ARIPO JOURNAL

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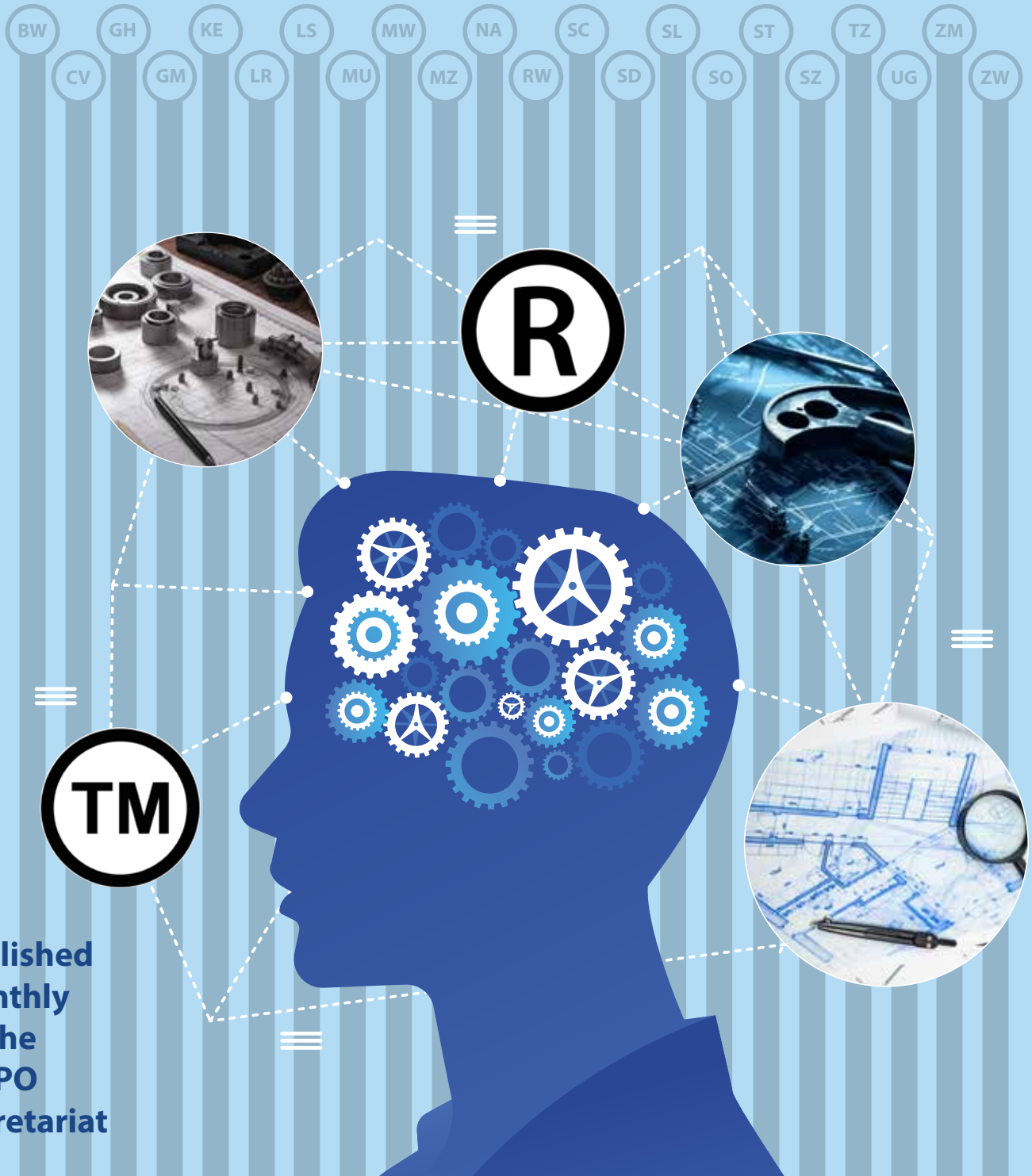

Published Monthly by the ARIPO Secretariat

PERMANENT NOTICES

Lusaka Agreement

The African Regional Intellectual Property Organization (ARIPO) was established by the Lusaka Agreement which was adopted on 9 December, 1976. The objectives of the Organization are, *inter alia*, to promote, harmonize and develop the intellectual property system of the region.

Membership of the Organization is open to states members of the United Nations Economic Commission for Africa or of the African Union. States become members by depositing an instrument of accession to either the Lusaka Agreement or any of the ARIPO Protocols already in force. Currently, Member States of ARIPO are those shown in the table on the right.

Harare Protocol

The Harare Protocol on Patents, Utility Models and Industrial Designs was adopted on 10 December, 1982. The protocol empowers ARIPO to grant patents and register industrial designs and utility models on behalf of the Harare Protocol contracting states. All ARIPO Member States are signatory to this protocol except Somalia.

Banjul Protocol

The Banjul Protocol on Marks was adopted on 19 November, 1993. The protocol empowers the Organization to register marks centrally for those ARIPO Member States which are its signatories (see table on this page).

Swakopmund Protocol

The Swakopmund Protocol on the Protection of Traditional Knowledge and Expressions of Folklore was adopted on 9 August 2010 and entered into force on 11 May 2015. The Protocol introduces a regional framework to protect the traditional knowledge and expressions of folklore of Africa and to ensure that it is properly utilized for the welfare of her people.

Arusha Protocol

The Arusha Protocol for the Protection of New Varieties of Plants was adopted in Arusha, the United Republic of Tanzania on 6 July 2015 and entered into force on 24 November 2024. It empowers ARIPO to grant breeders' rights on behalf of the contracting states. This strengthens the agricultural sector by providing farmers with access to improved plant varieties that offer better yields, enhanced disease resistance, and greater adaptability to climate change.

Patent Cooperation Treaty

The Patent Cooperation Treaty (PCT) is administered by the World Intellectual Property Organization (WIPO). Since the Harare Protocol was linked to the PCT, the PCT has become important to the development of the patent system of all ARIPO Member States.

Accessions / Ratifications

Member State	Lusaka Agreement	Harare Protocol	Banjul Protocol	Swakopmund Protocol	Arusha Protocol
Botswana	06.02.1985	06.05.1985	29.10.2003	28.03.2012	
Cape Verde	14.07.2022	14.10.2022	14.10.2022	14.10.2022	14.07.2022
eSwatini	17.12.1987	17.03.1988	06.03.1997		
The Gambia	15.02.1978	16.01.1986	03.08.2021	11.02.2015	
Ghana	15.02.1978	25.04.1984			24.11.2023
Kenya	15.02.1978	24.10.1984			
Lesotho	23.07.1987	23.10.1987	12.02.1999		
Liberia	24.12.2009	24.03.2010	24.03.2010	25.10.2016	
Malawi	15.02.1978	25.04.1984	06.03.1997	20.12.2012	
Mauritius	25.09.2020	27.05.2025			
Mozambique	08.02.2000	08.05.2000	15.08.2020		
Namibia	14.10.2003	23.04.2004	14.01.2004	11.02.2015	
Rwanda	24.06.2011	24.09.2011		16.07.2012	07.06.2019
Sào Tomé and Príncipe	19.05.2014	19.08.2014	27.02.2016		29.09.2020
Seychelles	01.10.2021	01.01.2022			
Sierra Leone	05.12.1980	25.02.1999			
Somalia	10.12.1981				
Sudan	02.05.1978	25.04.1984			
Tanzania	12.10.1983	01.09.1999	01.09.1999		
Uganda	08.08.1978	25.04.1984	21.11.2000		
Zambia	15.02.1978	26.02.1986		28.08.2015	
Zimbabwe	11.11.1980	25.04.1984	06.03.1997	22.04.2013	

EDITORIAL

Frequency of the Journal

The ARIPO Journal: the Official Industrial Property Journal of ARIPO is published every month.

Editorial Office and Mission

The Journal is published by the ARIPO Office as part of the industrial property process under the Harare Protocol and the Banjul Protocol. (For address of the ARIPO Office, please see the section on 'Purchases and Subscriptions' and 'General Contact Addresses' below.)

Advertisements

Any person, natural or body corporate, may advertise in the Journal on a matter of, or relating to, intellectual property (such as vacancies, new appointments, meetings, etc.). The cost of advertisement is:

a) US $20.00 per half column, or part thereof, measuring size 8.5 cm (across) X 12 cm (depth);
b) US $35.00 per full column, or part thereof, measuring size 8.5 cm (across) X 24 cm (depth);
c) US $40.00 per half page and US $70.00 per full page.

Concessionary rates are available at 20% reduced rate for any number of multiple insertions.

Purchases and Subscriptions

The ARIPO Journal is available on the ARIPO e-service platform (http://eservice.aripo.org/ppb/pjd/PPBJournalViewList.do) for free downloading.

However, should any reader prefer the print format over the electronic version, purchases can be made at US$ 100.00 per paper copy. Annual subscriptions (inclusive of postage) are at US $1 200.00. All purchases and subscriptions can be made at the following address:

Physical:
ARIPO Office, No. 11 Natal Road, Belgravia, Harare, Zimbabwe.

Postal:
Director General, ARIPO, P.O. Box 4228, Harare, Zimbabwe.

General Contact Addresses

Communication with, or information about, the Organization for any matter generally may be made or obtained at the following addresses in addition to the ones indicated above:

Telephone:
+263 (242) 794065/6/8, 794074.

VOIP:
+263 8677005131/32.

E-mail:
<mail@aripo.org>.

Website:
<www.aripo.org>.

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GENERAL NOTICES

Data Flow Symbols

Symbols in the following table are ARIPO-originated and are used in this publication for directing the flow of announcement columns, namely that a record (which is the largest unit in an announcement column) is ended and that an announcement column continues on the next page or it is ended.

Symbol	Interpretation
●●	End of a record in an announcement column
■	End of an announcement column

Symbol	Interpretation
▶	An announcement column continues on the next page

Data Identification Codes

The data identification codes appearing in the next four tables are WIPO Standards. The first three of these tables contain codes universally known as **I**nternationally recognized **N**umbers for the **I**dentification of **D**ata (INID) Codes. These Standards are, namely, WIPO Standard ST. 60 (Recommendation concerning bibliographic data relating to marks), Standard ST. 9 (Recommendation concerning bibliographic data on and relating to patents and supplementary protection certificates (SPCs)), Standard ST. 80 (Recommendation concerning bibliographic data relating to industrial designs) and Standard ST. 3 (Recommended standard on two-letter codes for the representation of states, other entities and intergovernmental organizations).

INID Codes For Marks

Code	Interpretation
(111)	Registration number
(151)	Date of registration
(210)	Application number
(220)	Filing date

Code	Interpretation
(511)	Symbol of the Nice Class
(540)	Description of the mark
(580)	Date of recorded change
(731)	Applicant's name

Code	Interpretation
(740)	Representative's name
(814)	Designated states
(869)	Accepted with reserve

INID Codes For Patents

Code	Interpretation
(11)	Patent number
(21)	Application number
(22)	Filing date
(23)	Date when action is to be taken, if in announcements for "*Patent Applications Pending Grant*"; date from which status takes effect, if in "*Applications Abandoned*" or in "*Patents Abandoned*"
(24)	Effective date of patent
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization
(45)	Date of publication
(51)	Symbol of the International Patent Classification (IPC)

Code	Interpretation
(54)	Title of the invention
(56)	List of prior art documents cited in the examination
(57)	Abstract
(71)	Applicant's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignee (or the name of the new owner of the patent application or the name of the new owner of the patent)
(72)	Name(s) of inventor(s)

Code	Interpretation
(73)	Name(s) of holder(s) of patent or patentee's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignor (or the name of the current owner of the patent application or the name of the current owner of the patent)
(74)	Attorney's name
(75)	Name(s) of inventor(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol
(86)	Patent Cooperation Treaty (PCT) international filing date and number
(96)	Harare Protocol filing date and number

Data Identification Codes (Contd.)

INID Codes For Industrial Designs

Code	Interpretation
(11)	Design registration number
(21)	Design application number
(22)	Filing date
(24)	Effective date of registration of design
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization

Code	Interpretation
(40)	Publication date
(51)	Symbol of the Locarno Classification
(54)	Title of the design
(55)	Symbol of the design
(71)	Applicant's name
(72)	Name of creator of the design
(73)	Name of holder of the design registration

Code	Interpretation
(74)	Attorney's name
(75)	Name(s) of creator(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol

Country/Organization Codes Used in this Issue of the Journal

Code	Country / Organization
AP	African Regional Intellectual Property Organization (ARIPO)
AU	Australia
BR	Brazil
BW	Botswana
CN	China
CV	Cape Verde
DE	Germany
EP	European Patent Office
ES	Spain
FI	Finland
FR	France
GB	Great Britain
GH	Ghana
GM	The Gambia
IN	India
IT	Italy
JP	Japan

Code	Country / Organization
KE	Kenya
KR	Republic of Korea
LR	Liberia
LS	Lesotho
MW	Malawi
MZ	Mozambique
NA	Namibia
RU	Russian Federation
RW	Rwanda
SC	Seychelles
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania
UG	Uganda
US	United States of America

Code	Country / Organization
WO	World Intellectual Property Organization (WIPO) (International Bureau of)
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2025/007523
(220) 01.08.2025
(511) Int. Cl. 33: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) BREW BRANDS PATENT RIGHTS MANAGEMENT DWC-LLC
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **BOXA**

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(210) AP/M/2025/007524
(220) 01.08.2025
(511) Int. Cl. 9: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ROCHE DIAGNOSTICS GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **LUMIRA**

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(210) AP/M/2025/007525
(220) 07.08.2025
(511) Int. Cl. 25: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) FUJIAN JIAJIALE SHOES MANUFACTURING CO., LTD.
(740) M/S BIS ASSOCIATED ADVOCATES
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) J&L

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(210) AP/M/2025/007526
(220) 07.08.2025
(511) Int. Cl. 34: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) AL MATUCO TOBACCO COMPANY FZE
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007527
(220) 07.08.2025
(511) Int. Cl. 3: BW, GM, LR, LS, MW, MZ, NA, SZ, TZ, UG, ZW
(731) EL-BADAOUI Walid
(740) Cronjé & Co.
(814) BW, GM, LR, LS, MW, MZ, NA, SZ, TZ, UG, ZW

(540) Alvin D'or

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(210) AP/M/2025/007528
(220) 13.08.2025
(511) Int. Cl. 7: ZW
(731) KUNMING YUNNEI POWER CO., LTD
(740) M/S BIS ASSOCIATED ADVOCATES
(814) ZW

(540) KUNTECH

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(210) AP/M/2025/007529
(220) 13.08.2025
(511) Int. Cl. 12: ZW
(731) KUNMING YUNNEI POWER CO., LTD
(740) M/S BIS ASSOCIATED ADVOCATES
(814) ZW

(540) KUNTECH

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(210) AP/M/2025/007530
(220) 13.08.2025
(511) Int. Cl. 7: ZW
(731) KUNMING YUNNEI POWER CO., LTD
(740) M/S BIS ASSOCIATED ADVOCATES
(814) ZW

(540)

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(210) AP/M/2025/007531
(220) 13.08.2025
(511) Int. Cl. 12: ZW
(731) KUNMING YUNNEI POWER CO., LTD
(740) M/S BIS ASSOCIATED ADVOCATES
(814) ZW

(540)

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(210) AP/M/2025/007532
(220) 13.08.2025
(511) Int. Cl. 3: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) LATTAFA PERFUMES IND. LLC
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) YOUTOPIA by Lattafa

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(210) AP/M/2025/007533
(220) 13.08.2025
(511) Int. Cl. 33: BW, LR, MW, MZ, NA, ST, ZW
(731) POGOSSIAN Semen Hmayaki
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) Jardins d'Arménie ROYAL BRANDY REINVENTED

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Mark Applications Filed (Contd.)

(210) AP/M/2025/007534
(220) 13.08.2025
(511) Int. Cl. 35: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) THE CHANTECAILLE CONSERVATION FOUNDATION
(740) D. K. MAKUBUYA ADVOCATES
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) The Elephant Way

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(210) AP/M/2025/007535
(220) 13.08.2025
(511) Int. Cl. 2, 6, 7, 9, 11. 16, 19, 21, 24, 29, 30, 31, 32 and 37: GM, LR, TZ, UG
(731) LALCHANDANI Prakash
(740) Malando Michael Angela
(814) GM, LR, TZ, UG

(540) PLAC

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(210) AP/M/2025/007536
(220) 13.08.2025
(511) Int. Cl. 3: ZW
(731) YE Shanqi
(740) TAKUNDWA MBEREKO ATTORNEYS
(814) ZW

(540) Aichun Beauty

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(210) AP/M/2025/007537
(220) 13.08.2025
(511) Int. Cl. 6, 14, 16, 19, 35 and 37: BW, MW, MZ, NA, TZ, ZW
(731) INTER-AFRICA CIVILS
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, MZ, NA, TZ, ZW

(540) BW MINING

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(210) AP/M/2025/007538
(220) 13.08.2025
(511) Int. Cl. 6, 14, 16, 19, 35 and 37: BW, MW, MZ, NA, TZ, ZW
(731) INTER-AFRICA CIVILS
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, MZ, NA, TZ, ZW

(540) BW MINING

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(210) AP/M/2025/007539
(220) 13.08.2025
(511) Int. Cl. 18 and 25: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) KING SPIDER LLC
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) sp5der

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(210) AP/M/2025/007540
(220) 13.08.2025
(511) Int. Cl. 18, 25 and 35: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) KING SPIDER LLC
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) sp5der

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(210) AP/M/2025/007541
(220) 13.08.2025
(511) Int. Cl. 18 and 25: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) KING SPIDER LLC
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) sp5der

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(210) AP/M/2025/007542
(220) 13.08.2025
(511) Int. Cl. 30, 32, 33 and 43: GM, LR, TZ, UG
(731) LALCHANDANI Prakash
(740) Malando Michael Angela
(814) GM, LR, TZ, UG

(540) Liqsar Junction

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(210) AP/M/2025/007543
(220) 14.08.2025
(511) Int. Cl. 35: GM, LR, TZ, UG
(731) LALCHANDANI Prakash
(740) Malando Michael Angela
(814) GM, LR, TZ, UG

(540) The Grand Marche

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(210) AP/M/2025/007544
(220) 14.08.2025
(511) Int. Cl. 2, 6, 7, 9, 11, 16, 19, 21, 24, 29, 30, 31, 32, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45: GM, LR, TZ, UG
(731) LALCHANDANI Prakash
(740) Malando Michael Angela
(814) GM, LR, TZ, UG

(540) ENCHANTÉ

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(210) AP/M/2025/007545
(220) 14.08.2025
(511) Int. Cl. 43: UG
(731) KARATA DUME LIMITED
(740) UNITED TRADEMARK & PATENT SERVICES LIMITED
(814) UG

(540) HELLO JUA sunrise party

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Mark Applications Filed (Contd.)

(210) AP/M/2025/007546
(220) 14.08.2025
(511) Int. Cl. 43: UG
(731) KARATA DUME LIMITED
(740) UNITED TRADEMARK & PATENT SERVICES LIMITED
(814) UG

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(210) AP/M/2025/007547
(220) 14.08.2025
(511) Int. Cl. 43: UG
(731) IGA UFE COMPANY LIMITED
(740) UNITED TRADEMARK & PATENT SERVICES LIMITED
(814) UG

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(210) AP/M/2025/007548
(220) 14.08.2025
(511) Int. Cl. 43: UG
(731) KARLITO'S WAY LIMITED
(740) UNITED TRADEMARK & PATENT SERVICES LIMITED
(814) UG

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(210) AP/M/2025/007549
(220) 15.08.2025
(511) Int. Cl. 3: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ALMAS PERFUME AND COSMETICS TRADING L.L.C
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007550
(220) 20.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007551
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007552
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007553
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007554
(220) 19.08.2025
(511) Int. Cl. 41: ZW
(731) TASTE ZIMBABWE FOOD AWARDS
(740) MHONDA Telia Chilundo
(814) ZW

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(210) AP/M/2025/007555
(220) 19.08.2025
(511) Int. Cl. 11, 35, 37, 40 and 42: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) CUIYE CEN
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) WATERICON

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Mark Applications Filed (Contd.)

(210) AP/M/2025/007556
(220) 19.08.2025
(511) Int. Cl. 4: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BRENT KHAM TRADING COMPANY
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007557
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007558
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007559
(220) 20.08.2025
(511) Int. Cl. 6 and 19: TZ, UG
(731) BREEZWAY AUSTRALIA PTY LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **ALTAIR**

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(210) AP/M/2025/007560
(220) 20.08.2025
(511) Int. Cl. 6, 9 and 19: TZ, UG
(731) BREEZWAY AUSTRALIA PTY LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **BREEZWAY**

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(210) AP/M/2025/007561
(220) 20.08.2025
(511) Int. Cl. 7: ZW
(731) GANZHOU HPY TECHNOLOGY CO., LTD
(740) SAMURIWO ATTORNEYS
(814) ZW

(540) **HPY SORTING**

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(210) AP/M/2025/007562
(220) 20.08.2025
(511) Int. Cl. 7: ZW
(731) GANZHOU HPY TECHNOLOLGY CO., LTD
(740) SAMURIWO ATTORNEYS
(814) ZW

(540) **HPY TECHNOLOGY**

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(210) AP/M/2025/007563
(220) 20.08.2025
(511) Int. Cl. 7: ZW
(731) GANZHOU HPY TECHNOLOGY CO., LTD
(740) SAMURIWO ATTORNEYS
(814) ZW

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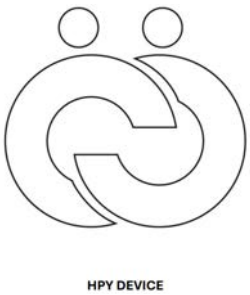

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(210) AP/M/2025/007564
(220) 20.08.2025
(511) Int. Cl. 6, 14, 16, 35 and 37: BW, MW, MZ, NA, TZ, ZW
(731) INTER-AFRICA CIVILS
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, MZ, NA, TZ, ZW

(540)

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(210) AP/M/2025/007565
(220) 21.08.2025
(511) Int. Cl. 5 and 31: ZW
(731) WESTLANDS APICULTURE
(740) MUGUZA Tendiso Tsungai
(814) ZW

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(210) AP/M/2025/007566
(220) 19.08.2025
(511) Int. Cl. 10: ZW
(731) LONGDEW INVESTMENTS PVT LTD
(740) LONGDEW INVESTMENTS PVT LTD
(814) ZW

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(210) AP/M/2025/007567
(220) 21.08.2025
(511) Int. Cl. 16: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) YIWU LITTLE TREE STATIONERY CO., LTD.
(740) NIZEYE Collins N
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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Mark Applications Filed (Contd.)

(210) AP/M/2025/007568
(220) 21.08.2025
(511) Int. Cl. 3: BW, MW
(731) MEGA MARKET (PRIVATE) LIMITED
(740) Gollop and Blank Legal Practitioners
(814) BW, MW

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(210) AP/M/2025/007569
(220) 22.08.2025
(511) Int. Cl. 1, 35 and 40: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) CEN Cuiye
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **HYDRANCE**

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(210) AP/M/2025/007570
(220) 22.08.2025
(511) Int. Cl. 2 and 35: ZW
(731) HALSTED BROTHERS (PVT) LTD
(740) AT MUZA ATTORNEYS
(814) ZW

(540) **DUNE PAINTS**

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(210) AP/M/2025/007571
(220) 22.08.2025
(511) Int. Cl. 2 and 35: ZW
(731) HALSTED BROTHERS (PVT) LTD
(740) AT MUZA ATTORNEYS
(814) ZW

(540) **DUNE**

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(210) AP/M/2025/007572
(220) 22.08.2025
(511) Int. Cl. 2 and 35: ZW
(731) HALSTED BROTHERS (PVT) LTD
(740) AT MUZA ATTORNEYS
(814) ZW

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(210) AP/M/2025/007573
(220) 25.08.2025
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) SONERI GROUP
(740) PALLADIUM STRATEGY & IP CONSULTANTS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007574
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

(540) **DIAMOND BRAND**

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(210) AP/M/2025/007575
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

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(210) AP/M/2025/007576
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

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(210) AP/M/2025/007577
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

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(210) AP/M/2025/007578
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

(540) **SAN FOOK**

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(210) AP/M/2025/007579
(220) 26.08.2025
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) RAVI FOODS PRIVATE LIMITED
(740) M/S BIS ASSOCIATED ADVOCATES
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **DUKES**

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(210) AP/M/2025/007580
(220) 26.08.2025
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) RAVI FOODS PRIVATE LIMITED
(740) M/S BIS ASSOCIATED ADVOCATES
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **DYNA s**

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Mark Applications Filed (Contd.)

(210) AP/M/2025/007581
(220) 26.08.2025
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) RAVI FOODS PRIVATE LIMITED
(740) M/S BIS ASSOCIATED ADVOCATES
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **TREFF**

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(210) AP/M/2025/007582
(220) 26.08.2025
(511) Int. Cl. 7, 11, 12, 21, 35 and 37: BW, LS, MW, MZ, NA, TZ, UG, ZW
(731) SAN FOOK HOLDING (PROPRIETARY) LIMITED
(740) SAMURIWO ATTORNEYS
(814) BW, LS, MW, MZ, NA, TZ, UG, ZW

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(210) AP/M/2025/007583
(220) 27.08.2025
(511) Int. Cl. 3: ZW
(731) YE Shanqi
(740) Chadyiwa & Associates
(814) ZW

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(210) AP/M/2025/007584
(220) 28.08.2025
(511) Int. Cl. 5: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) OSPEDALIA AG
(740) HUSSEIN & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) ISUPREL

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(210) AP/M/2025/007585
(220) 28.08.2025
(511) Int. Cl. 9, 14, 18 and 35: BW, MZ, NA, ZW
(731) FORZA ACCESSORIES (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, MZ, NA, ZW

(540) **FORZA**

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(210) AP/M/2025/007586
(220) 28.08.2025
(511) Int. Cl. 3: ZW
(731) YE Shanqi
(740) Chadyiwa & Associates
(814) ZW

(540) DR·RASHEL

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(210) AP/M/2025/007587
(220) 28.08.2025
(511) Int. Cl. 3: ZW
(731) YE Shanqi
(740) Chadyiwa & Associates
(814) ZW

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(210) AP/M/2025/007588
(220) 18.08.2025
(511) Int. Cl. 12: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ALPHA GALAXY GENERAL TRADING L.L.C
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007589
(220) 29.08.2025
(511) Int. Cl. 25: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ESSA GARMENTS PRIVATE LIMITED
(740) JUMANNE Nabiry
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2025/007590
(220) 29.08.2025
(511) Int. Cl. 30: BW, MW, MZ, NA, TZ, ZW
(731) TRADE KINGS LIMITED
(740) TRADE KINGS ZIMBABWE (PVT.) LIMITED
(814) BW, MW, MZ, NA, TZ, ZW

(540) **AMAZON JELLIX**

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Marks Assigned

(111) AP/M/2014/002141
(151) 18.09.2015
(220) 20.08.2014
(511) Int. Cl. 37: ZW
(580) 07.08.2025
(731) INTER-AFRICA CIVILS
(740) WINTERTONS
(814) ZW

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(111) AP/M/2015/002383
(151) 08.11.2017
(220) 12.05.2015
(511) Int. Cl. 5: LS, SZ, TZ
(580) 15.03.2021
(731) IPSEN CONSUMER HEALTHCARE
(740) HUSSEIN RANCHHOD & CO
(814) LS, SZ, TZ

(540) **SMECTA**

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(111) AP/M/2023/005857
(151) 22.08.2024
(220) 12.06.2023
(511) Int. Cl. 9, 25 and 41: BW, LR
(580) 08.08.2025
(731) PAWATECH IP Limited
(740) Cronjé & Co.
(814) BW, LR

(540) betPawa
Bet small win BIG

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(111) AP/M/2023/005858
(151) 22.08.2024
(220) 12.06.2023
(511) Int. Cl. 9, 25 and 41: BW, LR
(580) 08.08.2025
(731) PAWATECH IP Limited
(740) Cronjé & Co.
(814) BW, LR

(540) PawaPlay

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(210) AP/M/2024/006823
(220) 09.10.2024
(511) Int. Cl. 16, 28 and 36: BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW
(580) 08.08.2025
(731) PAWATECH IP Limited
(740) Cronjé & Co.
(814) BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW

(540) betPawa
Bet small win BIG

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Marks Pending Registration

(210) AP/M/2023/006245
(220) 07.12.2023
(511) Int. Cl. 9 and 42: ST
(731) NINGBO ZHIHUI NETWORK TECHNOLOGY CO., LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) ST

(540) **COCO**

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(210) AP/M/2023/006247
(220) 07.12.2023
(511) Int. Cl. 9 and 42: ST
(731) NINGBO ZHIHUI NETWORK TECHNOLOGY CO., LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) ST

(540) **COCO.AI**

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(210) AP/M/2024/006342
(220) 02.02.2024
(511) Int. Cl. 1, 5 and 9: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ROCHE DIAGNOSTICS GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **IONIFY**

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(210) AP/M/2024/006384
(220) 22.02.2024
(511) Int. Cl. 5 and 10: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ROCHE DIAGNOSTICS GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **ACCUTREND**

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(210) AP/M/2024/006385
(220) 22.02.2024
(511) Int. Cl. 1 and 5: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ROCHE DIAGNOSTICS GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **TINA-QUANT**

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(210) AP/M/2024/006386
(220) 22.02.2024
(511) Int. Cl. 5: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ROCHE DIAGNOSTICS GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **COMBUR**

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(210) AP/M/2024/006560
(220) 04.06.2024
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) S.S FOOD INDUSTRIES
(740) SCANLEN & HOLDERNESS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006666
(220) 31.07.2024
(511) Int. Cl. 35 and 36: ZW
(731) OLD MUTUAL LIFE ASSURANCE COMPANY ZIMBABWE LIMITED
(740) GILL, GODLONTON & GERRANS
(814) ZW

(540) **SOUTHGATE**

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(210) AP/M/2024/006703
(220) 20.08.2024
(511) Int. Cl. 25 and 35: ZW
(731) EDGARS STORES LIMITED
(740) GILL, GODLONTON & GERRANS
(814) ZW

(540) **SHOT GUN**

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(210) AP/M/2024/006715
(220) 27.08.2024
(511) Int. Cl. 43: MZ, NA, ZW
(731) SOUTH AFRICAN AIRWAYS SOC LIMITED
(740) ENSafrica Namibia
(814) MZ, NA, ZW

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(210) AP/M/2024/006727
(220) 30.08.2024
(511) Int. Cl. 4, 6, 35 and 39: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) PETREDEC HOLDINGS PTE. LTD.
(740) HONEY & BLANCKENBERG
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006728
(220) 30.08.2024
(511) Int. Cl. 3 and 5: MZ, ZW
(731) SPARTAN CHEMICAL COMPANY S.A.R.L.
(740) FISHER CORMACK & BOTHA
(814) MZ, ZW

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(210) AP/M/2024/006760
(220) 13.09.2024
(511) Int. Cl. 41: ZW
(731) THE ASSOCIATION OF TRUST SCHOOLS, AN ASSOCIATION DULY REPRESENTED BY ITS EXCO
(740) FERRAO LAW CHAMBERS
(814) ZW

(540) **ASSOCIATION OF TRUST SCHOOLS**

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(210) AP/M/2024/006761
(220) 13.09.2024
(511) Int. Cl. 41: ZW
(731) THE ASSOCIATION OF TRUST SCHOOLS, AN ASSOCIATION DULY REPRESENTED BY ITS EXCO
(740) FERRAO LAW CHAMBERS
(814) ZW

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Marks Pending Registration (Contd.)

(210) AP/M/2024/006784
(220) 23.09.2024
(511) Int. Cl. 1, 6, 7, 9, 11, 19, 20 and 21: BW, LS, MZ, NA, SZ, ZW
(731) LEANDER GROUP PROPRIETARY LIMITED
(740) ENSafrica Namibia
(814) BW, LS, MZ, NA, SZ, ZW

(540) ULTIMA

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(210) AP/M/2024/006785
(220) 25.09.2024
(511) Int. Cl. 5: MW, MZ, TZ, UG
(731) JINJIANG LAOJUN CHEMICAL CO., LTD
(740) M/S BIS ASSOCIATED ADVOCATES
(814) MW, MZ, TZ, UG

(540) 老君 LAOJUN

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(210) AP/M/2024/006786
(220) 25.09.2024
(511) Int. Cl. 9: ZW
(731) ONESUN TECHNOLOGY (SHENZHEN) LTD.
(740) M/S BIS ASSOCIATED ADVOCATES
(814) ZW

(540) ONESUN

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(210) AP/M/2024/006807
(220) 30.09.2024
(511) Int. Cl. 9: LR, MZ, TZ, UG
(731) GUANGZHOU SHIYIOU TRADING CO., LTD.
(740) M/S BIS ASSOCIATED ADVOCATES
(814) LR, MZ, TZ, UG

(540) MICRO TF

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(210) AP/M/2024/006809
(220) 04.10.2024
(511) Int. Cl. 21: BW
(731) THE COSMOS IMPORT & EXPORT LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW

(540) mijotex LES PLATS À LA CARTE

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(210) AP/M/2024/006810
(220) 03.10.2024
(511) Int. Cl. 41: ZW
(731) INTERNATIONAL TEACHING LEARNING ASSESSMENT CONSULTANTS AND ONLINE SCHOOLS (ITLACO)
(740) MUZEMBE Obert
(814) ZW

(540) I.T.L.A.C.O

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(210) AP/M/2024/006816
(220) 08.10.2024
(511) Int. Cl. 30: ZW
(731) BASITH FOOD PRIVATE LIMITED
(740) BASITH FOOD PRIVATE LIMITED
(814) ZW

(540) ZIM BISCUITS

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(210) AP/M/2024/006817
(220) 08.10.2024
(511) Int. Cl. 16 and 42: GM, TZ, UG
(731) KENYA ACCREDITATION SERVICE (KENAS)
(740) D. K. MAKUBUYA ADVOCATES
(814) GM, TZ, UG

(540) KENAS

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(210) AP/M/2024/006818
(220) 08.10.2024
(511) Int. Cl. 9, 35 and 42: BW, MZ, NA, ZW
(731) REMITIX LIMITED
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, MZ, NA, ZW

(540) MUKURU

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(210) AP/M/2024/006819
(220) 08.10.2024
(511) Int. Cl. 9, 36 and 42: BW, MZ, NA, TZ, ZW
(731) ICE IP LIMITED
(740) Cronjé & Co.
(814) BW, MZ, NA, TZ, ZW

(540) ICE engine

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(210) AP/M/2024/006823
(220) 09.10.2024
(511) Int. Cl. 16, 28 and 36: BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW
(731) PAWATECH IP Limited
(740) Cronjé & Co.
(814) BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW

(540) betPawa Bet small win BIG

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(210) AP/M/2024/006824
(220) 09.10.2024
(511) Int. Cl. 16, 28 and 36: BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW
(731) MCHEZO IP LIMITED
(740) Cronjé & Co.
(814) BW, CV, LR, LS, MW, MZ, NA, ST, SZ, ZW

(540) PawaPlay

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(210) AP/M/2024/006825
(220) 09.10.2024
(511) Int. Cl. 34: ZW
(731) AFRICA LEAF EXPORTS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

(540) LIBERTY

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Marks Pending Registration (Contd.)

(210) AP/M/2024/006826
(220) 09.10.2024
(511) Int. Cl. 34: ZW
(731) AFRICA LEAF EXPORTS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2024/006827
(220) 09.10.2024
(511) Int. Cl. 34: ZW
(731) AFRICA LEAF EXPORTS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2024/006828
(220) 09.10.2024
(511) Int. Cl. 34: ZW
(731) AFRICA LEAF EXPORTS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

(540)

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(210) AP/M/2024/006829
(220) 11.10.2024
(511) Int. Cl. 32: ZW
(731) CREST STREET INDUSTRIES
(740) Kuwana Tatenda Phoebe Michelle
(814) ZW

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GO-2 CHIHERA

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(210) AP/M/2024/006830
(220) 11.10.2024
(511) Int. Cl. 32: ZW
(731) CREST STREET INDUSTRIES
(740) Kuwana Tatenda Phoebe Michelle
(814) ZW

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TRADITIONAL BEER
GO BEER

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(210) AP/M/2024/006831
(220) 11.10.2024
(511) Int. Cl. 32: ZW
(731) CREST STREET INDUSTRIES
(740) Kuwana Tatenda Phoebe Michelle
(814) ZW

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Street Pak®

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(210) AP/M/2024/006832
(220) 14.10.2024
(511) Int. Cl. 9, 35 and 44: ZW
(731) PROFESSIONAL OPTICAL (PRIVATE) LIMITED
(740) GILL, GODLONTON & GERRANS
(814) ZW

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john mcminn optometrists

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(210) AP/M/2024/006834
(220) 14.10.2024
(511) Int. Cl. 3 and 35: BW, MW, TZ, ZW
(731) PROCHEM (PRIVATE) LIMITED
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, TZ, ZW

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Maxi Smooth

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(210) AP/M/2024/006835
(220) 14.10.2024
(511) Int. Cl. 3 and 35: BW, MW, TZ, ZW
(731) PROCHEM (PRIVATE) LIMITED
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, TZ, ZW

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(210) AP/M/2024/006836
(220) 14.10.2024
(511) Int. Cl. 5: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) FOSUN PHARMA SAS
(740) Eden Law Chambers
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) FOEMPA

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(210) AP/M/2024/006838
(220) 15.10.2024
(511) Int. Cl. 30: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) AKC (PVT) LTD
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006839
(220) 15.10.2024
(511) Int. Cl. 4, 35 and 39: ZW
(731) REDAN KEROSINE (PVT) LTD
(740) FERRAO LAW CHAMBERS
(814) ZW

(540) RK

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(210) AP/M/2024/006840
(220) 15.10.2024
(511) Int. Cl. 4, 35 and 39: ZW
(731) REDAN KEROSINE (PVT) LTD
(740) FERRAO LAW CHAMBERS
(814) ZW

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Marks Pending Registration (Contd.)

(210) AP/M/2024/006841
(220) 15.10.2024
(511) Int. Cl. 4, 35 and 39: ZW
(731) REDAN KEROSINE (PVT) LTD
(740) FERRAO LAW CHAMBERS
(814) ZW

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(210) AP/M/2024/006845
(220) 16.10.2024
(511) Int. Cl. 34: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) BEST TOBACCO COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) **VIKING**

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(210) AP/M/2024/006846
(220) 16.10.2024
(511) Int. Cl. 34: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) BEST TOBACCO COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006847
(220) 17.10.2024
(511) Int. Cl. 32: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) TAREK AL GHADBAN TRADING ESTABLISHMENT / COBRA
(740) SAMURIWO ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006848
(220) 17.10.2024
(511) Int. Cl. 4, 35 and 39: ZW
(731) REDAN KEROSINE (PVT) LTD
(740) FERRAO LAW CHAMBERS
(814) ZW

(540) **FUELING PERFECTION**

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(210) AP/M/2024/006849
(220) 22.10.2024
(511) Int. Cl. 34: MW, NA, SZ, ZW
(731) DANCZEK TEPLICE, A.S.
(740) Cronjé & Co.
(814) MW, NA, SZ, ZW

(540) **SYX**

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(210) AP/M/2024/006850
(220) 17.10.2024
(511) Int. Cl. 36: ZW
(731) TILLTRADE XCHANGE (PVT) LTD
(740) GOMO SA GIVEMORE
(814) ZW

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(210) AP/M/2024/006851
(220) 17.10.2024
(511) Int. Cl. 32: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ANHEUSER-BUSCH INBEV S.A.
(740) B MATANGA IP ATTORNEYS
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2024/006853
(220) 17.10.2024
(511) Int. Cl. 29 and 30: BW, MW, MZ, NA, TZ, ZW
(731) YOYO FOODS LIMITED
(740) YO BRANDS PRIVATE LIMITED
(814) BW, MW, MZ, NA, TZ, ZW

(540) **BUGLES**

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(210) AP/M/2024/006854
(220) 17.10.2024
(511) Int. Cl. 4, 35 and 39: ZW
(731) REDAN KEROSINE (PVT) LTD
(740) FERRAO LAW CHAMBERS
(814) ZW

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(210) AP/M/2024/006856
(220) 21.10.2024
(511) Int. Cl. 29 and 30: ZW
(731) NATIONAL FOODS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2024/006857
(220) 21.10.2024
(511) Int. Cl. 29 and 30: ZW
(731) NATIONAL FOODS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2024/006858
(220) 21.10.2024
(511) Int. Cl. 29 and 30: ZW
(731) NATIONAL FOODS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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Marks Pending Registration (Contd.)

(210) AP/M/2024/006859
(220) 21.10.2024
(511) Int. Cl. 29 and 30: ZW
(731) NATIONAL FOODS LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2024/006873
(220) 23.10.2024
(511) Int. Cl. 35, 36, 43 and 44: BW, MZ, NA, TZ, ZW
(731) NEW WORLD HOTEL MANAGEMENT LIMITED
(740) HONEY & BLANCKENBERG
(814) BW, MZ, NA, TZ, ZW

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(210) AP/M/2024/006876
(220) 23.10.2024
(511) Int. Cl. 31: ZW
(731) GROBBIE BEST FOODS PRIVATE LIMITED
(740) Grobbie Best Foods
(814) ZW

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(210) AP/M/2024/006882
(220) 24.10.2024
(511) Int. Cl. 31: ZW
(731) GROBBIE BEST FOODS PRIVATE LIMITED
(740) Grobbie Best Foods
(814) ZW

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(210) AP/M/2024/006883
(220) 24.10.2024
(511) Int. Cl. 31: ZW
(731) GROBBIE BEST FOODS PRIVATE LIMITED
(740) Grobbie Best Foods
(814) ZW

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(210) AP/M/2024/006885
(220) 25.10.2024
(511) Int. Cl. 29 and 31: ZW
(731) GROBBIE BEST FOODS PRIVATE LIMITED
(740) Grobbie Best Foods
(814) ZW

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(210) AP/M/2024/006886
(220) 25.10.2024
(511) Int. Cl. 33: BW, LS, MZ, NA, SZ, ZW
(731) EQUATOR BEVERAGE COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MZ, NA, SZ, ZW

(540) **BAHAMA**

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(210) AP/M/2024/006887
(220) 25.10.2024
(511) Int. Cl. 33: BW, LS, MZ, NA, SZ, ZW
(731) EQUATOR BEVERAGE COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MZ, NA, SZ, ZW

(540) **MAYFAIR**

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(210) AP/M/2024/006888
(220) 25.10.2024
(511) Int. Cl. 33: BW, LS, MZ, NA, SZ, ZW
(731) EQUATOR BEVERAGE COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MZ, NA, SZ, ZW

(540) **DETROIT ENERGIZER**

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(210) AP/M/2024/006889
(220) 25.10.2024
(511) Int. Cl. 29 and 31: ZW
(731) GROBBIE BEST FOODS PRIVATE LIMITED
(740) GROBBIE BEST FOODS PRIVATE LIMITED
(814) ZW

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(210) AP/M/2024/006893
(220) 28.10.2024
(511) Int. Cl. 34: ZW
(731) STELLAR TOBACCO COMPANY (PRIVATE) LIMITED
(740) SCANLEN & HOLDERNESS
(814) ZW

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(210) AP/M/2024/006894
(220) 28.10.2024
(511) Int. Cl. 30: ZW
(731) REAL PREMIUM ENTERPRISES P/L
(740) SCANLEN & HOLDERNESS
(814) ZW

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Marks Pending Registration (Contd.)

(210) AP/M/2024/006895
(220) 28.10.2024
(511) Int. Cl. 9, 35, 36 and 42: BW, MZ, NA, ZW
(731) NEDBANK LIMITED
(740) ENSafrica Namibia
(814) BW, MZ, NA, ZW

(540) **NBH**

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(210) AP/M/2024/006897
(220) 28.10.2024
(511) Int. Cl. 35: BW, MZ, NA, ZW
(731) NEDBANK LIMITED
(740) ENSafrica Namibia
(814) BW, MZ, NA, ZW

(540) **NEDBANK BUSINESS HUB**

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(210) AP/M/2024/006899
(220) 28.10.2024
(511) Int. Cl. 37: BW, LR, MW, MZ, NA, ST, ZW
(731) THE TRUSTEES FOR THE TIME BEING OF THE UBUNTU TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **SCHMIDHAUSER**

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(210) AP/M/2024/006902
(220) 30.10.2024
(511) Int. Cl. 3: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) AL KHADLAJ PERFUMES IND. L.L.C
(740) Cronjé & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540) خدلج
KHADLAJ

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(210) AP/M/2024/006907
(220) 04.11.2024
(511) Int. Cl. 30: BW, MW, MZ, NA, TZ, ZW
(731) NYAMA SOYA LIMITED
(740) TRADE KINGS ZIMBABWE (PVT.) LIMITED
(814) BW, MW, MZ, NA, TZ, ZW

(540) **SEE SAW**

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(210) AP/M/2024/006937
(220) 22.11.2024
(511) Int. Cl. 35: ZW
(731) DISTINCTIVE CONSULTANCY SERVICES
(740) PILIME Farai
(814) ZW

(540) distinctive
bringing excellence into your world

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(210) AP/M/2024/006938
(220) 22.11.2024
(511) Int. Cl. 45: ZW
(731) SPEAKSAFE (PVT) LTD
(740) PILIME Farai
(814) ZW

(540) safe
Share the burden

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Marks Registered

(111) AP/M/2023/005921
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005922
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005923
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005924
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005925
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005926
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/005927
(151) 08.08.2025
(220) 18.07.2023
(511) Int. Cl. 39: BW, MW, MZ, NA, SZ, TZ, ZW
(731) EXPLORE AFRICA TRAVEL (PROPRIETARY) LIMITED
(740) ENGLING, STRITTER & PARTNERS
(814) BW, MW, MZ, NA, SZ, TZ, ZW

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(111) AP/M/2023/006229
(151) 22.08.2025
(220) 24.11.2023
(511) Int. Cl. 35 and 42: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) ENERCOM AFRICA LIMITED
(740) HUSSEIN & Co.
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

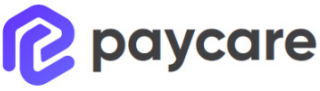
(540)

(111) AP/M/2023/006235
(151) 21.08.2025
(220) 29.11.2023
(511) Int. Cl. 8: BW, NA
(731) WAHL CLIPPER CORPORATION
(740) AT MUZA ATTORNEYS
(814) BW, NA

(540) **TOOL BOX**

(111) AP/M/2024/006352
(151) 29.08.2025
(220) 07.02.2024
(511) Int. Cl. 42: BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW
(731) NEW SHAMROCK HOLDINGS (PRIVATE) LIMITED
(740) MANITHO Isaack
(814) BW, CV, GM, LR, LS, MW, MZ, NA, ST, SZ, TZ, UG, ZW

(540)



(111) AP/M/2024/006493
(151) 21.08.2025
(220) 29.04.2024
(511) Int. Cl. 6, 7, 9, 11, 19, 35, 41 and 42: BW, NA, ZW
(731) MANGROVE GROUP LIMITED
(740) FISHER CORMACK & BOTHA
(814) BW, NA, ZW

(540) **MANGROVE**

Marks Registered (Contd.)

(111) AP/M/2024/006543
(151) 29.08.2025
(220) 28.05.2024
(511) Int. Cl. 29, 31 and 35: NA, ZW
(731) DWERGIE INVESTMENT TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) NA, ZW

(540) **OZblu**

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(111) AP/M/2024/006544
(151) 29.08.2025
(220) 28.05.2024
(511) Int. Cl. 29, 31 and 35: NA, ZW
(731) DWERGIE INVESTMENT TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) NA, ZW

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(111) AP/M/2024/006545
(151) 29.08.2025
(220) 28.05.2024
(511) Int. Cl. 29, 31 and 35: NA, ZW
(731) DWERGIE INVESTMENT TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) NA, ZW

(540) **OZblu Magica**

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(111) AP/M/2024/006546
(151) 29.08.2025
(220) 28.05.2024
(511) Int. Cl. 31: NA, ZW
(731) DWERGIE INVESTMENT TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) NA, ZW

(540) **MAGICA**

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(111) AP/M/2024/006547
(151) 29.08.2025
(220) 28.05.2024
(511) Int. Cl. 31: NA, ZW
(731) DWERGIE INVESTMENT TRUST
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) NA, ZW

(540) **EB 9-2**

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(111) AP/M/2024/006553
(151) 29.08.2025
(220) 31.05.2024
(511) Int. Cl. 10: BW, MZ, NA, TZ, UG, ZW
(731) DRÄGERWERK AG & CO. KGAA
(740) Dr. Weder, Kauta & Hoveka Inc.
(814) BW, MZ, NA, TZ, UG, ZW

(540) **Babyflow**

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(111) AP/M/2024/006554
(151) 08.08.2025
(220) 31.05.2024
(511) Int. Cl. 32: BW, MW, MZ, NA
(731) HYPE HYDRATION (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, MW, MZ, NA

(540) **KNOX**

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(111) AP/M/2024/006555
(151) 08.08.2025
(220) 31.05.2024
(511) Int. Cl. 32: BW, MW, MZ, NA
(731) HYPE HYDRATION (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, MW, MZ, NA

(540) **KNOX HYDRATE**

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(111) AP/M/2024/006562
(151) 21.08.2025
(220) 05.06.2024
(511) Int. Cl. 9, 16, 25, 28, 38 and 41: ZW
(731) ICC BUSINESS CORPORATION FZ-LLC
(740) B MATANGA IP ATTORNEYS
(814) ZW

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(111) AP/M/2024/006563
(151) 21.08.2025
(220) 05.06.2024
(511) Int. Cl. 9, 16, 25, 28, 38 and 41: ZW
(731) ICC BUSINESS CORPORATION FZ-LLC
(740) B MATANGA IP ATTORNEYS
(814) ZW

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(111) AP/M/2024/006564
(151) 21.08.2025
(220) 05.06.2024
(511) Int. Cl. 9, 16, 25, 28, 38 and 41: ZW
(731) ICC BUSINESS CORPORATION FZ-LLC
(740) B MATANGA IP ATTORNEYS
(814) ZW

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(111) AP/M/2024/006565
(151) 21.08.2025
(220) 05.06.2024
(511) Int. Cl. 9, 16, 25, 28, 38 and 41: ZW
(731) ICC BUSINESS CORPORATION FZ-LLC
(740) B MATANGA IP ATTORNEYS
(814) ZW

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(111) AP/M/2024/006573
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Béluga**

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Marks Registered (Contd.)

(111) AP/M/2024/006574
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Péridot**

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(111) AP/M/2024/006575
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Topaze**

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(111) AP/M/2024/006576
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Onyx**

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(111) AP/M/2024/006578
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Saphir**

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(111) AP/M/2024/006579
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Diamanté**

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(111) AP/M/2024/006580
(151) 08.08.2025
(220) 12.06.2024
(511) Int. Cl. 3: BW, LR, MW, MZ, NA, ST, ZW
(731) OPEN HORIZON LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ST, ZW

(540) **Obsession**

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(111) AP/M/2024/006586
(151) 21.08.2025
(220) 14.06.2024
(511) Int. Cl. 42: BW, LR, MW, MZ, NA, ZW
(731) CHANNEL TECHNOLOGIES FZE
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ZW

(540) **XtraBuy**

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(111) AP/M/2024/006588
(151) 21.08.2025
(220) 14.06.2024
(511) Int. Cl. 42: BW, LR, MW, MZ, NA, ZW
(731) CHANNEL TECHNOLOGIES FZE
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, MZ, NA, ZW

(540) **XtraSales**

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(111) AP/M/2024/006601
(151) 08.08.2025
(220) 25.06.2024
(511) Int. Cl. 1 and 5: BW, CV, MW, MZ, NA, ST, ZW
(731) ABBOTT RAPID DIAGNOSTICS INTERNATIONAL UNLIMITED COMPANY
(740) FISHER, CORMACK & BOTHA
(814) BW, CV, MW, MZ, NA, ST, ZW

(540) **CLEARVIEW**

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(111) AP/M/2024/006616
(151) 29.08.2025
(220) 04.07.2024
(511) Int. Cl. 30 and 43: ZW
(731) BORNMAN Rian
(740) FERRAO LAW CHAMBERS
(814) ZW

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(111) AP/M/2024/006638
(151) 29.08.2025
(220) 12.07.2024
(511) Int. Cl. 34: BW, LS, MW, NA, ST, SZ, TZ, UG
(731) CYF ENTERPRISE (S) PTE LTD
(740) HUSSEIN & Co.
(814) BW, LS, MW, NA, ST, SZ, TZ, UG

(540) **VESS**

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(111) AP/M/2024/006650
(151) 29.08.2025
(220) 19.07.2024
(511) Int. Cl. 35, 41, 42 and 45: BW, MZ, NA, TZ, UG, ZW
(731) ALLINIAL GLOBAL
(740) COGHLAN, WELSH & GUEST
(814) BW, MZ, NA, TZ, UG, ZW

(540)

Allinial GLOBAL

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(111) AP/M/2024/006655
(151) 29.08.2025
(220) 25.07.2024
(511) Int. Cl. 25: ZW
(731) CHIKURUNGENI Kelvin, AUSTIN Daniel and NAMUKHOYO Baison
(740) NAMUKHOYO Baison
(814) ZW

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/2015/002296	04.08.2025	02.02.2035	1st yr
AP/M/2015/002455	25.08.2025	06.08.2045	20th yr
AP/M/2015/002456	11.08.2025	12.08.2035	10th yr
AP/M/2015/002457	11.08.2025	12.08.2035	10th yr
AP/M/2015/002458	11.08.2025	12.08.2035	10th yr
AP/M/2015/002459	11.08.2025	12.08.2035	10th yr
AP/M/2015/002460	11.08.2025	12.08.2035	10th yr
AP/M/2015/002471	28.08.2025	28.08.2035	10th yr
AP/M/2015/002474	28.08.2025	31.08.2035	10th yr
AP/M/2015/002475	28.08.2025	01.09.2035	10th yr
AP/M/2015/002488	25.08.2025	30.09.2035	10th yr
AP/M/2015/002522	01.08.2025	17.11.2035	10th yr

PATENTS

Patent Applications Filed

(21) AP/P/2025/016684
(22) 25.04.2019
(23) 01.08.2025
(31) US 2023/0197102 A1
(32) 22.06.2023 (33) US
(51) **G10L 19/008 (2013.01)**
G10L 21/0388 (2013.01)
(54) INTEGRATION OF HIGH FREQUENCY AUDIO RECONSTRUCTION TECHNIQUES
(71) DOLBY INTERNATIONAL AB
(72) EKSTRAND Per, PURNHAGEN Heiko, VILLEMOES Lars, et al
(74) SPOOR.FISHER
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 23.02.2023 PCT/EP2019/060600
(96) 25.04.2019 AP/P/2025/016684

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(21) AP/P/2025/016685
(22) 25.04.2019
(23) 01.08.2025
(31) US 2023/0197101 A1
(32) 22.06.2023 (33) US
(51) **G10L 21/0388 (2013.01)**
G10L 19/008 (2013.01)
(54) INTEGRATION OF HIGH FREQUENCY AUDIO RECONSTRUCTION TECHNIQUES
(71) DOLBY INTERNATIONAL AB
(72) EKSTRAND Per, PURNHAGEN Heiko, VILLEMOES Lars, et al
(74) SPOOR.FISHER
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 25.04.2019 PCT/EP2019/060600
(96) 25.04.2019 AP/P/2025/016685

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(21) AP/P/2025/016686
(22) 09.02.2024
(23) 01.08.2025
(31) 2301886.4
(32) 10.02.2023 (33) GB
(51) **F25D 29/00 (2006.01)**
F25D 3/08 (2006.01)
(54) COLD STORAGE DEVICE
(71) B MEDICAL SYSTEMS S.À R.L.
(72) WASSERMAN Florian, RIES Gilles, LENTZ Mariro, et al
(74) HONEY & BLANCKENBERG
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 09.02.2024 PCT/EP2024/053372
(96) 09.02.2024 AP/P/2025/016686

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(21) AP/P/2025/016687
(22) 30.01.2024
(23) 04.08.2025
(31) 63/482,185
(32) 30.01.2023 (33) US
(51) **B03B 7/00 (2006.01)**
C02F 11/127 (2019.01)
(54) METHODS AND SYSTEMS FOR CLASSIFICATION AND RECOVERY
(71) SOMERSET INTERNATIONAL FINANCE DESIGNATED ACTIVITY COMPANY
(72) FISHER II James C, ORR Geoff, GRAHAM James, et al
(74) HONEY & BLANCKENBERG
(84) MZ, NA, ZM, ZW
(86) 30.01.2024 PCT/İB2024/050856
(96) 30.01.2024 AP/P/2025/016687

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(21) AP/P/2025/016688
(22) 24.01.2024
(23) 04.08.2025
(31) 2023/01328
(32) 02.02.2023 (33) ZA
(51) **F42D 1/04 (2006.01)**
F42D 1/05 (2006.01)
(54) MIXED BLASTING SYSTEM
(71) DETNET SOUTH AFRICA (PTY) LTD
(72) SWART Gerhardus Johannes and MEYER Tielman Christiaan
(74) HONEY & BLANCKENBERG
(84) ZM
(86) 24.01.2024 PCT/ZA2024/050004
(96) 24.01.2024 AP/P/2025/016688

●●

(21) AP/P/2025/016689
(22) 22.05.2024
(23) 04.08.2025
(31) 10-2023-0182839
(32) 15.12.2023 (33) KR
(51) **C22B 3/22 (2006.01)**
H01M 10/54 (2006.01)
C22B 3/08 (2006.01)
C22B 7/00 (2006.01)
(54) METHOD FOR RECOVERY OF VALUABLE METALS
(71) KEMCO and KOREA ZINC CO., LTD.
(72) LEE Je Joong, LEE Hyun and KIM Seung Hyun
(74) SPOOR.FISHER
(84) TZ, ZM, ZW
(86) 22.05.2024 PCT/KR2024/006899
(96) 22.05.2024 AP/P/2025/016689

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(21) AP/P/2025/016690
(22) 18.01.2024
(23) 05.08.2025
(31) 63/482,540
(32) 31.01.2023 (33) US
(51) **A61P 7/00 (2009.01)**
A61K 47/42 (2017.01)
A61K 47/44 (2017.01)
A61K 9/127 (2006.01)
A61K 9/107 (2006.01)
(54) COMPOSITIONS AND METHODS FOR TREATING HYPERPROCALCITONEMIA
(71) VIVACELLE BIO, INC.
(72) SIMPKINS Cuthbert O
(74) SPOOR.FISHER
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 18.01.2024 PCT/US2024/011961
(96) 18.01.2024 AP/P/2025/016690

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(21) AP/P/2025/016691
(22) 15.01.2024
(23) 06.08.2025
(31) 10 2023 100 916.8
(32) 16.01.2023 (33) DE
(51) **B64B 1/50 (2006.01)**
B64F 1/14 (2006.01)
E04H 15/20 (2006.01)
B64B 1/66 (2006.01)
(54) CAPTIVE BALLOON SUPPORT STRUCTURE ASSEMBLY
(74) Galloway & Co (NA)
(75) MARTINSCHLEDDE Werner
(84) BW, GH, GM, KE, LR, MW, MZ, NA, RW, SD, SL, UG, ZM, ZW
(86) 15.01.2024 PCT/DE2024/100032
(96) 15.01.2024 AP/P/2025/016691

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(21) AP/P/2025/016692
(22) 07.02.2024
(23) 06.08.2025
(31) 102023000001998
(32) 07.02.2023 (33) IT
(31) 102023000001989
(32) 07.02.2023 (33) IT
(31) 102023000001983
(32) 07.02.2023 (33) IT
(51) **A61K 9/20 (2006.01)**
A16K 47/00 (2006.01)
A61K 33/26 (2006.01)
A61K 9/14 (2006.01)
A61P 3/02 (2006.01)

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Patent Applications Filed (Contd.)

(54) NEW IRON AND SODIUM PYROPHOSPHATE ORAL COMPOSITIONS, PROCESS FOR THEIR PREPARATION AND THEIR USE IN IRON DEFICIENCY CONDITIONS
(71) PHARMANUTRA S.p.A.
(72) BRILLI Elisa, TARANTINO Germano and LACORTE Andrea
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 07.02.2024 PCT/İB2024/051128
(96) 07.02.2024 AP/P/2025/016692

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(21) AP/P/2025/016693
(22) 07.02.2024
(23) 06.08.2025
(31) 102023000001998
(32) 07.02.2023 (33) IT
(31) 102023000001983
(32) 07.02.2023 (33) IT
(31) 102023000001983
(32) 07.02.2023 (33) IT
(51) **A61P 3/02 (2006.01)**
A61K 33/42 (2006.01)
A61P 7/06 (2006.01)
A61K 33/26 (2006.01)
(54) NEW IRON AND ACACIA GUM ORAL COMPOSITIONS, PROCESS FOR THEIR PREPARATION AND THEIR USE IN IRON DEFICIENCY CONDITIONS
(71) PHARMANUTRA S.p.A.
(72) BRILLI Elisa, TARANTINO Germano and LACORTE Andrea
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 07.02.2024 PCT/İB2024/051129
(96) 07.02.2024 AP/P/2025/016693

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(21) AP/P/2025/016694
(22) 19.05.2021
(23) 07.08.2025
(31) 63/028,042
(32) 21.05.2020 (33) US
(51) **C12C 5/00 (2006.01)**
C12C 7/00 (2006.01)
(54) UNINHIBITED AMYLASES FOR BREWING WITH HIGH TANNIN MATERIALS
(71) INTERNATIONAL N&H DENMARK APS
(72) CRAMER Jacob Flyvholm
(74) SPOOR.FISHER
(84) BW, GH, KE, MZ, RW, TZ, UG, ZM, ZW
(86) 19.05.2021 PCT/US2021/033074
(96) 19.05.2021 AP/P/2025/016694

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(21) AP/P/2025/016695
(22) 19.12.2023
(23) 08.08.2025
(31) 2023/00330
(32) 09.01.2023 (33) ZA
(51) **B32B 7/02 (2019.01)**
B32B 7/02 (2006.01)
B32B 27/08 (2006.01)
B32B 3/26 (2006.01)
B32B 27/10 (2006.01)
B32B 33/00 (2006.01)
B32B 7/12 (2006.01)
B32B 1/08 (2006.01)
(54) FLOWER PRESERVATIVE AND ANTI-FUNGAL SYSTEM
(71) TESSARA (PTY) LTD
(72) KEMP Renier and DANIEL-SWARTLAND Chanel
(74) ENSafrica Namibia
(84) KE, UG, ZM, ZW
(96) 19.12.2023 AP/P/2025/016695

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(21) AP/P/2025/016696
(22) 15.01.2024
(23) 08.08.2025
(31) 63/479,848
(32) 13.01.2023 (33) US
(51) **A61P 15/18 (2006.01)**
A61K 31/19 (2006.01)
A61M 31/00 (2006.01)
A6IF 6/14 (2006.01)
A61K 33/34 (2006.01)
A61F 6/08 (2006.01)
A61K 9/00 (2006.01)
A61K 33/30 (2006.01)
A61K 9/02 (2006.01)
(54) MULTI-COMPONENT INTRAVAGINAL RING
(71) CORNELL UNIVERSITY, THE QUEEN'S UNIVERSITY OF BELFAST and THE POPULATION COUNCIL, INC.
(72) MALCOLM Karl, BOYD Peter, LAMB Dolores J, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.01.2024 AP/P/2025/016696

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(21) AP/P/2025/016697
(22) 10.03.2016
(23) 08.08.2025
(31) 62/133,800
(32) 16.03.2015 (33) US
(31) 15159067.6
(32) 13.03.2015 (33) EP
(51) **G10L 19/00 (2013.01)**
(54) DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT
(71) DOLBY INTERNATIONAL AB
(72) EKSTRAND Per, PURNHAGEN Heiko and VILLEMOES Lars
(74) SPOOR.FISHER
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 10.03.2016 AP/P/2025/016697

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(21) AP/P/2025/016698
(22) 27.01.2024
(23) 08.08.2025
(31) 202241043132
(32) 27.01.2023 (33) IN
(51) **F04D 29/38 (2006.01)**
(54) BLADING SYSTEM FOR AXIAL COMPRESSORS WITH AXIALLY OPPOSING BASE MERGED DOUBLE TRIANGULAR PRISM DEVICE BLADES
(71) SPACEROLLS AEROSPACE TECHNOLOGIES PRIVATE LIMITED
(72) RASHEED C Mohammed
(74) Becky and Tsilo Agency Private Business Corporation
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 27.01.2024 AP/P/2025/016698

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(21) AP/P/2025/016699
(22) 12.01.2023
(23) 11.08.2025
(51) **A61M 5/178 (2006.01)**
A61M 5/50 (2006.01)
A61M 5/31 (2006.01)
(54) SINGLE-USE SYRINGE WITH AUTOMATIC LOCKING CLIP
(71) REVITAL HEALTHCARE (EPZ) LIMITED
(72) MEHTA Harsh and NAYAK Pramod Kumar
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ, UG
(96) 12.01.2023 AP/P/2025/016699

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(21) AP/P/2025/016700
(22) 06.05.2023
(23) 12.08.2025
(31) 202341002655
(32) 12.01.2023 (33) IN
(51) **A61K 9/00 (2006.01)**
A01N 25/04 (2006.01)
(54) CONTROLLED RELEASE SEMI-SOLID EMULSION FORMULATIONS OF SEMIOCHEMICALS
(71) ATGC BIOTECH PRIVATE LIMITED and PHEROMONES BIOTECH LLP
(72) MUKUL Mukesh Kumar, PATIL Vishal, MAGANTI Radha Srikrishna, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE
(96) 06.05.2023 AP/P/2025/016700

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016701
(22) 12.01.2024
(23) 12.08.2025
(31) 63/438,899
(32) 13.01.2023 (33) US
(51) **B07B 1/28 (2006.01)**
B07B 1/46 (2006.01)
(54) APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
(71) DERRICK CORPORATION
(72) STODOLKA Kurt and NEWMAN Christian
(74) ENSafrica Namibia
(84) GH, LR, MZ, NA
(96) 12.01.2024 AP/P/2025/016701

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(21) AP/P/2025/016702
(22) 16.01.2024
(23) 13.08.2025
(31) 23315009.3
(32) 18.01.2023 (33) EP
(51) **A61P 17/02 (2006.01)**
A61P 19/02 (2006.01)
A61P 1/04 (2006.01)
A61P 29/00 (2006.01)
A61P 17/06 (2006.01)
A61K 31/501 (2006.01)
CO7D 471/04 (2006.01)
(54) PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF INFLAMMATORY DISORDERS
(71) GALAPAGOS NV
(72) KAYAERT Pieterjan Geert Christiane Bart, PRAT-LACONDEMINE Laurence Josette Yvette and SCHRANCK Johannes
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 16.01.2024 AP/P/2025/016702

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(21) AP/P/2025/016703
(22) 14.08.2025
(23) 14.08.2025
(31) 18/806,476
(32) 15.08.2024 (33) US
(51) **B01F 101/22 (2022.01)**
C07C 69/593 (2006.01)
C07C 69/602 (2006.01)
C07C 67/00 (2006.01)
C07C 69/00 (2006.01)
A61K 31/21 (2006.01)
C07C 691/593 (2006.01)
C07C 69/602 (2006.01)
(54) COMPOSITIONS AND METHODS FOR ENHANCING THE EFFICACY OF DICARBOXYLIC ACID ESTERS, AND USES THEREOF
(71) NEW FRONTIER LABS, LLC
(72) STREEPER Robert T and IZBICKA Elzbieta
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 14.08.2025 AP/P/2025/016703

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(21) AP/P/2025/016704
(22) 12.02.2024
(23) 15.08.2025
(31) 202341010348
(32) 16.02.2023 (33) IN
(51) **B62J 15/00 (2006.01)**
(54) A REAR FENDER ASSEMBLY
(71) TVS MOTOR COMPANY LIMITED
(72) ATHISH Sreenivasan, THIRUMAL Joghee and SRIDHAR Balaguru
(74) SAMURIWO ATTORNEYS
(84) GH
(86) 12.02.2024 PCT/İN2024/050136
(96) 12.02.2024 AP/P/2025/016704

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(21) AP/P/2025/016705
(22) 22.10.2020
(23) 15.08.2025
(31) 63/028,187
(32) 25.05.2020 (33) US
(31) 62/926,270
(32) 25.10.2019 (33) US
(51) **A61K 31/4427 (2006.01)**
C07D 471/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/10 (2006.01)
C07D 493/10 (2006.01)
A61P 3/10 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/10 (2006.01)
C07D 401/10 (2006.01)
C07D 401/14 (2006.01)
C07D 403/06 (2006.01)
C07D 403/10 (2006.01)
(54) GLP-1R MODULATING COMPOUNDS
(71) GILEAD SCIENCES, INC.
(72) TAYLOR James G, SZEWCZYK Suzanne M, SHORE Daniel G, et al
(74) B. W. KAHARI LEGAL PRACTITIONERS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 22.10.2020 PCT/US2020/056867
(96) 22.10.2020 AP/P/2025/016705

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(21) AP/P/2025/016706
(22) 22.01.2024
(23) 19.08.2025
(31) 63/440,257
(32) 20.01.2023 (33) US
(51) **G06Q 20/40 (2006.01)**
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
G08Q 20/10/2012 (2012.01)
G06Q 20/32/ (2012.01)
G06Q 20/36 (2012.01)
(54) SYSTEMS AND METHODS USING ELECTRONIC WALLET, SMART DIGITAL CURRENCY, AND BIOMETRIC DATA FOR TRANSACTIONS
(74) ADAMS AND ADAMS MOZAMBIQUE
(75) QUADRI Fatai and ASADE Abiodun
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 22.01.2024 PCT/US2024/012466
(96) 22.01.2024 AP/P/2025/016706

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(21) AP/P/2025/016707
(22) 22.02.2024
(23) 19.08.2025
(31) 63/486,396
(32) 22.02.2023 (33) US
(51) **A01N 65/28 (2009.01)**
C07C 237/04 (2006.01)
A01N 65/26 (2009.01)
A61Q 17/02 (2006.01)
A61P 23/02 (2006.01)
A01N 65/24 (2009.01)
A61P 33/00 (2006.01)
A01N 47/16 (2006.01)
A61K 31/167 (2006.01)
A01N 65/22 (2009.01)
A01N 43/90 (2006.01)
A61K 9/00 (2006.01)
A61D 1/06 (2006.01)
A01N 37/18 (2006.01)
A61K 8/02 (2006.01)
A61D 1/04 (2006.01)
A01N 35/02 (2006.01)
A01N 25/34 (2006.01)
A01N 25/34 (2006.01)
A01N 31/04 (2006.01)
A01N 25/10 (2006.01)
A01P 7/04 (2009.01)
A61D 7/00 (2006.01)
A01N 65/44 (2006.01)
(54) METHODS OF INSECT CONTROL FOR AN ANIMAL, PRODUCTS THEREOF AND METHODS FOR THEIR PREPARATION
(71) CHINOOK CONTRACT RESEARCH INC.
(72) ROSS Joseph, OLSON Merle and ALLAN Nicholas
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) KE, SD, TZ, UG, ZM, ZW
(96) 22.02.2024 AP/P/2025/016707

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016708
(22) 08.12.2023
(23) 19.08.2025
(31) 63/506.976
(32) 08.06.2023 (33) US
(31) 63/484,450
(32) 10.02.2023 (33) US
(31) 63/484,474
(32) 10.02.2023 (33) US
(51) **C01B 33/20 (2006.01)**
C04B 14/06 (2006.01)
C04B 28/02 (2006.01)
C04B 18/06 (2006.01)
(54) SILICATES AND/OR SALTS AND METHODS OF PRODUCTION AND USES THEREOF
(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(72) MOWBRAY Benjamin, PRAWIRA Jacqueline, HUNT Camden, et al
(74) SPOOR.FISHER
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 08.12.2023 PCT/US2023/083259
(96) 08.12.2023 AP/P/2025/016708

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(21) AP/P/2025/016709
(22) 23.01.2024
(23) 20.08.2025
(31) 2023-036591
(32) 09.03.2023 (33) JP
(51) **A01G 7/00 (2006.01)**
(54) METHOD FOR UTILIZING POORLY-SOLUBLE PHOSPHORIC ACID AND METHOD FOR CULTIVATING PLANT BODIES
(71) AQUASOLUTION CORPORATION
(72) OKUYAMA Yuichi and TANAKA Hiroyuki
(74) HUSSEIN & Co.
(84) GH, KE, TZ
(96) 23.01.2024 AP/P/2025/016709

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(21) AP/P/2025/016710
(22) 23.02.2024
(23) 20.08.2025
(31) 202321012658
(32) 24.02.2023 (33) IN
(51) **AOIN 25/30 (2006.01)**
AOIN 47/14 (2006.01)
AOIN 47/14 (2006.01)
AOIP 3/00 (2006.01)
AOIN 47/14 (2006.01)
(54) FUNGICIDAL COMPOSITION
(71) UPL LIMITED
(72) OLTIKAR Vikas and SAPKALE Pradeep
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, MW, TZ
(86) 23.02.2024 PCT/İN2024/050198
(96) 23.02.2024 AP/P/2025/016710

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(21) AP/P/2025/016711
(22) 29.02.2024
(23) 21.08.2025
(31) 23159456.5
(32) 01.03.2023 (33) EP
(51) **C12C 12/04 (2006.01)**
C12N 3/00 (2006.01)
C12C 11/00 (2006.01)
C12C 11/00 (2006.01)
(54) LOW DIACETYL YEAST PROGENY STRAINS
(71) CARLSBERG A/S
(72) LARSEN Isabella Jane, KATZ Michael, FENNESSY Ross, et al
(74) SPOOR.FISHER
(84) KE
(96) 29.02.2024 AP/P/2025/016711

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(21) AP/P/2025/016712
(22) 14.02.2024
(23) 21.08.2025
(31) 2023/03282
(32) 03.03.2023 (33) ZA
(51) **C22B 47/00 (2006.01)**
C22B 3/20 (2006.01)
C01G 45/10 (2006.01)
(54) PRODUCTION OF MnSO4
(71) INNOVATIVE MANGANESE TECHNOLOGIES SA (PTY) LTD.
(72) PRETORIUS Gerard
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, NA, ZM, ZW
(86) 14.02.2024 PCT/İB2024/051367
(96) 14.02.2024 AP/P/2025/016712

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(21) AP/P/2025/016713
(22) 13.02.2024
(23) 21.08.2025
(31) 23156251.3
(32) 13.02.2023 (33) EP
(51) **C08J 11/14 (2006.01)**
D06M 11/36 (2006.01)
(54) PROCESS AND PLANT FOR RECYCLING TEXTILES
(71) RE UP GERI DÖNÜSÜM SANAYI VE TICARET A.Ş
(72) AKBULUT Sabrettin, UZ Hazel, DEDE Yavuz, et al
(74) COGHLAN, WELSH & GUEST
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 13.02.2024 PCT/EP2024/053619
(96) 13.02.2024 AP/P/2025/016713

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(21) AP/P/2025/016714
(22) 01.03.2024
(23) 21.08.2025
(31) 10 2023 105 177.6
(32) 02.03.2023 (33) DE
(51) **F24F 110/20 (2018.01)**
F24F 6/14 6/14 (2006.01)
F24F 6/12 (2006.01)
F24F 5/00 (2024.01)
(54) TEMPERATURE-CONTROL ARRANGEMENT, METHOD FOR THE INSTALLATION THEREOF AND METHOD FOR CONTROLLING THE TEMPERATURE OF A ROOM
(71) HIPPOKRATES GMBH
(72) VON GEHREN Martin and BELKA Jonny
(74) SPOOR.FISHER
(84) GH, KE, MZ, NA, TZ, ZM, ZW
(86) 01.03.2024 PCT/EP2024/055478
(96) 01.03.2024 AP/P/2025/016714

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(21) AP/P/2025/016715
(22) 23.02.2024
(23) 21.08.2025
(31) 63/448,060
(32) 24.02.2023 (33) US
(51) **BOID 11/04 (2006.01)**
(54) SOLVENT EXTRACTION METHOD AND SYSTEM
(71) INNOVATION METALS CORP.
(72) FORRESTER Kurt, DAVIS Boyd, TEUMA-CASTELLETTI Robert, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 23.02.2024 AP/P/2025/016715

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(21) AP/P/2025/016716
(22) 28.12.2023
(23) 21.08.2025
(31) 202310084275.7
(32) 18.01.2023 (33) CN
(51) **A61P 31/20 (2006.01)**
A61K 39/275 (2006.01)
C12N 15/39 (2006.01)
A61K 39/285 (2006.01)
C12N 15/62 (2006.01)
(54) NUCLEIC ACID VACCINE AGAINST MONKEYPOX VIRUS AND USE THEREOF
(71) INSTITUTE OF MICROBIOLOGY, CHINESE ACADEMY OF SCIENCES
(72) KONG Tianxiang, WANG Han, DU Pei, et al
(74) NGWENYA Mthokozisi
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, SC, SD, SL, ST, SZ, TZ, ZM, ZW
(96) 28.12.2023 AP/P/2025/016716

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016717
(22) 01.03.2024
(23) 22.08.2025
(31) 63/618,233
(32) 05.01.2024 (33) US
(31) 63/613,712
(32) 21.12.2023 (33) US
(31) 63/601,617
(32) 21.11.2023 (33) US
(31) 63/578,854
(32) 25.08.2023 (33) US
(31) 63/495,869
(32) 13.04.2023 (33) US
(31) 63/489,837
(32) 13.03.2023 (33) US
(31) 63/488,386
(32) 03.03.2023 (33) US
(51) **C12N 15/113 (2010.01)**
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
C07K 16/40 (2006.01)
(54) SYSTEMS TARGETING PSMA AND CA9
(71) ARSENAL BIOSCIENCES, INC.
(72) GARDNER Thomas, YAO Anzhi, CASBON Amy-Jo, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 01.03.2024 AP/P/2025/016717

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(21) AP/P/2025/016718
(22) 13.03.2024
(23) 22.08.2025
(31) 63/613,713
(32) 21.12.2023 (33) US
(31) 63/495,865
(32) 13.04.2023 (33) US
(31) 63/489,842
(32) 13.03.2023 (33) US
(51) **C07K 14/71 (2006.01)**
C07K 14/705 (2006.01)
C12N 15/62 (2006.01)
C07K 14/715 (2006.01)
(54) SYNTHETIC PATHWAY ACTIVATORS
(71) ARSENAL BIOSCIENCES, INC.
(72) YAO Anzhi, GARDNER Thomas and GRAY-RUPP Levi
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 13.03.2024 AP/P/2025/016718

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(21) AP/P/2025/016719
(22) 23.02.2024
(23) 22.08.2025
(31) 2302739.4
(32) 24.02.2023 (33) GB
(51) **E21B 43/12 (2006.01)**
E21B 17/20 (2006.01)
E21B 33/04 (2006.01)
E21B 19/22 (2006.01)
(54) APPARATUS, SYSTEM AND METHOD FOR USE IN ARTIFICIAL LIFT OPERATIONS
(71) PARADIGM FLOW SERVICES LIMITED
(72) KEOGH Kevin
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 23.02.2024 AP/P/2025/016719

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(21) AP/P/2025/016720
(22) 19.02.2024
(23) 25.08.2025
(31) 202321011330
(32) 17.02.2023 (33) IN
(51) **A01N 43/78 (43/78 (2024.01)**
A01N 25/14 (2006.01)
C07D 277/64 (2006.01)
A01N 43/08 (2006.01)
A01N 25/12 (2006.01)
C07D 333/10 (2006.01)
A01N 43/44 (2006.01)
A01N 25/04 (2006.01)
C07C 279/04 (2006.01)
A01N 43/10 (2006.01)
C07C 279/04 (2006.01)
(54) COMPOUNDS, THEIR COMPOSITION AND THEIR USE AS NEMATICIDES
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) LINGAM Venkata Siva Prasada Rao and BHUKHANWALA Komal
(84) KE
(86) 19.02.2024 PCT/İN2024/050177
(96) 19.02.2024 AP/P/2025/016720

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(21) AP/P/2025/016721
(22) 01.03.2024
(23) 26.08.2025
(31) 202311014053
(32) 02.03.2023 (33) IN
(51) **AOIN 25/14 (2006.01)**
A01N 47/24 (2006.01)
AOIP 13/00 (2006.01)
(54) A METHOD FOR CONTROLLING RESISTANT WEEDS
(71) UPL EUROPE SUPPLY CHAIN GMBH and UPL MAURITIUS LIMITED
(72) BARBERIS Santiago and CABONA Fernando César
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, SD, UG
(86) 01.03.2024 PCT/İB2024/052004
(96) 01.03.2024 AP/P/2025/016721

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(21) AP/P/2025/016722
(22) 29.12.2023
(23) 26.08.2025
(31) 20235177
(32) 16.02.2023 (33) FI
(51) **H04W 48/20 (2009.01)**
H04W 48/02 (2009.01)
(54) REDUCED CAPABILITY DEVICE AND CELL ACCESS
(71) NOKIA TECHNOLOGIES OY
(72) KOSKINEN Jussi-Pekka and TURTINEN Samuli Heikki
(74) Galloway & Co (NA)
(84) GH, KE, MZ, TZ, UG
(96) 29.12.2023 AP/P/2025/016722

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(21) AP/P/2025/016723
(22) 26.01.2024
(23) 26.08.2025
(31) 20237040
(32) 27.02.2023 (33) FI
(51) **H04W 72/0453 (2023.01)**
H04W 72/23 (2023.01)
(54) REDUCED CAPABILITY DEVICE AND FREQUENCIES
(71) NOKIA TECHNOLOGIES OY
(72) KOSKINEN Jussi-Pekka and TURTINEN Samuli Heikki
(74) Galloway & Co (NA)
(84) GH, KE, MZ, TZ, UG
(96) 26.01.2024 AP/P/2025/016723

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(21) AP/P/2025/016724
(22) 22.01.2024
(23) 26.08.2025
(31) 20235149
(32) 14.02.2023 (33) FI
(51) **H04L 5/00 (2006.01)**
(54) UPLINK SOUNDING REFERENCE SIGNAL TRANSMISSION MECHANISM
(71) NOKIA TECHNOLOGIES OY
(72) YUK Youngsoo, KOSKELA Timo, HAKOLA Sami-Jukka, et al
(74) Galloway & Co (NA)
(84) KE, TZ
(96) 22.01.2024 AP/P/2025/016724

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016725
(22) 02.02.2024
(23) 26.08.2025
(31) 63/542,164
(32) 03.10.2023 (33) US
(31) 63/483,052
(32) 03.02.2023 (33) US
(51) **A61P 33/06 (2006.01)**
C07K 16/20 (2006.01)
A61K 39/395 (2006.01)
G01N 33/569 (2006.01)
(54) ANTI-CSP ANTIBODY VARIANTS
(71) ATRECA, INC.
(72) GUERRERO Steve, WILLIAMS Katherine J and EMERLING Daniel Eric
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, SC, SD, SL, ST, SZ, TZ, ZM, ZW
(96) 02.02.2024 AP/P/2025/016725

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(21) AP/P/2025/016726
(22) 19.02.2024
(23) 26.08.2025
(31) 202321011330
(32) 17.02.2023 (33) IN
(51) **A01N 25/00 (2006.01)**
A01N 43/44 (2006.01)
A01N 37/52 (2006.01)
A01N 43/74 (2006.01)
C07D 307/10 (2006.01)
A01N 43/28 (2006.01)
C07C 279/04 (2006.01)
C07D 307/06 (2006.01)
C07C 279/14 (2006.01)
(54) NEMATICIDAL COMPOUNDS, THEIR COMPOSITION AND USE THEREOF
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) LINGAM Venkata Siva Prasada Rao and BHUKHANWALA Komal
(84) KE
(96) 19.02.2024 AP/P/2025/016726

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(21) AP/P/2025/016727
(22) 26.08.2025
(23) 26.08.2025
(31) 202541014019
(32) 18.02.2025 (33) IN
(51) **B60R 5/00 (2006.01)**
H02J 7/00 (2006.01)
(54) AN INTEGRATED COMPARTMENT FOR AN ELECTRIC VEHICLE
(71) SUN MOBILITY PTE LTD.
(72) DHARANI Rajendiran, SRAVYA Pidugu, ANANTHA Kannan S, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016727

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(21) AP/P/2025/016728
(22) 26.08.2025
(23) 26.08.2025
(31) 202541008038
(32) 30.01.2025 (33) IN
(51) **B60K 1/04 (2019.01)**
B60L 50/64 (2019.01)
(54) A DOCK FOR AN ELECTRIC VEHICLE AND METHODS OF INSTALLING THE SAME
(71) SUN MOBILITY PTE LTD.
(72) SOMAYAJI Yajna, K Sathish Prabhakar, M Ajeethkumar, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016728

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(21) AP/P/2025/016729
(22) 20.03.2024
(23) 26.08.2025
(31) 202441019857
(32) 18.03.2024 (33) IN
(51) **H01M 50/10 (2021.01)**
H01M 10/65 (2014.01)
B60L 50/64 (2019.01)
H01M 50/20 (2021.01)
(54) A PORTABLE ENERGY STORAGE DEVICE
(71) SUN MOBILITY PTE LTD.
(72) H Manjunatha, REDDY Hari Prasad, KULKARNI Mukund, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 20.03.2024 AP/P/2025/016729

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(21) AP/P/2025/016730
(22) 26.08.2025
(23) 26.08.2025
(31) 202541027397
(32) 24.03.2025 (33) IN
(51) **B60L 53/60 (2019.01)**
B60L 53/80 (2019.01)
B60L 53/00 (2019.01)
(54) A MODULAR POWER SYSTEM FOR A CHARGING AND INTERCHANGE STATION AND METHODS OF OPERATION THEREOF
(71) SUN MOBILITY PTE LTD.
(72) DASH Soumya, S Karthikeyan, B Viswanathan, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016730

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(21) AP/P/2025/016731
(22) 26.08.2025
(23) 26.08.2025
(31) 202541005353
(32) 22.01.2025 (33) İN
(51) **B60L 58/26 (2019.01)**
B60K 1/04 (2019.01)
B60K 11/06 (2006.01)
B60L 58/10 (2019.01)
(54) A BATTERY DOCK
(71) SUN MOBILITY PTE LTD.
(72) SONTAKKE Rajendra, CHANDRAPPA Manjunath, DC Manjunath, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016731

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(21) AP/P/2025/016732
(22) 26.08.2025
(23) 26.08.2025
(31) 202541037016
(32) 16.04.2025 (33) IN
(51) **B60L 53/80 (2019.01)**
B60L 53/16 (2019.01)
B60L 50/64 (2019.01)
(54) AN ELECTRICAL CONNECTOR FOR A SWAPPABLE BATTERY PACK
(71) SUN MOBILITY PTE LTD.
(72) KULKARNI Mukund, PIDUGU Sravya, KANNAN Anantha, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016732

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(21) AP/P/2025/016733
(22) 26.08.2025
(23) 26.08.2025
(31) 202541037414
(32) 17.04.2025 (33) IN
(51) **B60L 53/60 (2019.01)**
B60L 53/30 (2019.01)
B60L 53/302 (2019.01)
(54) A THERMAL MODULE IN A CHARGING AND INTERCHANGE STATION AND METHODS OF OPERATING THE SAME
(71) SUN MOBILITY PTE LTD.
(72) S Karthikeyan, DC Manjunath and ARJUN Arjun V
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016733

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016734
(22) 26.08.2025
(23) 26.08.2025
(31) 202541005360
(32) 22.01.2025 (33) IN
(51) **B60L 53/30 (2019.01)**
B60L 53/80 (2019.01)
B60K 1/04 (2019.01)
(54) A LOCKING UNIT FOR A BATTERY CHARGING AND INTERCHANGE STATION
(71) SUN MOBILITY PTE LTD.
(72) B Viswanathan, P Bharath, AWASTHI Kartik, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG
(96) 26.08.2025 AP/P/2025/016734

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(21) AP/P/2025/016735
(22) 27.03.2024
(23) 27.08.2025
(31) 63/624,959
(32) 25.01.2024 (33) US
(31) 63/584,134
(32) 20.09.2023 (33) US
(31) 63/492,715
(32) 28.03.2023 (33) US
(31) 63/492,715
(32) 24.05.2023 (33) US
(51) **A61K 38/39 (2006.01)**
A61P 37/06 (2006.01)
A61K 38/16 (2006.01)
A61P 19/02 (2006.01)
(54) CD40L-SPECIFIC TN3-DERIVED SCAFFOLDS FOR THE TREATMENT AND PREVENTION OF SJOGREN'S SYNDROME
(71) VIELA BIO, INC.
(72) WANG Liangwei, DER Kenneth R, MURRAY Donna, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW
(96) 27.03.2024 AP/P/2025/016735

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(21) AP/P/2025/016736
(22) 04.03.2024
(23) 27.08.2025
(31) 2023-032698
(32) 03.03.2023 (33) JP
(51) **C12N 1/20 (2006.01)**
C07K 14/37 (2006.01)
C12N 1/20 (2006.01)
A61K 39/005 (2006.01)
C07K 16/20 (2006.01)
A61P 33/02 (2006.01)
(54) PREVENTIVE OR THERAPEUTIC AGENT FOR DISEASES CAUSED BY PARASITES
(71) MITOCHONDRIA LABORATORY, NAGASAKI UNIVERSITY
and NATIONAL UNIVERSITY CORPORATION HOKKAIDO HIGHER EDUCATION AND RESEARCH SYSTEM
(72) YAMAMOTO Masakazu, KITA Kiyoshi and SUGANUMA Keisuke
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE
(96) 04.03.2024 AP/P/2025/016736

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(21) AP/P/2025/016737
(22) 26.01.2024
(23) 27.08.2025
(31) 2301244.6
(32) 27.01.2023 (33) GB
(51) **A61P 33/06 (2006.01)**
A61K 39/015 (2006.01)
A61K 39/00 (2006.01)
(54) RH5-INTERACTING PROTEIN (RIPR) EGF DOMAIN (RIPR EGF) ANTIGEN-BASED MALARIA
(71) OXFORD UNIVERSITY INNOVATION LIMITED
(72) KING Lloyd D W, WILLIAMS Barnabas G and DRAPER Simon J
(74) HONEY & BLANCKENBERG
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 26.01.2024 AP/P/2025/016737

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(21) AP/P/2025/016738
(22) 11.05.2023
(23) 28.08.2025
(31) 18/133,284
(32) 11.04.2023 (33) US
(51) **E21B 34/08 (2006.01)**
E21B 34/16 (2006.01)
E21B 34/10 (2006.01)
E21B 41/00 (2006.01)
(54) DOWNHOLE FLOW CONTROL DEVICE WITH TURBINE CHAMBER INSERT
(71) HALLIBURTON ENERGY SERVICES, INC.
(72) GRECI Stephen Michael and MCCHESNEY Ryan W
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH
(96) 11.05.2023 AP/P/2025/016738

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(21) AP/P/2025/016739
(22) 01.02.2024
(23) 28.08.2025
(31) 202310190284.4
(32) 02.03.2023 (33) CN
(51) **A61K 9/14 (2006.01)**
A61P 21/04 (2006.01)
A61K 9/20 (2006.01)
A61K 36/258 (2006.01)
A61K 36/64 (2006.01)
(54) TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS AND USE THEREOF
(71) HEBEI YILING MEDICAL RESEARCH INSTITUTE CO., LTD
(72) WU Yiling
(74) Cronjé & Co.
(84) KE
(96) 01.02.2024 AP/P/2025/016739

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(21) AP/P/2025/016740
(22) 28.08.2025
(23) 28.08.2025
(31) 202421065312
(32) 29.08.2024 (33) IN
(51) **C02F 3/28 (2023.01)**
C02F 5/00 (2023.01)
C02F 5/08 (2023.01)
(54) AN AQUEOUS FORMULATION FOR CONTROLLING SCUM FORMATION
(71) INDIAN OIL CORPORATION LIMITED
(72) RAMAKUMAR Sankara Sri Venkata, BHATTACHARYYA Debasis, GUPTA Ravi Prakash, et al
(74) Cronjé & Co.
(84) GH, TZ, UG
(96) 28.08.2025 AP/P/2025/016740

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(21) AP/P/2025/016741
(22) 09.02.2024
(23) 28.08.2025
(31) 202321008761
(32) 10.02.2023 (33) IN
(51) **G06K 19/06 (2006.01)**
G06K 7/14 (2006.01)
(54) A SYSTEM AND A METHOD FOR VALIDATING QUICK RESPONSE CODE
(71) SEPIO PRODUCTS PRIVATE LIMITED
(72) SANGHAVI Dhaval, GANDHI Darshan Dhruman, KAMAT Dattaprasad Narayan, et al
(74) SAMURIWO ATTORNEYS
(84) TZ, UG
(96) 09.02.2024 AP/P/2025/016741

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(21) AP/P/2025/016742
(22) 07.02.2024
(23) 28.08.2025
(31) 2022/09407
(32) 28.02.2023 (33) ZA
(51) **C05C 7/02 (2006.01)**
(54) ADDITIVE AND METHOD OF MANUFACTURING SAME
(74) SAMURIWO ATTORNEYS
(75) BLOM Gert Frederick
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 07.02.2024 AP/P/2025/016742

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Patent Applications Filed (Contd.)

(21) AP/P/2025/016743
(22) 29.12.2023
(23) 29.08.2025
(31) 18/535,644
(32) 11.12.2023 (33) US
(31) 63/457,636
(32) 06.04.2023 (33) US
(51) **E21B 34/14 (2006.01)**
E21B 34/10 (2006.01)
(54) HIGH FLOW DEEPSET INSERT SAFETY VALVE
(71) HALLIBURTON ENERGY SERVICES, INC.
(72) KHANOUKI Hadi Arabnejad, VICK JR James Dan and GASSEN Matthew
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH
(86) 29.12.2023 PCT/US2023/086481
(96) 29.12.2023 AP/P/2025/016743

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(21) AP/P/2025/016744
(22) 09.02.2024
(23) 29.08.2025
(31) 2023-045633
(32) 22.03.2023 (33) JP
(51) **D01F 6/38 (2006.01)**
D01D 5/06 (2006.01)
D01F 6/18 (2006.01)
A41G 5/06 (2006.01)
D01D 5/253 (2006.01)
A41G 3/00 (2006.01)
D01F 6/40 (2006.01)
(54) POLYACRYLONITRILE-BASED FIBER BUNDLE FOR ARTIFICIAL HAIR, HEADDRESS PRODUCT CONTAINING SAME, AND METHOD FOR MANUFACTURING SAME
(71) KANEKA CORPORATION
(72) TANAKA Takeshi and YOSHIKAWA Megumi
(74) Cronjé & Co.
(84) GH, KE, MZ, TZ
(86) 09.02.2024 PCT/JP2024/004525
(96) 09.02.2024 AP/P/2025/016744

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(21) AP/P/2025/016745
(22) 22.04.2024
(23) 29.08.2025
(31) 10-2024-0003475
(32) 09.01.2024 (33) KR
(51) **B09B 3/35 (2022.01)**
B09B 101/15 (2022.01)
B09B 3/40 (2022.01)
(54) METHOD FOR RECYCLING WASTE SOLAR PANEL
(71) KOREA ZINC CO., LTD.
(72) KANG Sung Moon, JEONG Chan Ki and BYUN Seong Jin
(74) SPOOR.FISHER
(84) GH
(86) 22.04.2024 PCT/KR2024/005401
(96) 22.04.2024 AP/P/2025/016745

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Patent Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/009058	22.08.2025	04.09.2026	11th yr
AP/P/2019/011341	31.07.2025	12.08.2026	8th yr
AP/P/2021/012980	31.07.2025	06.08.2026	6th yr
AP/P/2021/012990	13.08.2025	22.08.2026	6th yr
AP/P/2021/013022	11.08.2025	09.09.2026	6th yr
AP/P/2021/013196	20.08.2025	17.10.2025	5th yr
AP/P/2021/013531	13.08.2025	05.10.2026	4th yr
AP/P/2021/013714	06.08.2025	01.07.2026	5th yr
AP/P/2022/013796	31.07.2025	10.08.2026	8th yr
AP/P/2022/013824	31.07.2025	10.08.2026	5th yr
AP/P/2022/013832	31.07.2025	13.08.2026	5th yr
AP/P/2022/013858	21.08.2025	25.07.2026	5th yr
AP/P/2022/013861	18.08.2025	21.08.2026	5th yr
AP/P/2022/013866	14.08.2025	27.08.2026	5th yr
AP/P/2022/013880	25.08.2025	12.09.2026	5th yr
AP/P/2022/013883	11.08.2025	28.09.2026	5th yr
AP/P/2022/013890	13.08.2025	13.08.2026	5th yr
AP/P/2022/013901	22.08.2025	25.09.2026	5th yr
AP/P/2022/013926	21.08.2025	28.08.2026	5th yr
AP/P/2022/013982	08.08.2025	04.09.2026	5th yr
AP/P/2022/013985	26.08.2025	10.11.2026	5th yr
AP/P/2022/013998	11.08.2025	04.09.2026	5th yr
AP/P/2022/014005	21.08.2025	30.09.2026	5th yr
AP/P/2022/014051	16.08.2025	22.10.2022	1st yr
AP/P/2022/014218	10.08.2025	23.11.2022	1st yr
AP/P/2023/014651	11.08.2025	28.09.2026	7th yr
AP/P/2023/014680	08.08.2025	09.08.2026	4th yr
AP/P/2023/014684	25.08.2025	26.07.2026	4th yr
AP/P/2023/014697	31.07.2025	13.08.2026	4th yr
AP/P/2023/014701	31.07.2025	06.08.2026	4th yr
AP/P/2023/014704	13.08.2025	17.08.2026	4th yr
AP/P/2023/014715	15.08.2025	24.08.2026	4th yr
AP/P/2023/014719	25.08.2025	23.08.2026	4th yr
AP/P/2023/014725	07.08.2025	06.08.2026	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2023/014726	11.08.2025	01.09.2026	4th yr
AP/P/2023/014727	22.08.2025	01.09.2026	4th yr
AP/P/2023/014728	11.08.2025	01.09.2026	4th yr
AP/P/2023/014746	07.08.2025	26.08.2026	4th yr
AP/P/2023/014749	08.08.2025	10.08.2026	4th yr
AP/P/2023/014752	11.08.2025	16.09.2026	4th yr
AP/P/2023/014757	13.08.2025	14.08.2026	4th yr
AP/P/2023/014761	15.08.2025	06.09.2026	4th yr
AP/P/2023/014763	11.08.2025	23.09.2026	4th yr
AP/P/2023/014767	13.08.2025	17.08.2026	4th yr
AP/P/2023/014785	26.08.2025	30.08.2026	4th yr
AP/P/2023/014787	25.08.2025	31.08.2026	4th yr
AP/P/2023/014791	26.08.2025	30.08.2026	4th yr
AP/P/2023/014798	06.08.2025	24.09.2026	4th yr
AP/P/2023/014802	22.08.2025	03.09.2026	4th yr
AP/P/2023/014803	25.08.2025	22.09.2026	4th yr
AP/P/2023/014819	22.08.2025	18.09.2026	4th yr
AP/P/2023/014916	01.08.2025	18.11.2026	4th yr
AP/P/2023/014929	27.08.2025	31.05.2026	2nd yr
AP/P/2023/014974	14.08.2025	23.12.2023	1st yr
AP/P/2023/015032	22.08.2025	26.09.2026	6th yr
AP/P/2023/015048	29.07.2025	08.02.2026	4th yr
AP/P/2023/015076	15.08.2025	17.08.2026	2nd yr
AP/P/2023/015126	16.08.2025	08.02.2024	1st yr
AP/P/2023/015167	08.08.2025	12.03.2026	4th yr
AP/P/2023/015268	16.08.2025	29.03.2024	1st yr
AP/P/2023/015329	26.08.2025	09.06.2026	3rd yr
AP/P/2023/015333	06.08.2025	07.11.2026	3rd yr
AP/P/2024/015459	18.08.2025	08.09.2026	3rd yr
AP/P/2024/015471	08.08.2025	26.10.2026	4th yr
AP/P/2024/015502	08.08.2025	08.08.2026	3rd yr
AP/P/2024/015507	05.08.2025	05.08.2026	3rd yr
AP/P/2024/015509	31.07.2025	10.08.2026	3rd yr
AP/P/2024/015523	13.08.2025	11.08.2026	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2024/015526	13.08.2025	12.08.2026	3rd yr
AP/P/2024/015529	05.08.2025	05.08.2026	3rd yr
AP/P/2024/015535	19.08.2025	27.08.2026	3rd yr
AP/P/2024/015537	08.08.2025	27.07.2026	3rd yr
AP/P/2024/015538	21.08.2025	29.07.2026	3rd yr
AP/P/2024/015543	31.07.2025	18.08.2026	3rd yr
AP/P/2024/015547	07.08.2025	24.08.2026	3rd yr
AP/P/2024/015552	25.08.2025	24.08.2026	3rd yr
AP/P/2024/015555	25.08.2025	26.08.2026	3rd yr
AP/P/2024/015560	18.08.2025	21.08.2026	3rd yr
AP/P/2024/015562	13.08.2025	17.08.2026	3rd yr
AP/P/2024/015563	11.08.2025	08.09.2026	3rd yr
AP/P/2024/015570	08.08.2025	12.08.2026	3rd yr
AP/P/2024/015572	22.08.2025	15.09.2026	3rd yr
AP/P/2024/015578	31.07.2025	22.09.2026	3rd yr
AP/P/2024/015583	11.08.2025	17.09.2026	4th yr
AP/P/2024/015585	22.08.2025	03.09.2026	4th yr
AP/P/2024/015589	11.08.2025	30.09.2026	3rd yr
AP/P/2024/015591	11.08.2025	14.09.2026	3rd yr
AP/P/2024/015593	21.08.2025	13.09.2026	3rd yr
AP/P/2024/015594	13.08.2025	18.08.2026	3rd yr
AP/P/2024/015595	15.08.2025	19.08.2026	3rd yr
AP/P/2024/015603	26.08.2025	31.08.2026	3rd yr
AP/P/2024/015605	11.08.2025	22.08.2026	3rd yr
AP/P/2024/015609	25.08.2025	02.09.2026	3rd yr
AP/P/2024/015614	26.08.2025	30.08.2026	3rd yr
AP/P/2024/015615	08.08.2025	20.10.2026	3rd yr
AP/P/2024/015619	22.08.2025	23.09.2026	3rd yr
AP/P/2024/015622	22.08.2025	10.09.2026	4th yr
AP/P/2024/015625	15.08.2025	28.09.2026	3rd yr
AP/P/2024/015626	25.08.2025	07.09.2026	3rd yr
AP/P/2024/015627	25.08.2025	07.09.2026	3rd yr
AP/P/2024/015631	08.08.2025	09.09.2026	3rd yr
AP/P/2024/015646	07.08.2025	22.08.2026	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2024/015647	11.08.2025	24.09.2026	4th yr
AP/P/2024/015651	11.08.2025	23.09.2026	3rd yr
AP/P/2024/015681	08.08.2025	20.09.2026	3rd yr
AP/P/2024/015703	21.08.2025	05.10.2026	3rd yr
AP/P/2024/015707	16.08.2025	10.03.2018	1st yr
AP/P/2024/015832	18.08.2025	01.09.2026	2nd yr
AP/P/2024/015839	16.08.2025	22.12.2024	1st yr
AP/P/2024/015848	28.07.2025	15.07.2026	1st yr
AP/P/2024/015868	16.08.2025	21.02.2021	1st yr
AP/P/2024/015872	05.08.2025	18.10.2026	2nd yr
AP/P/2024/015949	25.08.2025	17.02.2027	3rd yr
AP/P/2024/015977	11.08.2025	24.09.2026	6th yr
AP/P/2024/015980	18.08.2025	17.02.2026	2nd yr
AP/P/2024/015989	08.08.2025	22.02.2026	2nd yr
AP/P/2024/015989	08.08.2025	22.02.2025	1st yr
AP/P/2024/016038	13.08.2025	02.09.2026	5th yr
AP/P/2024/016061	20.08.2025	13.04.2026	2nd yr
AP/P/2024/016136	14.08.2025	06.03.2022	1st yr
AP/P/2024/016136	14.08.2025	06.03.2022	1st yr
AP/P/2025/016217	21.08.2025	31.08.2026	2nd yr
AP/P/2025/016226	31.07.2025	31.07.2026	2nd yr
AP/P/2025/016243	11.08.2025	09.09.2026	6th yr
AP/P/2025/016244	04.08.2025	09.08.2026	2nd yr
AP/P/2025/016254	29.08.2025	11.08.2025	1st yr
AP/P/2025/016254	29.08.2025	11.08.2025	1st yr
AP/P/2025/016280	11.08.2025	13.09.2026	3rd yr
AP/P/2025/016283	01.08.2025	07.07.2026	2nd yr
AP/P/2025/016285	11.08.2025	07.09.2026	2nd yr
AP/P/2025/016288	11.08.2025	02.09.2026	3rd yr
AP/P/2025/016290	11.08.2025	30.09.2026	3rd yr
AP/P/2025/016291	11.08.2025	30.09.2026	3rd yr
AP/P/2025/016292	25.08.2025	14.09.2026	3rd yr
AP/P/2025/016293	25.08.2025	13.09.2026	2nd yr
AP/P/2025/016297	10.07.2025	26.07.2026	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2025/016303	25.08.2025	25.08.2026	2nd yr
AP/P/2025/016307	11.08.2025	11.09.2026	2nd yr
AP/P/2025/016308	11.08.2025	30.09.2026	3rd yr
AP/P/2025/016309	11.08.2025	06.12.2026	2nd yr
AP/P/2025/016311	11.08.2025	29.09.2026	2nd yr
AP/P/2025/016321	15.08.2025	23.08.2026	2nd yr
AP/P/2025/016334	19.08.2025	22.08.2026	2nd yr
AP/P/2025/016335	15.08.2025	18.09.2026	2nd yr
AP/P/2025/016339	13.08.2025	17.08.2026	2nd yr
AP/P/2025/016347	15.08.2025	11.12.2026	2nd yr
AP/P/2025/016348	26.08.2025	28.08.2026	2nd yr
AP/P/2025/016349	07.08.2025	24.08.2026	2nd yr
AP/P/2025/016353	11.08.2025	23.09.2026	3rd yr
AP/P/2025/016356	15.08.2025	11.12.2026	2nd yr
AP/P/2025/016362	22.08.2025	01.09.2026	2nd yr
AP/P/2025/016363	25.08.2025	13.09.2026	2nd yr
AP/P/2025/016366	25.08.2025	28.08.2026	2nd yr
AP/P/2025/016369	01.08.2025	02.08.2026	2nd yr
AP/P/2025/016371	11.08.2025	01.09.2026	2nd yr
AP/P/2025/016372	11.08.2025	30.09.2026	3rd yr
AP/P/2025/016393	25.08.2025	13.09.2026	3rd yr
AP/P/2025/016396	07.08.2025	16.08.2026	2nd yr
AP/P/2025/016398	15.08.2025	01.09.2026	2nd yr
AP/P/2025/016400	10.08.2025	24.04.2025	1st yr
AP/P/2025/016402	15.08.2025	21.09.2026	2nd yr
AP/P/2025/016403	18.08.2025	18.08.2026	2nd yr
AP/P/2025/016408	22.08.2025	12.09.2026	2nd yr
AP/P/2025/016414	22.08.2025	01.09.2026	2nd yr
AP/P/2025/016417	29.07.2025	07.09.2026	2nd yr
AP/P/2025/016422	22.08.2025	26.12.2026	3rd yr
AP/P/2025/016428	25.08.2025	06.09.2026	2nd yr
AP/P/2025/016431	13.08.2025	18.09.2026	2nd yr
AP/P/2025/016432	11.08.2025	29.09.2026	3rd yr
AP/P/2025/016433	11.08.2025	11.09.2026	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2025/016434	11.08.2025	20.09.2026	3rd yr
AP/P/2025/016435	11.08.2025	29.09.2026	3rd yr
AP/P/2025/016440	22.08.2025	21.09.2026	2nd yr
AP/P/2025/016442	11.08.2025	20.09.2026	2nd yr
AP/P/2025/016444	11.08.2025	30.09.2026	3rd yr
AP/P/2025/016451	11.08.2025	18.09.2026	2nd yr
AP/P/2025/016455	01.08.2025	26.09.2026	2nd yr
AP/P/2025/016471	10.07.2025	11.07.2026	2nd yr
AP/P/2025/016609	22.08.2025	27.11.2026	2nd yr
AP/P/2025/016617	10.07.2025	30.06.2027	1st yr
AP/P/2025/016619	01.08.2025	11.09.2026	5th yr
AP/P/2025/016623	15.08.2025	24.06.2027	1st yr
AP/P/2025/016627	10.07.2025	29.11.2025	1st yr
AP/P/2025/016647	21.08.2025	15.02.2026	1st yr
AP/P/2025/016648	19.08.2025	22.12.2025	1st yr
AP/P/2025/016649	08.08.2025	17.04.2025	1st yr
AP/P/2025/016649	08.08.2025	17.04.2026	2nd yr
AP/P/2025/016657	28.07.2025	30.01.2026	1st yr
AP/P/2025/016658	10.08.2025	13.02.2021	1st yr
AP/P/2025/016659	30.07.2025	26.12.2025	1st yr
AP/P/2025/016659	30.07.2025	26.12.2026	2nd yr
AP/P/2025/016660	30.07.2025	21.12.2025	1st yr
AP/P/2025/016660	30.07.2025	21.12.2026	2nd yr
AP/P/2025/016661	28.07.2025	23.01.2026	1st yr
AP/P/2025/016662	08.08.2025	08.02.2026	1st yr
AP/P/2025/016663	29.07.2025	13.10.2025	1st yr
AP/P/2025/016665	21.08.2025	29.01.2026	1st yr
AP/P/2025/016666	01.08.2025	19.01.2026	1st yr
AP/P/2025/016667	01.08.2025	20.12.2025	1st yr
AP/P/2025/016668	30.07.2025	31.01.2026	1st yr
AP/P/2025/016669	30.07.2025	02.02.2026	1st yr
AP/P/2025/016670	01.08.2025	15.01.2026	1st yr
AP/P/2025/016671	15.08.2025	30.01.2026	1st yr
AP/P/2025/016672	08.08.2025	12.01.2026	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2025/016673	08.08.2025	26.01.2025	1st yr
AP/P/2025/016673	08.08.2025	26.01.2026	2nd yr
AP/P/2025/016674	01.08.2025	02.02.2026	1st yr
AP/P/2025/016675	08.08.2025	11.01.2026	1st yr
AP/P/2025/016676	08.08.2025	12.01.2026	1st yr
AP/P/2025/016680	01.08.2025	03.01.2026	1st yr
AP/P/2025/016681	15.08.2025	30.11.2025	1st yr
AP/P/2025/016681	15.08.2025	30.11.2026	2nd yr
AP/P/2025/016682	05.08.2025	26.01.2026	1st yr
AP/P/2025/016684	11.08.2025	25.04.2021	1st yr
AP/P/2025/016684	11.08.2025	25.04.2022	2nd yr
AP/P/2025/016684	11.08.2025	25.04.2026	6th yr
AP/P/2025/016684	11.08.2025	25.04.2025	5th yr
AP/P/2025/016684	11.08.2025	25.04.2024	4th yr
AP/P/2025/016684	11.08.2025	25.04.2023	3rd yr
AP/P/2025/016685	11.08.2025	25.04.2021	1st yr
AP/P/2025/016685	11.08.2025	25.04.2022	2nd yr
AP/P/2025/016685	11.08.2025	25.04.2023	3rd yr
AP/P/2025/016685	11.08.2025	25.04.2024	4th yr
AP/P/2025/016685	11.08.2025	25.04.2025	5th yr
AP/P/2025/016685	11.08.2025	25.04.2026	6th yr
AP/P/2025/016686	08.08.2025	09.02.2026	1st yr
AP/P/2025/016687	08.08.2025	30.01.2026	1st yr
AP/P/2025/016688	08.08.2025	24.01.2026	1st yr
AP/P/2025/016689	11.08.2025	22.05.2026	1st yr
AP/P/2025/016690	11.08.2025	18.01.2026	1st yr
AP/P/2025/016691	15.08.2025	15.01.2026	1st yr
AP/P/2025/016692	11.08.2025	07.02.2026	1st yr
AP/P/2025/016693	11.08.2025	07.02.2026	1st yr
AP/P/2025/016694	11.08.2025	19.05.2023	1st yr
AP/P/2025/016694	11.08.2025	19.05.2024	2nd yr
AP/P/2025/016694	11.08.2025	19.05.2025	3rd yr
AP/P/2025/016694	11.08.2025	19.05.2026	4th yr
AP/P/2025/016696	13.08.2025	15.01.2026	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2025/016696	13.08.2025	15.01.2027	2nd yr
AP/P/2025/016697	15.08.2025	10.03.2018	1st yr
AP/P/2025/016697	15.08.2025	10.03.2019	2nd yr
AP/P/2025/016697	15.08.2025	10.03.2026	9th yr
AP/P/2025/016697	15.08.2025	10.03.2025	8th yr
AP/P/2025/016697	15.08.2025	10.03.2024	7th yr
AP/P/2025/016697	15.08.2025	10.03.2023	6th yr
AP/P/2025/016697	15.08.2025	10.03.2022	5th yr
AP/P/2025/016697	15.08.2025	10.03.2021	4th yr
AP/P/2025/016697	15.08.2025	10.03.2020	3rd yr
AP/P/2025/016699	13.08.2025	12.01.2025	1st yr
AP/P/2025/016699	13.08.2025	12.01.2026	2nd yr
AP/P/2025/016706	25.08.2025	22.01.2026	1st yr
AP/P/2025/016707	22.08.2025	22.02.2026	1st yr
AP/P/2025/016708	22.08.2025	08.12.2025	1st yr
AP/P/2025/016710	25.08.2025	23.02.2026	1st yr
AP/P/2025/016710	25.08.2025	23.02.2027	2nd yr
AP/P/2025/016711	22.08.2025	28.02.2026	1st yr
AP/P/2025/016712	25.08.2025	14.02.2026	1st yr
AP/P/2025/016712	25.08.2025	14.02.2027	2nd yr
AP/P/2025/016714	22.08.2025	01.03.2026	1st yr
AP/P/2025/016715	25.08.2025	23.02.2026	1st yr
AP/P/2025/016717	22.08.2025	01.03.2026	1st yr
AP/P/2025/016718	22.08.2025	13.03.2026	1st yr
AP/P/2025/016719	27.08.2025	23.02.2026	1st yr
AP/P/2025/016719	27.08.2025	23.02.2027	2nd yr
AP/P/2025/016721	27.08.2025	01.03.2026	1st yr

Patent Applications Lapsed/Abandoned

(21) AP/P/2019/011740
(23) 28.08.2025
(51) **A61P 31/06 (2006.01)**
A61K 31/4545 (2006.01)
A61K 31/498 (2006.01)
A61K 31/438 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/437 (2006.01)
A61K 31/47 (2006.01)
A61K 45/06 (2006.01)
(54) COMBINATION THERAPY
(71) JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(72) VILLELLAS ARILLA Maria Cristina, KOUL Anil and ANDRIES Koenraad Jozef Lodewijk Marcel
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2020/012520
(23) 25.07.2025
(51) **B04B 7/14 (2006.01)**
B04B 15/06 (2006.01)
B04B 7/08 (2006.01)
(54) A BOWL FOR A BATCH CENTRIFUGAL CONCENTRATOR
(71) GEKKO SYSTEMS PTY LTD
(72) LEWIS-GRAY Alexander Hamilton
(74) ENSafrica Namibia
(84) GH

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(21) AP/P/2021/013468
(23) 07.08.2025
(51) **C12N 15/113 (2010.01)**
A61P 31/20 (2006.01)
A61P 1/16 (2006.01)
A61K 9/00 (2006.01)
A61K 31/713 (2006.01)
(54) RNAi AGENTS FOR HEPATITIS B VIRUS INFECTION
(71) JANSSEN PHARMACEUTICALS, INC. and ARROWHEAD PHARMACEUTICALS, INC.
(72) KALMEIJER Ronald Cornelis Marie, LENZ Oliver, BEUMONT Maria Gloria, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2021/013518
(23) 28.08.2025
(51) **G01N 21/87 (2006.01)**
(54) SYSTEM FOR ASCERTAINING OPTICAL CHARACTERISTICS OF GEMSTONE
(71) GOLDWAY TECHNOLOGY LIMITED
(72) HUI Koon Chung and CHENG Ka Wing
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/013929
(23) 18.08.2024
(51) **C12N 7/00 (2006.01)**
A61P 31/14 (2006.01)
C12N 15/62 (2006.01)
A61K 39/215 (2006.01)
(54) THE USE OF THE AGENT FOR INDUCTION OF SPECIFIC IMMUNITY AGAINST SEVERE ACUTE RESPIRATORY SYNDROME VIRUS SARS-COV-2 FOR REVACCINATION OF POPULATION (VARIANTS)
(71) FEDERAL STATE BUDGETARY INSTITUTION "NATIONAL RESEARCH CENTRE FOR EPIDEMIOLOGY AND MICROBIOLOGY NAMED AFTER THE HONORARY ACADEMICIAN N.F. GAMALEYA" OF THE MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION
(72) GINTSBURG Aleksandr Leonidovich, LOGUNOV Denis Yuryevich, NARODITSKY Boris Savelievich, et al
(74) DAIMON CONSULTANCY SERVICES
(84) GH, UG

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(21) AP/P/2022/014261
(23) 11.08.2025
(51) **A61P 35/00 (2006.01)**
A61P 27/00 (2006.01)
A61P 29/00 (2006.01)
A61K 31/423 (2006.01)
A61K 31/438 (2006.01)
A61P 25/00 (2006.01)
C07D 413/08 (2006.01)
A61K 31/403 (2006.01)
C07D 401/08 (2006.01)
C07D 403/08 (2006.01)
(54) MONOACYLGLYCEROL LIPASE MODULATORS
(71) JANSSEN PHARMACEUTICA NV
(72) LIANG Jimmy T, LAFORTEZA Brian Ngo, GARCIA-REYNAGA Pablo, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014321
(23) 25.08.2025
(51) **C07H 19/207 (2006.01)**
A61K 31/7076 (2006.01)
A61P 31/14 (2006.01)
(54) HIGHLY ACTIVE COMPOUNDS AGAINST COVID-19
(71) ATEA PHARMACEUTICALS, INC.
(72) MOUSSA Adel and SOMMADOSSI Jean-Pierre
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2023/014983
(23) 15.08.2025
(51) **A01N 37/18 (2006.01)**
A01P 13/00 (2006.01)
A01N 43/76 (2006.01)
A01N 43/50 (2006.01)
(54) SYNERGISTIC HERBICIDAL COMPOSITIONS OF METAMIFOP
(71) PARIJAT INDUSTRIES (INDIA) PRIVATE LIMITED
(72) DHIMAN Sarvind, ANAND Uday and ANAND Shivraj
(74) ENSafrica Namibia
(84) KE, ZM

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(21) AP/P/2023/015039
(23) 04.08.2025
(51) **G08B 25/08 (2006.01)**
G08B 13/00 (2006.01)
G08B 21/00 (2006.01)
(54) FUEL THEFT DETECTION METHOD AND DEVICE
(71) YAZAKI CORPORATION
(72) INOUE Naoko, TAKANOHASHI Daisuke, MASUDA Tomohiro, et al
(74) FISHER CORMACK & BOTHA
(84) KE

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(21) AP/P/2023/015097
(23) 25.08.2025
(51) **A61Q 17/00 (2006.01)**
A61K 8/34 (2006.01)
(54) BIOCIDE COMPOSITIONS AND USES THEREOF
(71) PHARMOTECH SA
(72) AESCHBACH Rodin
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2023/015122
(23) 01.08.2025
(51) **C08L 5/00 (2006.01)**
C08L 5/12 (2006.01)
C08L 99/00 (2006.01)
C08B 37/00 (2006.01)
(54) BIOPLASTIC COMPOSITION, BIOPLASTIC PRODUCT INCLUDING THE SAME AND RELATIVE PRODUCTION PROCESS
(71) FLEXSEA LTD.
(72) FEDELI Carlo
(74) GILL, GODLONTON & GERRANS
(84) KE, MZ, TZ

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Patent Applications Lapsed/Abandoned (Contd.)

(21) AP/P/2023/015261
(23) 07.08.2025
(51) **A41D 13/11 (2006.01)**
A61K 36/752 (2006.01)
A61P 31/00 (2006.01)
(54) ANTIMICROBIAL ESSENTIAL OIL COMPOSITION, PRODUCT COMPRISING SAME, AND PREPARATION METHOD FOR PRODUCT THEREOF
(71) SHIJIAZHUANG YILING PHARMACEUTICAL CO., LTD.
(72) JIA Zhenhua
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, LR, MZ, NA, SD, TZ, UG, ZM, ZW

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(21) AP/P/2024/015505
(51) **C01C 1/12 (2023.01)**
E21B 41/00 (2023.01)
C07C 2523/89 (2023.01)
C07C 2521/04 (2023.01)
B01J 12/00 (2023.01)
B01J 19/24 (2023.01)
(54) THERMOCHEMICAL REACTIONS USING GEOTHERMAL ENERGY
(71) ENHANCEDGEO HOLDINGS, LLC
(72) KIMBERLY C Conner and LINDBERG Greg
(74) ENSafrica Namibia
(84) CV, KE, RW, TZ, UG

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(21) AP/P/2024/015518
(23) 07.08.2025
(51) **G06F 16/00 (2019.01)**
G06N 3/00 (2023.01)
G06N 20/00 (2019.01)
G06Q 50/18 (2023.01)
G06F 40/00 (2020.01)
(54) ARTIFICIAL INTELLIGENCE (AI) POWERED LAW CONSULTANT
(71) VIRTUAL LEGALIST PRIVATE LIMITED
(72) MPOFU Sikhumbuzo and MADZIKA Koshesayi
(74) Madzika Koshesayi
(84) MZ, RW, SC, TZ, ZW

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(21) AP/P/2024/015919
(23) 06.08.2025
(51) **A01N 33/12 (2006.01)**
A01N 47/44 (2006.01)
A01N 31/02 (2006.01)
(54) FUNGICIDES AND USES THEREOF
(71) UNIVERSITY OF EXETER
(72) GURR Sarah and STEINBERG Gero
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2024/015971
(23) 11.08.2025
(51) **C10G 1/00 (2006.01)**
(54) SYSTEM AND METHOD FOR CONTINUOUS HYDROTHERMAL LIQUEFACTION
(71) X2FUELS AND ENERGY PRIVATE LIMITED
(72) NALLASIVAM Jeganathan, SATYANARAYANAN Raghuraman Chakravarthy and VINU Ravikrishnan
(74) ENSafrica Namibia
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2024/015981
(23) 18.08.2025
(51) **A23L 29/00 (2016.01)**
A61K 36/00 (2006.01)
(54) NOVEL PHARMACEUTICAL OR NUTRACEUTICAL COMPOSITION FOR TREATING OR PREVENTING EPILEPSY
(71) ZENVISION PHARMA LLP
(72) SINGH Piyush Kumar, SINGH Alok Kumar, SINGH Anoop Kumar, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SC, SD, ST, TZ, ZM, ZW

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(21) AP/P/2024/016138
(23) 21.06.2025
(51) **B60J 1/00 (2006.01)**
(54) A WINDSHIELD ASSEMBLY FOR A VEHICLE AND A WINDSHIELD THEREOF
(71) TVS MOTOR COMPANY LIMITED
(72) SIVANANDI Palpandi and PARDESHI Vasudeo Aditya
(74) DAIMON CONSULTANCY SERVICES
(84) GH, KE, SD, TZ, UG

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Patents and Patent Applications Restored

(11) AP 6722
(22) 13.11.2018
(23) 27.05.2020
(24) 29.03.2023
(31) 62/586,382
(32) 15.11.2017 (33) US
(51) **C10L 5/36 (2006.01)**
C10L 5/46 (2006.01)
B09B 3/00 (2006.01)
(54) CONTINUOUS FLOW METHODS AND APPARATUSES FOR PROCESSING HUMAN WASTE
(71) SANIVATION LLC
(72) FOOTE Andrew Merrill and WOODS Emily Christine
(74) FISHER CORMACK & BOTHA
(84) KE, RW, TZ, UG
(86) 13.11.2018 PCT/US2018/060772
(96) 13.11.2018 AP/P/2020/012436

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(21) AP/P/2024/015794
(22) 22.07.2019
(23) 20.06.2024
(31) 62/740,596
(32) 03.10.2018 (33) US
(31) 62/730,563
(32) 13.09.2018 (33) US
(31) 62/702,072
(32) 23.07.2018 (33) US
(51) **A61P 3/04 (2006.01)**
A61P 3/10 (2006.01)
C07K 14/575 (2006.01)
A61K 38/00 (2006.01)
A61K 38/26 (2006.01)
C07K 14/605 (2006.01)
(54) GIP/GLP1 CO-AGONIST COMPOUNDS
(71) ELI LILLY AND COMPANY
(72) WILLARD Francis Stafford, WALLIS James Lincoln, TRAN Thi Thanh Huyen, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA
(86) 22.07.2019 PCT/US2019/042822
(96) 22.07.2019 AP/P/2024/015794

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Patents and Patent Applications Assigned

(11) AP 2687
(23) 30.07.2025
(51) **A23D 9/04 (2006.01)**
A23D 9/02 (2006.01)
A23D 9/06 (2006.01)
(54) A STERILIZER FOR TREATMENT OF OIL PALM AND SIMILAR FRUIT BUNCHES
(71) BESTEEL SDN BHD
(72) LEW Heng Mun
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 3675
(23) 13.08.2025
(51) **A61K 31/4184 (2006.01)**
(54) ANTIVIRAL DRUGS FOR TREATMENT OF ARENAVIRUS INFECTION
(71) PHILANTHROPOS THERPEUTICS LLC
(72) AMBERG Sean M, DAI Dongcheng, HRUBY Dennis E, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 4325
(23) 30.07.2025
(51) **A23L 3/00 (2006.01)**
(54) INSTALLATION FOR TREATMENT OF OIL PALM FRUITS
(71) BESTEEL SDN BHD
(72) LEW Heng Mun
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 6950
(23) 26.08.2025
(51) **B28C 7/06 (2006.01)**
B28C 9/00 (2006.01)
B28C 7/04 (2006.01)
(54) A CONCRETE BATCHING PLANT HAVING REDUCED CYCLE TIME AND REDUCED INSTALLATION AND DISMANTLING TIME
(71) CONCRAFT TECHNOLOGIES PRIVATE LIMITED
(72) BHAT Adde Jagadish
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(11) AP 7536
(23) 01.08.2025
(51) **A61K 31/4162 (2006.01)**
C07D 498/16 (2006.01)
C07D 498/18 (2006.01)
A61P 25/28 (2006.01)
(54) NEW MACROCYCLIC LRRK2 KINASE INHIBITORS
(71) ONCODESIGN PRECISION MEDICINE (OPM)
(72) DAUGAN Alain, LE TIRAN Arnaud, DENIS Alexis, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(11) AP 7691
(23) 13.08.2025
(51) **H01Q 21/20 (2006.01)**
H01Q 25/00 (2006.01)
H01Q 1/34 (2006.01)
H01Q 9/04 (2006.01)
H01Q 1/22 (2006.01)
(54) ANTENNA ARRAY MODULE
(71) MSC MEDITERRANEAN SHIPPING COMPANY SA
(72) RAJO IGLESIAS Eva, DE INCLÁN SÁNCHEZ Luis Fernando, VÁZQUEZ ROY José Luis, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) LR

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(11) AP 7835
(23) 10.04.2025
(51) **A61M 5/32 (2006.01)**
A61M 5/28 (2006.01)
A61J 1/06 (2006.01)
(54) SYRINGE SUITABLE FOR HYDROGEN PEROXIDE SOLUTION AND KIT THEREOF
(71) KORTUC JAPAN LLC
(72) YAMASHITA Shogo
(74) FISHER CORMACK & BOTHA
(84) KE, RW

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(21) AP/P/2024/015694
(23) 31.07.2025
(51) **C07K 16/18 (2006.01)**
A61P 27/02 (2006.01)
(54) ANTI-C3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS THEREOF AND THEIR USES FOR TREATING EYE OR OCULAR DISEASES
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) SOBIERAJ Anna, SCHEIFELE Fabian, RICHLE Philipp Robert, et al
(74) Cronjé & Co.
(84) GH, KE

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(21) AP/P/2025/016623
(23) 23.07.2025
(51) **A01N 35/02 (2006.01)**
A01N 45/00 (2006.01)
A01N 43/90 (2006.01)
A01N 33/06 (2006.01)
A01N 31/02 (2006.01)
(54) EDIBLE PESTICIDE FOR MAXIMUM PEST CONTROL
(71) EMONJOY GHANA LIMITED and UNIVERSITY OF CAPE COAST
(72) BAIDOO Emmanuel Boafo, ARYEE Agnes Joy, FELITSE Simon Etornam, et al
(74) NARTEY Eunice
(84) GH, GM, KE, RW, ZW

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Patent Applications Pending Grant

(21) AP/P/2022/013770
(22) 06.07.2020
(23) 22.08.2025
(51) **C12N 15/82 (2006.01)**
C12N 15/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/87 (2006.01)
A01H 9/00 (2006.01)
A01H 5/00 (2018.01)
C12N 5/00 (2006.01)
(54) NOVEL INTERGENIC SEQUENCE REGIONS AND USES THEREOF
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/013773
(22) 09.06.2020
(23) 22.08.2025
(51) **C12N 9/22 (2006.01)**
(54) IMPROVEMENTS IN OR RELATING TO NICKING ENZYMES
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, TZ, UG, ZM, ZW

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(21) AP/P/2022/013785
(22) 29.07.2020
(23) 22.08.2025
(51) **A61K 38/16 (2006.01)**
A61P 3/10 (2006.01)
(54) GIPR-AGONIST COMPOUNDS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2022/013820
(22) 05.08.2020
(23) 08.08.2025
(51) **C07D 231/14 (2006.01)**
C07C 237/40 (2006.01)
C07C 231/02 (2006.01)
(54) PROCESS-SCALE SYNTHESIS OF A PLASMA KALLIKREIN INHIBITOR
(74) SPOOR.FISHER
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/013948
(22) 05.10.2020
(23) 08.08.2025
(51) **G21G 4/04 (2006.01)**
A61P 35/00 (2006.01)
A61N 5/06 (2006.01)
A61K 33/32 (2006.01)
A61K 51/00 (2006.01)
A61N 5/00 (2006.01)
A61N 5/02 (2006.01)
A61N 5/10 (2006.01)
(54) WET PREPARATION OF RADIOTHERAPY SOURCES
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014044
(22) 18.05.2022
(23) 14.08.2025
(51) **H04L 12/437 (2006.01)**
G02B 6/24 (2006.01)
H04L 12/42 (2006.01)
(54) A FIBRE RELAY UNIT
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, LS, MZ, TZ

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(21) AP/P/2022/014162
(22) 04.12.2020
(23) 31.08.2025
(51) **A61K 31/443 (2006.01)**
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
A61P 29/00 (2006.01)
(54) SUBSTITUTED TETRAHYDROFURANS AS MODULATORS OF SODIUM CHANNELS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014164
(22) 09.12.2020
(23) 05.08.2025
(51) **F26B 17/00 (2006.01)**
B01F 7/04 (2006.01)
F26B 11/12 (2006.01)
B01D 3/08 (2006.01)
B01F 7/00 (2006.01)
(54) METHOD FOR CONTINUOUS THERMAL SEPARATION OF A MULTI-COMPONENT SUBSTANCE
(74) FISHER CORMACK & BOTHA
(84) GH, KE, MZ, NA, TZ, UG

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(21) AP/P/2022/014182
(22) 17.12.2019
(23) 05.08.2025
(51) **A01P 17/00 (2006.01)**
A01N 37/18 (2006.01)
A01N 25/04 (2006.01)
(54) LONG PROTECTION MOSQUITO REPELLENT OINTMENT
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014218
(22) 23.11.2020
(23) 27.08.2025
(51) **G01R 35/04 (2006.01)**
(54) METHOD AND SYSTEM FOR ANALYZING ERROR OF MEASUREMENT DOMAIN BASED ON SINGLE LOAD JUMP, AND STORAGE MEDIUM
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014255
(22) 23.02.2021
(23) 22.08.2025
(51) **A61K 31/4995 (2006.01)**
A61P 31/18 (2006.01)
C07D 471/22 (2006.01)
(54) TETRACYCLIC COMPOUNDS FOR TREATING HIV INFECTIONS
(74) B. W. KAHARI LEGAL PRACTITIONERS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2022/014272
(22) 16.02.2021
(23) 08.08.2025
(51) **F42B 3/26 (2006.01)**
F42B 3/10 (2006.01)
F42B 3/24 (2006.01)
F42B 3/08 (2006.01)
F42B 3/28 (2006.01)
(54) CANISTER ASSEMBLY WITH PROTECTED CAP WELL
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2022/014329
(22) 01.04.2021
(23) 25.08.2025
(51) **B01D 53/04 (2006.01)**
C10L 3/10 (2006.01)
G05B 19/414 (2006.01)
(54) METHOD AND SYSTEM FOR OPERATING AN ADSORPTION-BASED SYSTEM FOR REMOVING WATER FROM A PROCESS STREAM
(74) HONEY & BLANCKENBERG
(84) GH, KE, LS, MZ, RW, SL, SZ, TZ, ZM

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(21) AP/P/2023/014626
(22) 10.07.2021
(23) 22.08.2025
(51) **A01N 43/36 (2006.01)**
A01P 13/00 (2006.01)
A01N 25/32 (2006.01)
A01N 37/26 (2006.01)
A01N 43/707 (2006.01)
A01N 25/12 (2006.01)
A01N 25/14 (2006.01)
A01N 25/30 (2006.01)
(54) A SOLID AGROCHEMICAL COMPOSITION AND PROCESS OF PREPARATION THEREOF
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, GM, KE, MZ, SD, SL, TZ, ZM

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(21) AP/P/2023/014799
(22) 20.05.2021
(23) 15.08.2025
(51) **A01G 23/06 (2006.01)**
(54) STUMP CRUSHER
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2023/014917
(22) 06.11.2020
(23) 29.08.2025
(51) **B01D 25/164 (2006.01)**
B01D 25/21 (2006.01)
B01D 25/127 (2006.01)
(54) A FILTER PLATE SUBFRAME
(74) FISHER CORMACK & BOTHA
(84) BW, ZM, ZW

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(21) AP/P/2023/014930
(22) 17.11.2021
(23) 31.08.2025
(51) **A61K 31/439 (2006.01)**
C07D 513/22 (2006.01)
C07D 498/22 (2006.01)
A61P 43/00 (2006.01)
A61P 11/00 (2006.01)
C07D 498/18 (2006.01)
(54) MACROCYCLES CONTAINING A 1,3,4-OXADIAZOLE RING FOR USE AS MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

●●

(21) AP/P/2023/014976
(22) 12.11.2021
(23) 04.08.2025
(51) **C12R 1/38 (2006.01)**
C12N 1/20 (2006.01)
(54) PSEUDOMONAS PALMENSIS BBB001 STIMULATOR OF PLANT ADAPTIVE METABOLISM AGAINST ABIOTIC STRESS AND ENHANCER OF MINERAL NUTRITION
(74) Cronjé & Co.
(84) KE, TZ

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(21) AP/P/2023/015236
(22) 06.04.2022
(23) 22.08.2025
(51) **B07B 1/00 (2006.01)**
B07B 13/16 (2006.01)
B65G 11/14 (2006.01)
B02C 23/08 (2006.01)
(54) DIVIDING HOPPER AND TRANSPORTABLE SCREENING APPARATUS
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH

●●

(21) AP/P/2023/015241
(22) 24.11.2021
(23) 07.08.2025
(51) **B26D 5/00 (2006.01)**
B26D 7/18 (2006.01)
B26D 7/26 (2006.01)
(54) EDGE PROCESSING SYSTEM AND CONTROL SYSTEM FOR A GYPSUM BUILDING MATERIAL
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) TZ

●●

(21) AP/P/2024/015717
(22) 08.11.2021
(23) 19.08.2025
(51) **H04W 74/00 (2009.01)**
(54) CONTENTION RESOLUTION FOR NON-TERRESTRIAL NETWORK
(74) GALLOWAY & COMPANY
(84) GH, KE, MZ, TZ, UG

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(21) AP/P/2024/016002
(22) 27.02.2023
(23) 01.08.2025
(51) **F16L 9/00 (2006.01)**
F16L 41/00 (2006.01)
F16L 3/00 (2006.01)
(54) OPERATIVE CONNECTION DEVICE
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

●●

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Patents Granted

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7841

(21) Application No : AP/P/2023/015307

(22) Filing Date : 29.03.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
FI	20215438	13.04.2021

(84) Designated States: KE

(73) Applicant(s)
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(72) Inventors
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(74) Representative
GALLOWAY & COMPANY, Zimbabwe

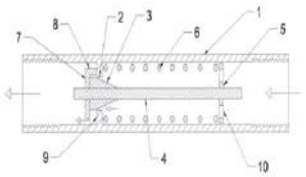
(51) International Classification : G05D 16/10 (2006.01)

(54) Title
FLUID FLOW THROTTLE VALVE

(57) Abstract

A fluid flow throttle valve that keeps the pressure of a fluid flow pumped into a system by a high-pressure pump constant and that is particularly suitable as a reject valve for maintaining the system pressure of a reverse osmosis device at a pressure level of <20 bar. The flow pressure is regulated by a spring-actuated cone (3) that is partially within the outflow channel (2) of the throttle valve at any given time. A motion restrictor (7;8) is supported to the wider end of the cone (3) such that in its lowest position, the cone (3) permits a bypass flow of a predetermined volume up to the target pressure of the system. As the flow volume increases further and the cone (3) rises as a result, the force exerted on the restrictor member (7) by the flow pressure contributes to preventing the valve from closing.

Fig.2



(56) Documents Cited : EP 2 660 469 A1 WO 2019/008223 A1 WO 2020/193844 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7842

(21) **Application No :** AP/P/2024/015613

(22) **Filing Date :** 31.08.2022

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
JP	2021-142106	01.09.2021

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SC SD SL ST
SZ TZ UG ZM ZW

(73) Applicant(s)
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(74) Representative
Cronjé & Co., Namibia

(51) **International Classification :** H01M 12/06 (2006.01) H01M 4/90 (2006.01) H01M 4/86 (2006.01)

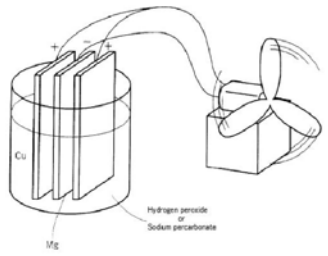
(54) **Title**

AIR BATTERY IN WHICH METALLIC COPPER OR ALLOY THEREOF SERVES AS OXYGEN REDUCING AIR ELECTRODE

(57) **Abstract**

An air battery or cell in which copper or an alloy thereof serve as an oxygen reducing air electrode is provided. A magnesium air battery or cell comprises an alkaline electrolyte solution having at least a water-soluble electrolyte imparting conductivity and receiving a supply of oxygen or an oxygen supply compound, a metal copper or a copper alloy as an oxygen reduction air electrode (cathode), and a magnesium metal or an alloy thereof having a base electrode potential than the metal copper cathode as a negative electrode (anode), wherein the battery generates an electric force by the following reactions; Oxidation at the negative electrode (anode): $2Mg \rightarrow 2Mg^{2+}+4e^-$; and Reduction at the positive electrode (cathode): $O_2+2H_2O+4e^- \rightarrow 4OH^-$.

Fig.1



(56) **Documents Cited :** JP 2015-109088 A JP 2015-162292 A JP 2009-32628 A
JP 2022-68077 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7843

(21) Application No : AP/P/2024/015753

(22) Filing Date : 04.03.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/287,841	09.12.2021

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SC SD SL ST
SZ TZ UG ZM ZW

(73) Applicant(s)

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(74) Representative

Cronjé & Co., Namibia

(51) International Classification :

H02J	3/28	(2006.01)	F03D	7/04	(2006.01)
H02J	3/00	(2006.01)	F03D	9/00	(2016.01)
H02J	3/38	(2006.01)	F03D	9/25	(2016.01)
H02J	15/00	(2006.01)	F03D	9/20	(2016.01)
C25B	1/04	(2021.01)	H02S	10/20	(2014.01)
H02J	1/00	(2016.01)	F03D	9/19	(2016.01)
H02S	10/12	(2014.01)	F04B	17/02	(2006.01)

(54) Title

SYSTEM FOR COLLECTING, GENERATING, AND TRANSMITTING GIGAWATT SCALE ENERGY FROM A PLURALITY OF DISTRIBUTED SOURCES DISPERSED OVER AN AREA

(57) Abstract

A system for collecting, generating, and transmitting Gigawatt scale energy is provided. The system comprises a geographically dispersed network comprising a plurality of nodes, each node comprising: a water source; renewable energy sources comprising: a wind turbine string of a plurality of wind turbines; and a solar photovoltaic string; a nodal substation in electrical communication with the renewable energy sources. The nodal substation comprises: at least one electrolyser in electrical communication with the renewable energy sources, the at least one electrolyser configured to convert water from the water source into hydrogen, or hydrogen compound, with electricity from the renewable energy sources; a compressor to compress hydrogen, or hydrogen compound, from the at least one electrolyser into a pipeline fluidly connecting each node. The nodal substation is positioned a distance from the renewable energy sources such that energy transfer efficiency to a load exceeds traditional high voltage power transmission.

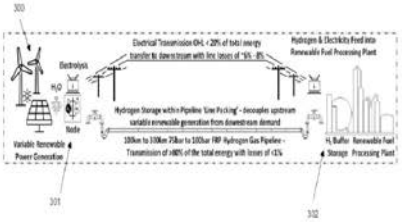

FIG. 3

(56) Documents Cited : LEIGHTY W.: "Running the wo US 2006/0207178 A1 US 7444189 B1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7844

(21) Application No : AP/P/2024/015861

(22) Filing Date : 19.12.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2021904170	21.12.2021

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SD SL ST
SZ TZ UG ZM ZW

(73) Applicant(s)

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(72) Inventors

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(74) Representative

Cronjé & Co., Namibia

(51) International Classification : G06Q 10/30 (2023.01); G06Q 20/22 (2012.01); H04L 9/00 (2022.01); G06Q 20/06 (2012.01); G06Q 30/0208 (2023.01)

(54) Title

RECYCLING SYSTEMS AND METHODS

(57) Abstract

Various waste recycling methods and systems are provided that incentivise sorting of waste for recycling. One such method comprises: scanning, using a portable computing device, a code or symbol of an item of waste, the code or symbol identifying a type of the item of waste; scanning, using the portable computing device, a code or symbol associated with a recycling reservoir and a particular type of waste; determining, a match between the type of the item of waste and the type of waste associated with the recycling reservoir; and executing, upon determining the match, a smart contract, the smart contract allocating one or more tokens to an account associated with the portable computing device according to the match.

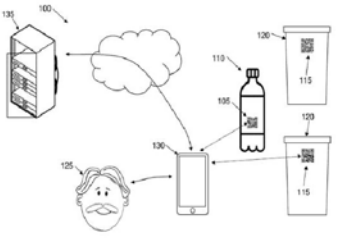

Figure 1

(56) Documents Cited :

US 2019/017863 A1
US 2012/029980 A1
US 2017/178125 A1
US 2021/272074 A1
US 2021/170451 A1
US 9486814 B2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7845

(21) Application No : AP/P/2016/009081

(22) Filing Date : 24.07.2014

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1314313.6	09.08.2013

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(73) Applicant(s)
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(72) Inventors
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BRETT Christopher Richard James, United Kingdom
LINDBO Lars Sverker Ture, United Kingdom
et al

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : B65G 1/04 (2006.01)

(54) Title
APPARATUS FOR RETRIEVING UNITS FROM A STORAGE SYSTEM

(57) Abstract

A storage system and a load handling device (100) for lifting and moving containers (10) stacked in the storage system are described The storage system includes a plurality of rails or tracks (22a, 22b) arranged in a grid pattern (14) above the stacks of containers. The grid pattern comprises a plurality of grid spaces and each stack is located within a footprint of only a single grid space. The load handling device is configured to move laterally on the rails or tracks above the stacks. The load-handling device includes a container-receiving space (114) located above the rails or tracks in use and a lifting device (104) arranged to lift a container from a stack into the container-receiving space. The load handling device has a footprint that, in use, occupies only a single grid space in the storage system.

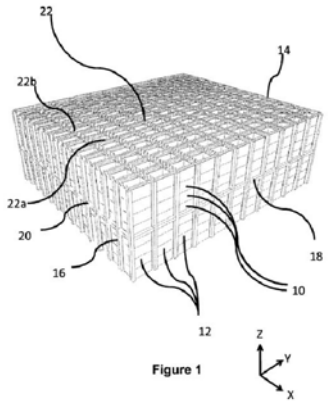

Figure 1

(56) Documents Cited : JP H10-203647 A
DE 199 35 742 A1
NO 317 366 B1
WO 2014/090684 A1
DE 10 2009 017241 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7846

(21) Application No : AP/P/2018/011018

(22) Filing Date : 31.03.2017

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/315,857	31.03.2016

(84) Designated States:
BW GH GM KE LS MW MZ NA SD SL ST SZ TZ ZM ZW

(73) Applicant(s)
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DEMOPULOS Gregory A, United States of America
et al

(74) Representative
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(51) International Classification : A61K 39/395 (2006.01) A61P 7/00 (2006.01) A61P 27/02 (2006.01) C07K 16/40 (2006.01)

(54) Title
METHODS FOR INHIBITING ANGIOGENESIS IN A SUBJECT IN NEED THEREOF

(57) Abstract

In one aspect, the present invention provides methods for preventing, treating, reverting and/or delaying angiogenesis in a mammalian subject suffering from, or at risk for developing, an angiogenesis-dependent disease or condition, comprising administering to the subject an amount of a MASP-2 inhibitory agent effective to inhibit angiogenesis. In some embodiments of these aspects of the invention, the MASP-2 inhibitory agent is a MASP-2 antibody or fragment thereof.

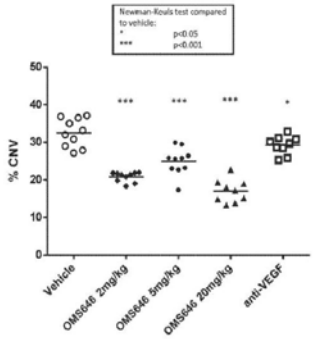

Fig. 20.

(56) Documents Cited : US 2013/266559 A1 US 2013/344073 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7847

(21) Application No : AP/P/2018/011164

(22) Filing Date : 11.05.2017

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/335,789	13.05.2016
US	62/441,779	03.01.2017
US	15/589,647	08.05.2017

(84) Designated States: BW GH MZ NA TZ ZM ZW

(73) Applicant(s)
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DIAZ Isai, United States of America

(74) Representative
GILL, GODLONTON & GERRANS, Zimbabwe

(51) International Classification : E02F 9/28 (2006.01)

(54) Title
STABILIZING FEATURES IN A WEAR MEMBER ASSEMBLY

(57) Abstract

A wear member assembly may include a nose attachable to a bucket lip. The nose may include a rear portion having a first set of substantially planar surfaces including a first, second, and third subset of surfaces. The third subset of surfaces may be angled and positioned between the first subset of surfaces and the second subset of surfaces. The nose may also include a forward portion positioned forwardly adjacent to the rear portion, the forward portion having a second set of substantially planar surfaces including a fourth, fifth, and sixth subset of surfaces. The sixth set of surfaces may be angled and positioned between the first subset of surfaces and the second subset of surfaces. The wear member assembly may also include a wear member having a cavity comprising rear and forward bearing surfaces corresponding to the third and sixth subset of surfaces.

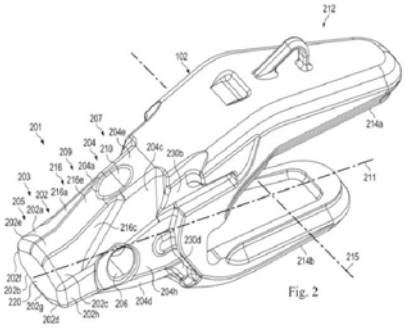
Fig. 2

(56) Documents Cited :

US 2014/0360062 A1
US 2013/0247428 A1
US6032390 A
US D 4 462 24S
CN 102 864 813 A
DE 43 45 100 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7848

(21) Application No : AP/P/2019/011343

(22) Filing Date : 12.08.2017

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/374,458	12.08.2016
US	15/675,695	11.08.2017
US	15/675,701	11.08.2017

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)
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(72) Inventors
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NIYIKIZA Clet, United States of America

(74) Representative
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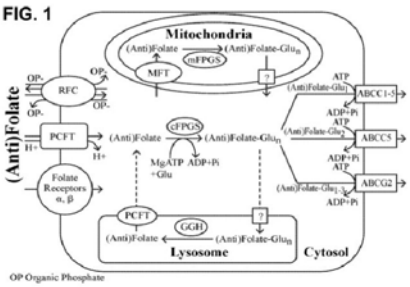
(51) International Classification : A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61K 31/517 (2006.01)

(54) Title
POLYGLUTAMATED ANTIFOLATES AND USES THEREOF

(57) Abstract

The disclosure relates generally to polyglutamated antifolates, formulations containing liposomes filled with the polyglutamated antifolates, methods of making the polyglutamated antifolates and liposome containing formulations, and methods of using the polyglutamated antifolates and liposome containing formulations to treat hyerproliferative disorders (e.g., cancer) and disorders of the immune system (e.g., an autoimmune disease such as rheumatoid arthritis).

FIG. 1



(56) Documents Cited : WO 01/05405 A1 NING; HU et al. WO 2006/002049 A2 ROLAND J. W. MEESTERS et a WO 2007/098089 A2 WO 2006/074416 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7849

(21) **Application No :** AP/P/2019/011949

(22) **Filing Date :** 01.05.2018

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/500,268	02.05.2017

(84) **Designated States:** BW GH KE NA

(73) **Applicant(s)**
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DE Arnab, United States of America
SHARMA Manoj K, United States of America
et al

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :** A61K 39/395 (2006.01) C07K 16/30 (2006.01) C07K 16/28 (2006.01)

(54) **Title**
STABLE FORMULATIONS OF ANTI-CTLA4 ANTIBODIES ALONE OR IN COMBINATION WITH PROGRAMMED DEATH RECEPTOR 1 (PD-1) RECEPTOR (PD-1) ANTIBODIES AND METHODS OF USE THEREOF

(57) **Abstract**

The invention relates to stable formulations comprising antibodies or antigen binding fragments thereof that bind to cytotoxic T lymphocyte associated antigen 4 (CTLA4), optionally further containing an anti-human programmed death receptor 1 (PD-1) antibody or antigen binding fragment thereof. Also provided are methods of treating various cancers and chronic infections with the formulations of the invention.

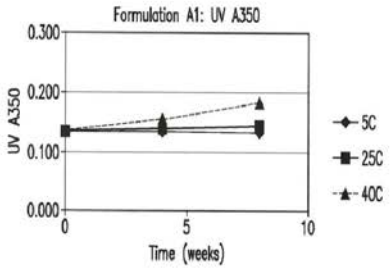

FIG.1A

(56) **Documents Cited :** CARPENTER J F et al. WO 2016/015675 A1 WANG WEI ED - BLANCO-PRIE WANG W et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7850

(21) Application No : AP/P/2020/012289

(22) Filing Date : 14.08.2018

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/545,864	15.08.2017
US	62/574,690	19.10.2017
US	62/630,756	14.02.2018
US	62/637,281	01.03.2018

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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UNIVERSITY OF LEICESTER, University Road, Leicester LE1 7RH, United Kingdom

(72) Inventors
DUDLER Thomas, United States of America
SCHWAEBLE Hans-Wilhelm, United Kingdom
DEMOPULOS Gregory A, United States of America

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

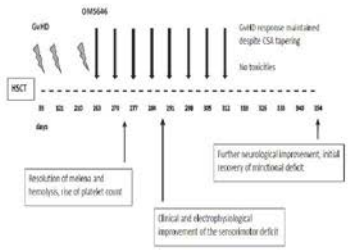
(51) International Classification :
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
C12N 9/50 (2006.01)
A61K 38/48 (2006.01)
C07K 16/40 (2006.01)

(54) Title
METHODS FOR TREATING AND/OR PREVENTING GRAFT-VERSUS-HOST DISEASE AND/OR DIFFUSE ALVEOLAR HEMORRHAGE AND/OR VENO-OCCLUSIVE DISEASE ASSOCIATED WITH HEMATOPOIETIC STEM CELL TRANSPLANT

(57) Abstract

In one aspect, the invention provides methods of inhibiting the effects of MASP-2-dependent complement activation in a human subject suffering from graftversus-host disease and/or diffuse alveolar hemorrhage and/or veno-occlusive disease associated with a hematopoietic stem cell transplant. The methods comprise the step of administering, to a subject in need thereof, an amount of a MASP-2 inhibitory agent effective to inhibit MASP-2-dependent complement activation.

FIGURE 61



(56) Documents Cited :
US 2017/137537 A1
WO 2016/198133 A1
US 2013/244924 A1
ZHUANG et al.
FERNANDEZ et al.
MAJHAIL et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7851

(21) **Application No :** AP/P/2020/012612

(22) **Filing Date :** 18.08.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2020/03191	29.05.2020

(84) **Designated States:** GH KE MZ NA RW SD TZ UG ZM

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(51) **International Classification :** **G06Q 20/00** (2015.01)

(54) **Title**
TYPE CLASSIFICATION-BASED PROVISIONING OF NETWORK USAGE ADVANCES IN A MOBILE NETWORK

(57) **Abstract**

A system and method for type classification-based provisioning of network usage advances in a mobile network (110) is described. In a method, a trigger notification is received (410) in response to detection of a first predefined condition associated with an account associated with a subscriber identifier. The trigger notification includes the subscriber identifier and a type classification associated with the account. The method includes retrieving (414) credit data associated with the type classification from a subscriber record (124) associated with the subscriber identifier. The retrieved credit data is used to determine (416) data elements associated with a network usage advance. The data elements determined with the retrieved credit data include a quantity value of the network usage advance. An instruction including the data elements is transmitted (422) to cause provisioning of a network usage advance to an account associated with the subscriber identifier and the type classification.

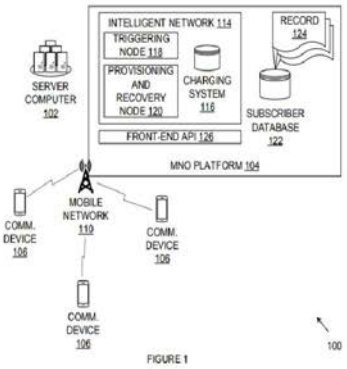

FIGURE 1

(56) **Documents Cited :**

US 7545761 B1
US 2014/279388 A1
US 2011/0145086 A1
US 2013/0231080 A1
WO 2019/229652 A1
WO 2020/008384 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7852

(21) **Application No :** AP/P/2020/012613

(22) **Filing Date :** 18.08.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2020/04133	07.07.2020

(84) **Designated States:** GH KE MZ NA RW SD TZ UG ZM

(73) **Applicant(s)**
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(72) **Inventors**
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(74) **Representative**
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(51) **International Classification :** **H04M 15/00** (2015.01) **H04W 4/00** (2015.01)

(54) **Title**
PROVISION OF DIFFERENT NETWORK USAGE ADVANCE SERVICES TO DIFFERENT CATEGORIES OF SUBSCRIBERS

(57) **Abstract**

A system and method for the provision of different network usage advance services to different categories of subscribers is described. In a method, a request, associated with a subscriber identifier and a service class, to provision a network usage advance is received (304, 404). A network usage advance enables usage of a mobile telephone network (110) by a prepaid mobile subscriber in advance of received payment. Different categories of subscribers are associated with different service classes which correspond to different network usage advance services. Service class data associated with the service class in the request is obtained (308, 408). In response to obtaining (308, 408) the data, instruction to cause provision of the network usage advance to an account associated with the received subscriber identifier in accordance with the data may be transmitted (310, 410). The data is usable by an intelligent network (114) of the mobile telephone network (110) to provision different network usage advance services based on the data.

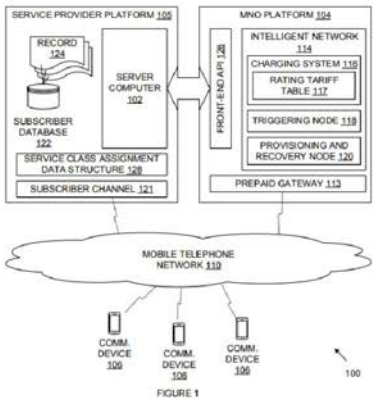

FIGURE 1

(56) **Documents Cited :**
WO 2020/008384 A1
WO 2019/229652 A1
US 2007/0214083 A1
US 2014/279388 A1
WO 2019/229655 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7853

(21) **Application No :** AP/P/2020/012637

(22) **Filing Date :** 07.03.2019

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/640,077	08.03.2018

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) **Applicant(s)**
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KERET Guy, Israel
SOSNOVITCH Amitai, Israel
et al

(74) **Representative**
Cronjé & Co., Namibia

(51) **International Classification :**

A61N	5/10	(2006.01)	A61L	27/40	(2006.01)
A61L	27/42	(2006.01)	G21G	4/08	(2006.01)
G21F	5/02	(2006.01)	A61M	31/00	(2006.01)

(54) **Title**
RADIOTHERAPY SEEDS AND APPLICATORS

(57) **Abstract**

A casing holding one or more brachytherapy seeds for implanting in a patient, which in turn carry atoms of a radioactive element for radiotherapy treatment is filled with a viscous liquid in a manner preventing radiation from the one or more brachytherapy seeds from exiting the casing. The casing may include a metallic or non-metallic elongated tube configured for insertion into tissue or a vial for delivering a seed to a physician for insertion into a needle.

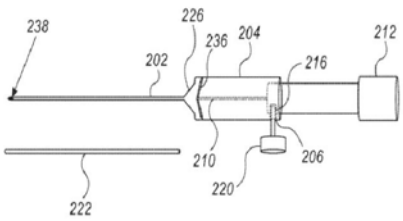

FIG. 2

(56) **Documents Cited :**

US 2011/0206603 A1
US 2003/0139700 A1
WO 2017/157880 A1
WO 2017/173352 A1
US 5 899 882 A
WO 2000/004953 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7854

(21) Application No : AP/P/2020/012765

(22) Filing Date : 16.04.2019

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/657,967	16.04.2018

(84) Designated States: TZ

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MILDH Gunnar, Sweden

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(51) International Classification : H044W 12/04 (2009.01)

(54) Title
SECURITY HANDLING FOR RRC RESUME FROM INACTIVE STATE

(57) Abstract

Methods are provided for a User Equipment, UE, (10) in NR RRC to revert back to an old security context if an RRC Resume procedure from an inactive state fails. In this way, any subsequent Resume attempts by the UE (10) will derive new security keys from the old keys, which means that the keys and security context will be the same for each attempt. In this way, the security context in the UE (10) will remain synchronized with the network security context, regardless of how many attempts the UE (10) has performed (assuming the network does not change the security context when the Resume procedure fails). Alternatively, the UE (10) may store the new security context it derives during the first Resume attempt, and then ensure that it is reused at subsequent Resume attempts.

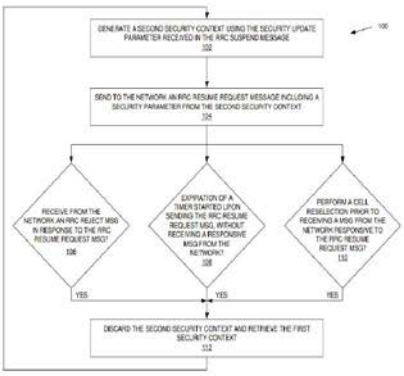

Figure 8

(56) Documents Cited : "CR ON Connection Control ([1 ERICSSON: "NR RRC States ov

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7855

(21) **Application No :** AP/P/2021/012947

(22) **Filing Date :** 29.08.2018

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) **Applicant(s)**
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(74) **Representative**
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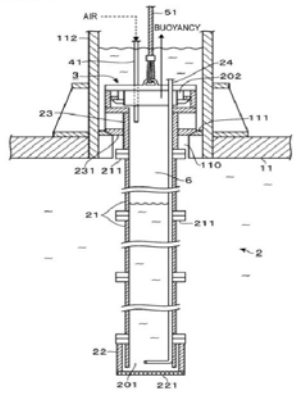
(51) **International Classification :** E02B 3/00 (2006.01)

(54) **Title**
METHOD FOR RECOVERING WATER INTAKE PIPE

(57) **Abstract**

It is an object of the present invention to provide a technique for reducing the lifting load of a water intake pipe provided in a floating facility. A water intake pipe 2 held by a floating facility 11 including an oil or natural gas processing apparatus and suspended toward water includes a plurality of partial pipes 23 and 21 connected to each other, and includes a water intake port 201 taking water and a discharge port 202 positioned in an upper end part held on the floating facility 11 side. The water intake pipe 2 is recovered by carrying out the steps of: (a) closing a pipeline of the water intake pipe 2 on the discharge port 202-side thereof; (b) injecting a fluid having a lower specific gravity than that of water into the water intake pipe 2 after the pipeline is closed; and (c) lifting up the water intake pipe 2 to which buoyancy is imparted by injecting the fluid.

FIG. 3



(56) **Documents Cited :**

AU 2011230933 A1
US 2017/0190388 A1
JP 8-4657 A
US 2018/0029684 A1
JP 1-216189 A
WO 2018/087595 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7856

(21) Application No : AP/P/2021/013175

(22) Filing Date : 21.10.2019

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/748,739	22.10.2018

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification :

A23L 29/30 (2016.01)
C12C 12/02 (2006.01)
C12C 12/04 (2006.01)
C12C 12/00 (2006.01)
C12P 7/06 (2006.01)

(54) Title

ENZYMES FOR INFUSION MASHING IN ADJUNCT BREWING TECHNICAL FIELD

(57) Abstract

The present invention relates to methods of mashing 100% adjunct grists. More specifically, the instant disclosure provides methods and compositions wherein an alpha-amylase in combination with an maltogenic alpha amylase and/or glucoamylse to make a non-malt wort composed by adjunct raw materials.

(56) Documents Cited :

WO 2009/075682 A1
WO 2009/100102 A1
WO 2009/149271 A1
US 2014/0356922 A1
US 2012/0225164 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7857

(21) Application No : AP/P/2021/013243

(22) Filing Date : 02.06.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	16/903,143	16.06.2020

(84) Designated States:

BW GH GM KE LR MZ NA
RW SD SL TZ UG ZM ZW

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OMAROV Aitugan, Kazakhstan
KASSYMBERGEBAYEV Baurzhan, Kazakhstan
et al

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(51) International Classification : B03D1/B03D1/(2015.01) B03B5/B03B7/(2015.01)
B03D1/ (2015.01)

(54) Title
SYSTEM AND METHOD FOR SATURATION OF A MULTICOMPONENT MEDIUM WITH ACTIVE MICROBUBBLES

(57) Abstract

Several agitators for generating a mixture are described which generally have a housing and an impeller rotatably mounted within the housing. The impeller has a first end with a first end face, and plurality of protuberances and at least one compressed gas channel outlet disposed on the first end face. The agitator also has a mixing chamber that is located adjacent to the plurality of protuberances, a fluid inlet extending through the housing for supplying a mixing fluid to the mixing chamber, and a fluid outlet extending through the housing for discharging the mixture from mixing chamber. When the compressed gas and the mixing fluid are supplied to the mixing chamber, the compressed gas becomes uncompressed gas, and rotation of the impeller agitates the uncompressed gas and the mixing fluid and disperses the uncompressed gas and at least a portion of the mixing fluid to generate the mixture.

(56) Documents Cited : US 2009/250395 A1 US 2010/207285 A1 US 2010/181263 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7858

(21) Application No : AP/P/2021/013247

(22) Filing Date : 04.12.2019

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2018904610	04.12.2018

(84) Designated States: NA

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DREWES Kurt Friedrich, Australia

(74) Representative
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(51) International Classification : F24S 23/70 (2018.01) F24S 25/63 (2018.01)

(54) Title
A HELIOSTAT SUB-ASSEMBLY

(57) Abstract

The invention relates to a heliostat sub-assembly and to a method of forming such a subassembly. The method of mounting a concave mirror to a supporting structure of a heliostat includes the steps of bonding a plurality of risers at predetermined spaced intervals to a rear face of the mirror, each riser having a bonding pad and a stem extending from the bonding pad, and applying a predetermined concave curvature to the mirror by conforming the front face of the mirror with a convex forming jig or die. The supporting structure and curved mirror are then aligned, and the supporting structure is clinched to the stems of the risers when the curved mirror is conformed with the forming die. The riser stems may be coupled to the bonding pads via multi-axial joint assemblies to enable limited multi-pivotal movement of the stems relative to the bonding pads to facilitate alignment of faces of the stems with the faces of the ribs defined by webs, and relative expansion and contraction of the mirror and supporting structure, the overlap between the riser stems and the webs being sufficient to accommodate clinching with variations in curvature of the glass sheet.

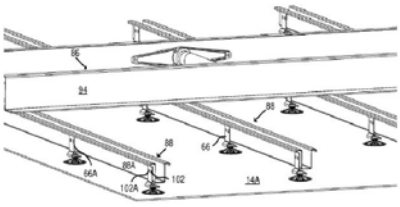

Fig 10

(56) Documents Cited : WO 2018/048890 A1 WO 2016/176439 A1 US 2015/007871 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7859

(21) **Application No :** AP/P/2021/013401

(22) **Filing Date :** 12.02.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	19156838.5	13.02.2019

(84) **Designated States:** KE MW MZ SD UG

(73) **Applicant(s)**
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(72) **Inventors**
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(74) **Representative**
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(51) **International Classification :** B65D 75/32 (2006.01)

(54) **Title**
CHILD-RESISTANT PACKAGING

(57) **Abstract**

Child-resistant packaging (1), which comprises at least one blister card (10), known per se, with a carrier film (20) and a cover film (30), wherein the carrier film (20) forms, with at least one blister cavity (25) for receiving a packing product (40), a top side (11) of the blister card (10), and the cover film (30) is connected extensively to the carrier film (20), closes the blister cavity (25) filled with the packing product (40), and forms an underside (12), located opposite the top side (11), of the blister card (10). At least one backing card (50) is fastened in a movable manner at two opposite side edges (15, 16) or peripheral portions (17, 18) of the blister card (10), said backing card (50) resting in a planar manner against the underside (12) of the blister card (10) in a securing position (70) and in the process securing the enclosed packing product (40) against unintentional removal, wherein the backing card (50) is transferable reversibly from the securing position (70) into a removal position (80) by means of external force application (90) by mirror-inverted compression (91, 92) of two mutually opposite packaging portions (5, 6), wherein, during the external force application (90), the backing card (50) is spaced apart from the underside (12) of the blister card (10), forming a packaging interior (100), and the packing product (40) can be released into and removed from the packaging interior (100) by pushing through (35) the cover film (30).

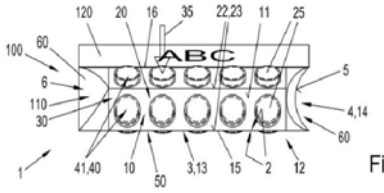

Fig. 1

(56) **Documents Cited :**
GB 2 352 231 A
US 2002/0070146 A1
WO 2004/041675 A1
US7000769 B2
US 8 875 891 B2
WO 2009/133571 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7860

(21) Application No : AP/P/2021/013473

(22) Filing Date : 26.02.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2019/01722	20.03.2019

(84) Designated States:
BW GH GM KE LR LS MW MZ NA RW SD SL SZ TZ UG ZM ZW

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(74) Representative
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(51) International Classification :

C22B	1/00	(2006.01)	C22B	34/32	(2006.01)
B03C	1/00	(2006.01)	B03C	1/02	(2006.01)
B03B	5/04	(2006.01)	B03B	5/32	(2006.01)
B03B	5/34	(2006.01)	B03B	5/62	(2006.01)
B03B	7/00	(2006.01)	B03B	9/00	(2006.01)
B03B	4/02	(2006.01)			

(54) Title
RECOVERY OF CHROMITE FINES

(57) Abstract

A process (10, 200) for recovery of chromite fines from a slurry includes feeding a feed slurry (68) comprising chromite fines to a wet spiral concentrator stage (14) comprising a plurality of wet spiral separators or wet spiral concentrators (32), separating the slurry (68) by means of the wet spiral separators or concentrators (32) into a higher-grade chromite slurry (74), a lower-grade chromite slurry (76) and a first tails stream (78), magnetically separating the lower-grade chromite slurry (76) in a wet magnetic separation stage (24) into a magnetic material stream (80) and a nonmagnetic material reject stream (86), and separating the higher-grade chromite slurry (74) and the magnetic material stream (80) in a shaking table stage (18) into a chromite concentrate (90) and a second tails stream (92).

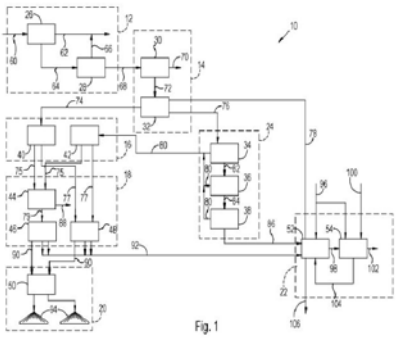

Fig. 1

(56) Documents Cited :

GRISHIN N N et al.
US 4059506 A
US 4295881 A
ZA 200 503 034 B
CA 2893406 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7861

(21) **Application No :** AP/P/2021/013482

(22) **Filing Date :** 27.12.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IL	272406	02.02.2020

(84) **Designated States:** GH KE MW MZ SD TZ UG ZM ZW

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(74) **Representative**
Cronjé & Co., Namibia

(51) **International Classification :** A61B 42/50 (2016.01) A61B 42/40 (2016.01) B65G 47/90 (2006.01) A61B 42/00 (2016.01) A61B 42/10 (2016.01) B65G 47/00 (2006.01)

(54) **Title**
APPARATUS FOR PUTTING A GLOVE ON A PALM HAND

(57) **Abstract**

A gloving apparatus that has a glove-opening device and a glove-lifting-and-positioning device. The glove-lifting-and-positioning device includes a linear actuator with a moveable rod that is ended with an inserting pin, a rotating actuator that is designed to rotate the glove-lifting-andpositioning device, and a lifting arm with a lifting actuator that are designed to lift up and lower down the glove-lifting-and-positioning device. The glove-lifting-and-positioning device is designed to insert the inserting pin into a matching hole at a glove holder to which a glove is attached and to insert the opening of the glove over grasping pins of the glove-opening device. The glove-opening device can stretch open the glove opening and when an air pump creates sub-pressure then the glove inflates to a size suitable for a hand to be inserted.

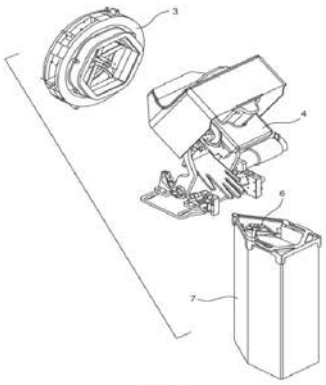

FIG. 8

(56) **Documents Cited :** US 2004/0149788 A1, US 2018/0289190 A1, WO 2019/231377 A1, WO 2019/231378 A1, US 2010/0263695 A1, US 2013/0341212 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 7862

(21) Application No : AP/P/2021/013499

(22) Filing Date : 28.02.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/812,946	01.03.2019

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)

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SHULMAN Taylor, United States of America
et al

(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification :

A23F 5/00 (2006.01)
A23L 27/28 (2016.01)
A23L 2/38 (2006.01)
A23F 5/44 (2006.01)
A23L 27/20 (2016.01)

(54) Title

COFFEE REPLICAS PRODUCED FROM INDIVIDUAL COMPONENTS

(57) Abstract

Materials and methods for producing coffee replicas from individual components are provided herein.

(56) Documents Cited :

JP 2006 020526 A
WO 2018/110587 A1
WO 2009/137838 A
DE 10 2009 048534 A1
WO 2011/318459 A1
US 2002/0119235 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7863

(21) Application No : AP/P/2021/013564

(22) Filing Date : 28.04.2020

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	19173729.5	10.05.2019

(84) Designated States: GH GM LR SL

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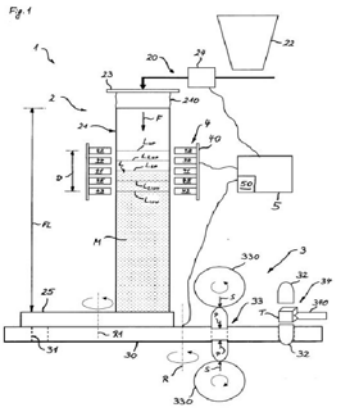
(51) International Classification : B30B 11/08 (2006.01) G01F 23/292 (2006.01) B30B 15/30 (2006.01)

(54) Title
ROTARY PRESS FOR COMPRESSING A PRESSING FOOD MATERIAL

(57) Abstract

The present invention is directed to a rotary press (1) for compressing a pressing food material (M), like food powder, into food tablets (T), comprising a feeding system (2) comprising a feeder (20) for continuously supplying the pressing food material (M) and a feeding pipe (21) for providing the pressing food material (M) received from the feeder (20), a press system (3) comprising a rotary die plate (30) being drivable about a rotational axis (R) and comprising a plurality of die cavities (31) for successively receiving an amount of pressing food material (M) provided by the feeding pipe (21) and to produce food tablets (T) inside the die cavities (31) by means of punches (32) upon a rotational movement of the die cavities (31) of the rotary die plate (30) with respect to the feeding system (2), a sensor arrangement (4) for detecting the fill level (L) of the pressing food material (M) in the feeding pipe (21), and a control unit (5) configured to control a feeding speed of the feeder (20) for continuously supplying the pressing food material (M) based on the detected fill level (L) to keep the fill level (L) at a defined fill level set point (LSP). The present invention is further directed to a method for pressing a food tablet (T), like a bouillon cube, by compression of a pressing food material (M), like a food powder, with a rotary press (1).



(56) Documents Cited : DE 102017207162 A1; US 2016243781 A1; EP 0952432 A1; JP 2017030001 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7864

(21) Application No : AP/P/2021/013572

(22) Filing Date : 17.04.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2019-078905	17.04.2019

(84) Designated States: KE TZ

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SUZUKI Takao, Japan
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FISHER CORMACK & BOTHA, Malawi

(51) International Classification : A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01H 6/14 (2018.01) C12N 15/05 (2006.01)

(54) Title
CYTOPLASMIC MALE STERILE PLANT OF GENUS LACTUCA HAVING IMPROVED LOW TEMPERATURE GROWTH ABILITY

(57) Abstract

The present specification discloses a cytoplasmic male sterile plant of the genus Lactuca having low temperature growth ability comparable to that of a plant of the genus Lactuca with a normal cytoplasm, or a progeny thereof. According to an embodiment of the present invention, it is possible to alleviate a reduction in the growth ability at low temperature observed in previous CMS plants of the genus Lactuca and provide a CMS plant of the genus Lactuca having low temperature growth ability.

(56) Documents Cited : EP 07711523 A1 WO 2007/049730 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7865

(21) **Application No :** AP/P/2021/013606

(22) **Filing Date :** 13.05.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
SE	1950566-8	13.05.2019

(84) **Designated States:** TZ

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(74) **Representative**
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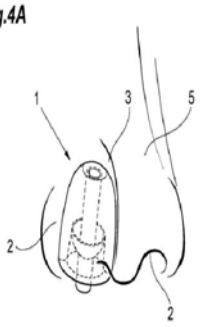
(51) **International Classification :** A61F 13/20 (2006.01)

(54) **Title**
NASAL PLUG

(57) **Abstract**

Nasal plug (1) for treatment of nosebleed in a subject, comprising: a body (10) adapted to fit into a nostril (2) of the subject, the body (10) comprising a first end (11) arranged to face inward and a second end (12) arranged to face outward during use; a hollow tubular member (20) disposed inside the body and comprising a first opening (21) facing inwardly and a second opening (22) facing outwardly during use; wherein the tubular member (20) further comprises a collar (25), adapted to prevent blood of a subject from escaping the body (10) of the nasal plug (1), and wherein the collar (25) is disposed completely inside the body (10).

Fig.4A



(56) **Documents Cited :** DE 10 2011 110583 A1 US 6 768 040 B1 CN 105 056 375 A
CN 2 203 139 Y FR 3 025 713 A1 RU 2 012 367 C1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7866

(21) **Application No :** AP/P/2021/013615

(22) **Filing Date :** 11.05.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
GB	1906641.4	10.05.2019

(84) **Designated States:**
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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et al

(74) **Representative**
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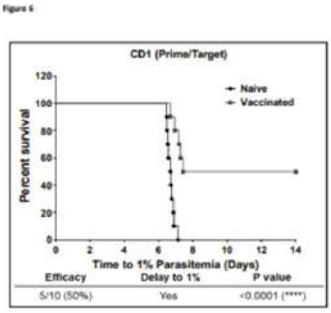
(51) **International Classification :** A61K 39/015 (2006.01)

(54) **Title**
VACCINE IMMUNOGENS

(57) **Abstract**

An immunogenic composition comprising: a) one or more plasmodium-derived ribosomal or ribosomal associated protein or immunogenic fragment thereof which has a sequence which is at least about 80%, 85%, 90%, 95%, 98%, 99% or 100% identical to a ribosomal or ribosomal associated protein or an immunogenic fragment of a ribosomal or ribosomal associated protein recited in Figure 1; or a ribosomal or ribosomal associated protein or peptide or immunogenic fragment thereof as recited in Figure 2 or Figure 3; and/or b) a polynucleotide encoding one or more protein, peptide or immunogenic fragment of a); wherein the immunogenic composition is for use in eliciting an immune response in a subject to treat or prevent malaria. Also provided are plasmodium-derived ETRAMPs and/or histones, or immunogenic fragments thereof, for use in eliciting an immune response in a subject, preferably to treat or prevent malaria.



(56) **Documents Cited :** ANONYMOUS:"PVX 094375-40 CHATTERJEE SANCHITA et al. EP 2409987 A1 WO 2018/193467 A1 K. RAJESHWARI et al. ZACHARY P. BILLMAN et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7867

(21) Application No : AP/P/2021/013723

(22) Filing Date : 27.08.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2019903141	28.08.2019

(84) Designated States: NA ZM

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TILDESLEY Kate, Australia
et al

(74) Representative
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(51) International Classification :

C08G	65/26	(2006.01)	C22B	3/04	(2006.01)
C08L	71/02	(2006.01)	C02F	1/54	(2006.01)
C22B	3/20	(2006.01)	C22B	3/08	(2006.01)
C07C	67/00	(2006.01)	C02F	1/20	(2006.01)

(54) Title
AGENTS FOR USE IN HYDROMETALLURGICAL PROCESS STREAMS

(57) Abstract

The present disclosure relates to the field of chemical compounds, compositions and processes. More specifically, the present disclosure relates to compositions having a high-loading capacity in an aqueous medium and to compositions, processes and uses thereof as silica coagulants in hydrometallurgical process streams.

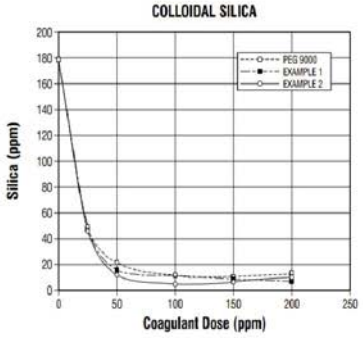

FIG. 5

(56) Documents Cited :

WO 2009/044298 A2
KIM G et al.
WO 2015/168376 A1
JPH0622644 B2
AU 640296 A
CN 108863287 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7868

(21) **Application No :** AP/P/2021/013729

(22) **Filing Date :** 29.05.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/855,783	31.05.2019

(84) **Designated States:** GH MZ NA ZM

(73) **Applicant(s)**
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BETOURNAY Jason W, United States of America

(74) **Representative**
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(51) **International Classification :** E02F 9/26 (2006.01)

(54) **Title**
MONITORING GROUND ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT

(57) **Abstract**

A monitoring device and system located in a hole in a base of a ground engaging product for monitoring a characteristic of the ground engaging product. The characteristic can pertain to presence, part ID, condition, usage and/or performance of ground-engaging product secured to the earth working equipment. The monitoring system may detect the presence and/or absence of one or more of the components of the ground engaging product.

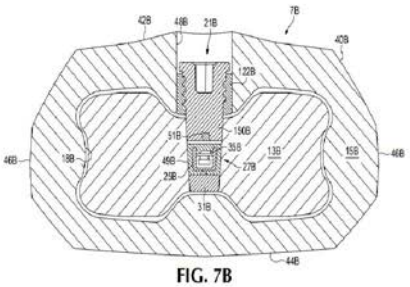

FIG. 7B

(56) **Documents Cited :**

WO 2016/131015 A2
US 5 743 031 A
EP 3 327 205 A1
US 2002/0078607 A1
WO 2012/107848 A1
US 2003/0112153 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7869

(21) **Application No :** AP/P/2021/013730

(22) **Filing Date :** 05.06.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/858,571	07.06.2019

(84) **Designated States:**
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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BRITTO Dahyana, United States of America
GARCIA Claudia Yanet, United States of America
et al

(74) **Representative**
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(51) **International Classification :** A61K 35/66 (2015.01) A61K 45/06 (2006.01) A61K 36/185 (2006.01)

(54) **Title**
CACAO CELL SUSPENSION PROTOCOL

(57) **Abstract**

Provided herein are methods for establishing Theobroma cell suspension cultures using young leaves as a source of explants. Also provided are induction, proliferation, and suspension media used for producing Theobroma cell suspension cultures. These methods and media may be useful for producing secondary metabolites in Theobroma, as well as for isolating virus particles associated with Theobroma diseases.

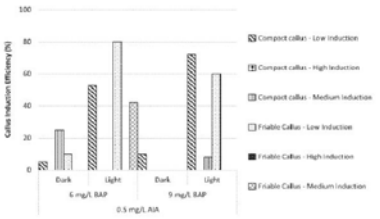

FIG. 5

(56) **Documents Cited :** WO 2010/114567 A
DATABASE AGRIS [ONLINE]; F
US 2017/0121722 A1
WANG JUNLI et al.
NDOUMOU D. OMOKOLO et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7870

(21) Application No : AP/P/2022/013782

(22) Filing Date : 02.07.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
SE	1950889-4	12.07.2019

(84) Designated States:
BW GH GM KE LS MW MZ
NA TZ UG ZW

(73) Applicant(s)
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(72) Inventors
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PARI Jonas, Sweden
TILK Christer, Sweden
et al

(74) Representative
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(51) International Classification : A01G 9/02 (2018.01) A01G 31/06 (2006.01)

(54) Title
PLANT HOLDER FOR HYDROPONIC SYSTEM

(57) Abstract

Plant holder (1) for a hydroponic growth system, comprising a body (2) having a top section (3), a middle section (4) and a bottom section (5), where the plant holder (1) comprises a first conduit (9) having a rear wall (12) and a front wall (11), where the plant holder (1) comprises a plant hopper (7) with a plant mouth (6) arranged at the top section (3), where the first conduit (9) comprises a sloping bottom wall (8) having an outlet opening (17) arranged at the bottom section (5), where the plant holder (1) further comprises a lid (30) arranged at the plant mouth (6), where the lid (30) comprises a collector plate (32) extending from the interior of the first conduit (9) into the plant hopper (7), where the collector plate (32) ends outside of the periphery (16) of the plant holder (1).

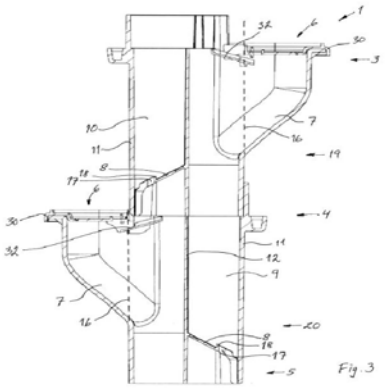

Fig. 3

(56) Documents Cited :
WO 2019/075495 A1
WO 2018/065910 A1
KR 2012 0094404 A
WO 2018/116225 A1
WO 2016/162856 A1
US 5 826 375 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7871

(21) **Application No :** AP/P/2022/013852

(22) **Filing Date :** 24.07.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	19189054.0	30.07.2019

(84) **Designated States:** GH KE SD

(73) **Applicant(s)**
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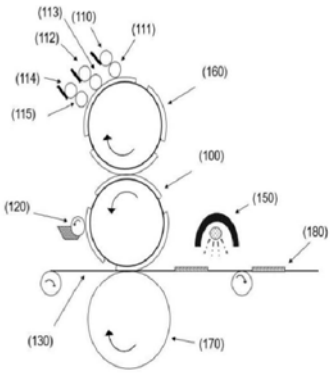
(51) **International Classification :** C09D 11/101 (2014.01) C09D 11/03 (2014.01)
B41M 3/14 (2006.01)

(54) **Title**
RADIATION CURABLE INTAGLIO INKS

(57) **Abstract**

The present invention relates to the field of security documents and their protection against counterfeit and illegal reproduction and relates to the field of intaglio printing processes for the printing of said security documents. In particular, the present invention relates to radiation curable intaglio inks suitable for intaglio printing a pattern or image, wherein said intaglio printing comprises wiping off ink excess with a polymeric wiping cylinder and cleaning said cylinder with an alkaline aqueous wiping solution. The disclosed radiation curable intaglio inks comprise one or more radiation curable compounds, wherein at least one of said one or more radiation curable compounds is a fatty acid polyester (meth)acrylate oligomer; one or more photoinitiators; and a high molecular weight acid modified alkyd surfactant and/or an alkylarene sulfonic acid surfactant; one or more fillers or extenders.

Fig. 1B



(56) **Documents Cited :** WO 2009/156400 A1 EP 3 453 745 A1 WO 2014/131479 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7872

(21) Application No : AP/P/2022/013907

(22) Filing Date : 18.09.2020

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/902,887	19.09.2019
US	62/902,887	19.09.2019
US	PCT/US19/52024	19.09.2019
US	16/576,360	19.09.2019
US	16/576,360	26.09.2019
US	63/024,441	13.05.2020
US	63/024,432	13.05.2020
US	62/704,785	28.05.2020
US	62/705,106	11.06.2020

(84) Designated States: BW GH KE NA SZ ZW

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MITCHELL Lorna, United States of America
FORSYTH Sanjeev, United States of America
et al

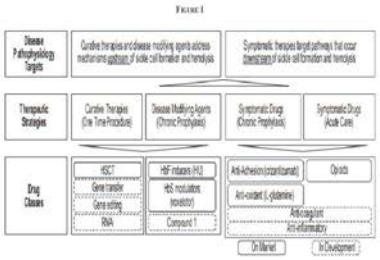
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)

(54) Title
ACTIVATING PYRUVATE KINASE R

(57) Abstract

The compound (S)-1-(5-((2,3-dihydro-[1,4]dioxino[2,3-b] pyridin-7-yl)sulfonyl)-3,4,5,6- tetrahydropyrrolo[3,4-c]pyrrol-2 (1H)-yl)-3-hydroxy-2-phenylpropan-1-one, or a pharmaceutically acceptable salt thereof, is useful to increase the affinity of hemoglobin for oxygen. Methods and compositions for the treatment of a hemoglobinopathies are provided herein, including certain pharmaceutical compositions for activating PKR.



(56) Documents Cited : WO 2018/175474 A1 US 2017/0216434 A1 US 2019/0218221 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7873

(21) **Application No :** AP/P/2022/013921

(22) **Filing Date :** 02.10.2019

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
KE SD TZ UG

(73) **Applicant(s)**
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(72) **Inventors**
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TAKAHASHI Hideaki, Japan

(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** H04W 52/18 (2009.01)

(54) **Title**
TERMINAL AND COMMUNICATION METHOD

(57) **Abstract**

A terminal includes a receiving unit that receives P-Max that is configuration information of maximum transmit power in a cell in Frequency Range 2 (FR2) among Frequency Range 1 (FR1) and the FR2; and a control unit that performs, when the P-Max of the cell in the FR2 is not supported, an operation of ignoring the P-Max of the cell in the FR2 or an operation of considering the cell in the FR2 as a barred cell.

FIG.10

SIB2 field descriptions
p-Max Value in dBm applicable for the intra-frequency neighbouring NR cells. If absent the UE applies the maximum power according to TS 38.101-1 [15]. **In this release of the specification, if p-Max is present on an FR2 cell, the UE shall ignore this field and consider as absent (and then applies the maximum power according to TS 38.101-1 [15]).**

(56) **Documents Cited :** ERICSSON: "NR-DC power con US 2017/0208555 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7874

(21) Application No : AP/P/2022/013969

(22) Filing Date : 18.09.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2019/06187	19.09.2019

(84) Designated States: MZ NA TZ

(73) Applicant(s)
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(72) Inventors
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ESTERHUYSE Bernard De Waal, South Africa

(74) Representative
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) International Classification : B22D 1/00 (2006.01)

(54) Title
FURNACE, FLUID FEED COMPONENT, FLUID REFORMING SYSTEM AND METHOD OF REFORMING A FLUID

(57) Abstract

There is disclosed a furnace, a fluid feed component, a fluid reforming system, and a method of reforming a fluid. The furnace comprises a vessel that defines a chamber for holding a body of liquid. A fluid inlet is provided for introducing a fluid into the chamber below a level of the body of liquid to cause the fluid to interact with the liquid and to migrate therethrough towards an outlet for discharging a product of the interaction from the chamber. A liquid circulation passage is implemented, having a weir which is operatively located near the level of the body of liquid, and a port which is located remote from the weir and in fluid communication with the fluid inlet so as to enable the liquid to flow over the weir through the liquid circulation passage and through the port.

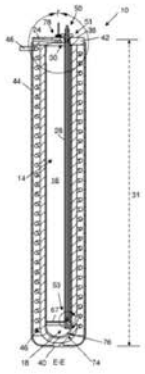

Figure 2

(56) Documents Cited :
EP 0 845 645 A2
WO 1996/011359 A1
US 2017/0217772 A1
US 2018/0245171 A1
WO 1991/005214 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7875

(21) **Application No :** AP/P/2022/013977

(22) **Filing Date :** 29.10.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
GB	1916057.1	05.11.2019

(84) **Designated States:** GH

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(51) **International Classification :** A23L 2/38 (2006.01) A23L 2/56 (2006.01) A23L 2/68 (2006.01)

(54) **Title**
NON-ALCOHOLIC MALT BEVERAGE

(57) **Abstract**

A non-alcoholic malt beverage possessing a pH in a range between 3.2 to 4.0 and containing a monovalent salt, divalent salt or combination thereof. The salt(s) are added at a level sufficient to reduce the perceived sourness of the beverage without adding perceived saltiness to the final beverage product.

(56) **Documents Cited :** US 2018/153192 A1 US 2012/021116 A1 GB 2207 335 A JP 2011 072228 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7876

(21) Application No : AP/P/2022/013984

(22) Filing Date : 11.09.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	19197202.5	13.09.2019

(84) Designated States: GH GM KE LR RW SL

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(51) International Classification : A61K 39/12 (2006.01) A61P 31/14 (2006.01)

(54) Title
LASSAVIRUS VACCINES

(57) Abstract

The present invention relates to polynucleotides comprising a sequence of a live, infectious, attenuated Flavivirus wherein a nucleotide sequence encoding at least a part of a arenavirus glycoprotein protein is located at the intergenic region between the E and NS1 gene of said Flavivirus, such that a chimeric virus is expressed, characterised in that the encoded sequence C terminally of the E protein of said Flavivirus and N terminally of the signal peptide of the NS1 protein of said Flavivirus comprises in the following order : - a further signal peptide of a Flavivirus NS1 protein, -an arenavirus Glycoprotein protein lacking the N terminal signal sequence and the GP2 transmembrane domain, - a TM1 and TM2 domain of a flaviviral E protein.

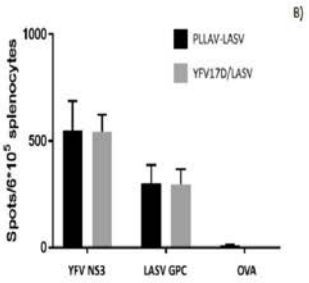

Figure 4

(56) Documents Cited : XIAOHONG JIANG et al. EP 3498850 A1 BREDENBEER P J et al. KATHRYN M. HASTIE et al. WO 2019/018501 A1 CARRION et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7877

(21) **Application No :** AP/P/2022/014067

(22) **Filing Date :** 16.12.2019

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
TZ

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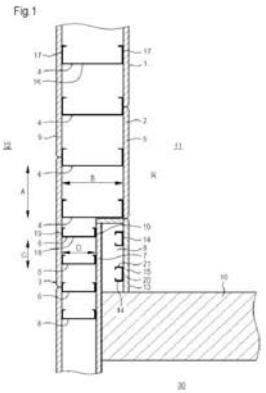
(51) **International Classification :** E04B 2/74 (2006.01) E04B 2/78 (2006.01)
E04B 2/82 (2006.01)

(54) **Title**
DRYWALL AS WELL AS A KIT AND A METHOD FOR CONSTRUCTING A DRYWALL

(57) **Abstract**

The invention relates to a drywall comprising a first wall section (2) with first stud elements (4), wherein the first stud elements are arranged with a first regular centre distance, wherein in the first wall section a first panelling (5) is arranged at least on one room side (R) of the first stud elements (4). The drywall is characterized by a second wall section (3) with second stud elements (6), wherein a second panelling (7) is arranged in the second wall section at least on the room side (R) of the second stud elements (6) and wherein the second stud elements are arranged with a second regular centre distance (C) which is smaller than the first regular centre distance (A). The invention also relates to a kit and a method for constructing a drywall.



(56) **Documents Cited :** WO 1998/045545 A1 EP 2 703 575 A1 EP 3 464 744 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7878

(21) **Application No :** AP/P/2022/014073

(22) **Filing Date :** 15.11.2019

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date

(84) **Designated States:** MZ ZW

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(51) **International Classification :** C22B 3/02 (2006.01), C01D 15/02 (2006.01), C22B 3/14 (2006.01), C22B 26/12 (2006.01), C22B 3/12 (2006.01)

(54) **Title**
ARRANGEMENT AND METHOD FOR RECOVERING LITHIUM HYDROXIDE

(57) **Abstract**

The present invention relates to an arrangement and a method for recovering lithium hydroxide from a fresh feed comprising a mineral raw material containing lithium or a raw material containing lithium carbonate, or a mixture of these raw materials, combined with a recycled solution and/or slurry containing lithium, by pulping the feed in the presence of water and alkali metal carbonate, leaching the obtained slurry twice, first at an elevated temperature, and secondly in an aqueous solution containing alkali earth metal hydroxide, separating the thus obtained slurry into solids that may be discarded, and a solution containing lithium hydroxide, whereby lithium hydroxide monohydrate can be recovered from the solution by crystallising, and finally separating the solution and/or slurry obtained during the crystallization from the process and recycling it to one or more previous step, including the pulping step, and optionally the first leaching step.

(56) **Documents Cited :** GB 1052747 A, US 3073673 A, CN 1109104 A, CN 108821313 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7879

(21) Application No : AP/P/2022/014093

(22) Filing Date : 06.08.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2020/05064	17.08.2020

(84) Designated States: GH KE MZ NA RW SD TZ UG ZM

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(51) International Classification : H04W 4/24 (2009.01); H04W 8/18 (2009.01); H04M 15/00 (2006.01); H04W 4/50 (2018.01); H04M 17/00 (2006.01)

(54) Title
SYSTEM AND METHOD FOR NETWORK USAGE PRODUCT PROVISIONING

(57) Abstract

A system and method for network usage product provisioning are described. The method includes retrieving data points associated with a prepaid mobile subscriber including a subscriber profile having been output by a data processing system retrieving and processing features relating to the prepaid mobile subscriber from one or more data stores. One of the data stores includes a category of transactional records associated with the prepaid mobile subscriber. The method includes determining subscriber eligibility for a network usage product based on the data points. The method includes, if the prepaid mobile subscriber is eligible for the network usage product, interacting with an intelligent network of a mobile telephone network to provision the network usage product to an account associated with the prepaid mobile subscriber.

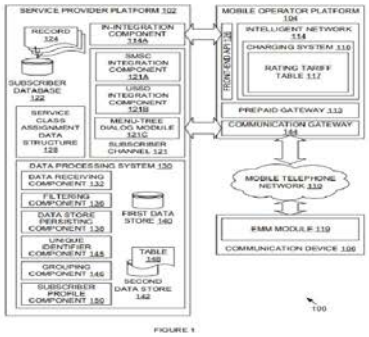

FIGURE 1

(56) Documents Cited :

WO 2020/008384 A1
US 2005/0018824 A1
WO 2019/229655 A1
US 7123626 B1
US 2017/0302551 A1
US 2006/0256948 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7880

(21) **Application No :** AP/P/2022/014205

(22) **Filing Date :** 19.03.2018

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/475,619	23.03.2017

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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PURNHAGEN Heiko, United States of America

(74) **Representative**
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(51) **International Classification :** G06F 17/10 (2006.01); G10L 19/22 (2013.01); G10L 19/26 (2013.01); G10L 19/02 (2013.01); G10L 19/24 (2013.01)

(54) **Title**

BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS

(57) **Abstract**

A method for decoding an encoded audio bitstream is disclosed. The method includes receiving the encoded audio bitstream and decoding the audio data to generate a decoded lowband audio signal. The method further includes extracting high frequency reconstruction metadata and filtering the decoded lowband audio signal with an analysis filterbank to generate a filtered lowband audio signal. The method also includes extracting a flag indicating whether either spectral translation or harmonic transposition is to be performed on the audio data and regenerating a highband portion of the audio signal using the filtered lowband audio signal and the high frequency reconstruction metadata in accordance with the flag.

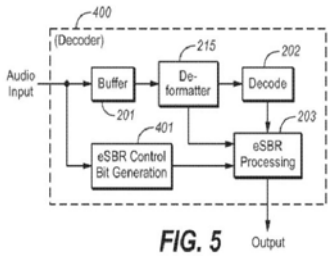

FIG. 5

(56) **Documents Cited :** WO 2016/146492 A1 WO 02/080362 A1 US 2015/0317986 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7881

(21) Application No : AP/P/2022/014241

(22) Filing Date : 06.01.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	2000189.7	07.01.2020

(84) Designated States: BW NA

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(74) Representative
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(51) International Classification : G01N 21/87 (2006.01)

(54) Title
DOUBLET DETECTION IN GEMSTONES

(57) Abstract

A method of characterising a composition of a gemstone comprises irradiating an upper portion and a lower portion of the gemstone with one or more pulses of ultraviolet radiation at a wavelength of substantially 225 nm or less; capturing luminescence emitted by the upper portion of the gemstone and luminescence emitted by the lower portion of the gemstone in one or more time windows having a predetermined relationship with the or each pulse; and comparing properties of the captured luminescence from the upper and lower portions. A composition of the gemstone is characterised, based upon the comparison.

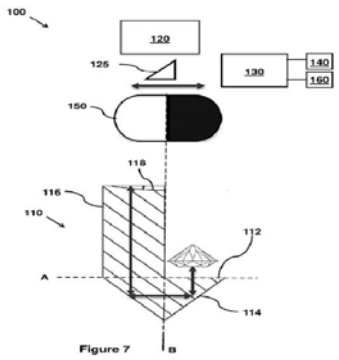

Figure 7

(56) Documents Cited :
US 2001023925 A1
EP 1720003 A1
WO 2017001835 A1
US 6014208 A
WO 199704302 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7882

(21) Application No : AP/P/2022/014273

(22) Filing Date : 21.01.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
DK	PA202070048	24.01.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(74) Representative

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(51) International Classification : C02F 1/32 (2006.01) A61L 2/10 (2006.01)
C02F 1/00 (2006.01)

(54) Title

WATER PURIFICATION SYSTEM FOR SOLAR WATER DISINFECTION

(57) Abstract

Disclosed is a water purification system for solar water disinfection, an electronic device for estimating a water disinfection state in a water purification system and a method for estimating a water disinfection state in a water purification system. The water purification system comprises a container configured to receive water to be purified and an electronic device. The electronic device comprises a photovoltaic component configured to receive incident visible light and to provide a photovoltaic output indicative of a visible light intensity at the photovoltaic component to a processor. The processor is configured to determine a dose equivalent of UV light transmitted through the container based photovoltaic output and optionally a temperature to determine a water disinfection state based on the dose equivalent and the temperature and to send a first indicator signal indicative of the water disinfection state to a purification status indicator.

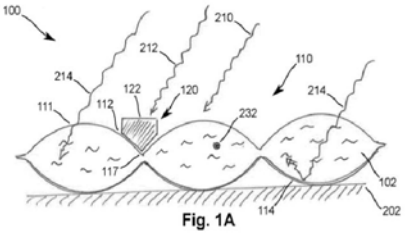

Fig. 1A

(56) Documents Cited : US 2015/253184 A1 US 2016/251238 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7883

(21) Application No : AP/P/2022/014284

(22) Filing Date : 01.12.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2020-031659	27.02.2020

(84) Designated States: KE SD TZ UG

(73) Applicant(s)
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(74) Representative
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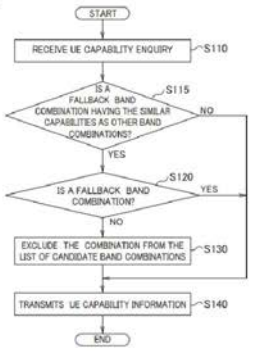
(51) International Classification : H04W 8/22 (2009.01) H04W 72/04 (2009.01) H04W 28/20 (2009.01) H04W 16/32 (2009.01) H04W 76/34 (2018.01)

(54) Title
TERMINAL, RADIO BASE STATION, AND RADIO COMMUNICATION METHOD

(57) Abstract

UE (200) receives capability inquiry information pertaining to the UE (200) from a network, and, on the basis of the capability inquiry information, determines candidates of combinations of frequency bands with which the UE (200) is compatible. The UE (200), if a combination is a combination of fallback bands, eliminates the combination from a combination candidate list.

FIG. 4



(56) Documents Cited : SAMSUNG: "Additional UE cap; JP 2019092046 A HUAWEI et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7884

(21) Application No : AP/P/2022/014341

(22) Filing Date : 03.03.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
IT	102020000004816	06.03.2020

(84) Designated States:
GH KE MW MZ TZ UG ZM ZW

(73) Applicant(s)
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(51) International Classification : A01N 25/04 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 37/02 (2006.01)

(54) Title
PESTICIDE COMPOSITION FOR CROP CARE AND PROTECTION

(57) Abstract

A pesticide composition comprising a C_{12}-C_{24} fatty acid in an emulsion, as well as a process for preparing the same and uses for protecting crop against pests, such as insects, nematodes, fungi, oomycetes and bacteria, are disclosed.

(56) Documents Cited : EP 0617888 A1, US 5741502 A, US 2008175930 A1, DE 4336407 A1, WO 03059063 A1, CN 102002418 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7885

(21) **Application No :** AP/P/2022/014356

(22) **Filing Date :** 20.02.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
CN	202010125799.2	27.02.2020

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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CHANG Junbiao, Peoples Republic of China
et al

(74) Representative
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(51) **International Classification :** A61K 31/34 (2006.01) A61P 31/14 (2006.01)

(54) **Title**
NUCLEOSIDE COMPOUNDS FOR TREATMENT OF CORONAVIRUS DISEASES

(57) **Abstract**

Use of a compound represented by formula (I) or pharmaceutically acceptable salts thereof in the preparation of a medication for preventing or treating a coronavirus infectious disease. The compound represented by formula (I) is used for treating patients with novel coronavirus pneumonia, and shows obvious advantages in all of the clearance rate by viral nucleic acid test, the course of clearance, and the cure and discharge time.

(56) **Documents Cited :** JU J.W et al. WO 2005/0208885 A2
CHEN, Y.W et al. J. DYALL et al.
WO 03018030 A1 CINATL J. et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7886

(21) **Application No :** AP/P/2022/014360

(22) **Filing Date :** 11.03.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	62/987,875	11.03.2020

(84) **Designated States:** BW NA

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(51) **International Classification :** B24B 49/04 (2006.01) B24B 51/00 (2006.01)
B25J 9/00 (2006.01)

(54) **Title**
AUTOMATED APPARATUS AND METHOD FOR OBJECT FACETING

(57) **Abstract**

An apparatus for automated polishing of an object with multiple facets includes a polishing wheel, a robotic arm, a sensor and a controller. The robotic arm positions the object in contact with the polishing wheel. The sensor senses a polishing related parameter during polishing of the object with the polishing wheel. The controller operates the robotic arm to rotate the object about an axis perpendicular to the polishing wheel, receives a sensing signal from said sensor at different orientations of said object during polishing and selects a polishing orientation from the different orientations based on said sensing signal.

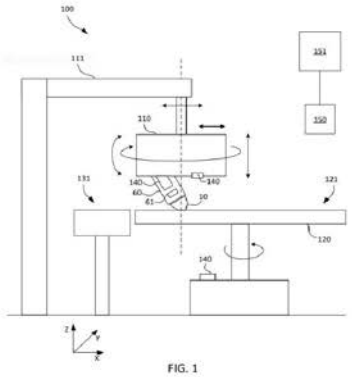

FIG. 1

(56) **Documents Cited :** WO 2019/043488 A1 US 2014/235141 A1 WO 2019/042850 A1
US 2014/067331 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7887

(21) **Application No :** AP/P/2022/014413

(22) **Filing Date :** 16.06.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	20180341.8	16.06.2020
EP	20195118.3	08.09.2020

(84) **Designated States:** TZ

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JØRGENSEN Tom Rames, Norway
BØYESEN Katrine Lie, Norway
et al

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(51) **International Classification :**

B09B	3/00	(2006.01)	C01G	11/00	(2006.01)
C01G	13/00	(2006.01)	C01G	21/00	(2006.01)
C22B	3/16	(2006.01)	C22B	3/44	(2006.01)
C22B	7/00	(2006.01)	C01B	25/234	(2006.01)
C01B	25/238	(2006.01)			

(54) **Title**
PROCESS FOR THE REMOVAL OF HEAVY METALS FROM A PHOSPHORIC ACID CONTAINING COMPOSITION

(57) **Abstract**

The present disclosure provides improved methods for the removal of heavy metals, in particular cadmium, from an aqueous phosphoric acid containing composition, using an organothiophosphorous heavy metal precipitating agent to said composition, wherein the reaction between the heavy metals, in particular cadmium, and the organothiophosphorous precipitating agent is performed at a pH ranging between 1.6 and 2.0 measured after a 13- fold dilution by volume. Advantageously, an ionic polymer, particularly a cationic and/or an anionic poly(meth) acrylamide copolymer may be used to promote heavy metal precipitation and/or to facilitate the removal of the precipitates from the composition. More in particular, the phosphoric acid containing composition is obtained by the acid digestion of phosphate rock, preferably by nitric acid, sulfuric acid, or a combination thereof.

(56) **Documents Cited :** US 2019/106324 A1 WO 89/08075 A1 CN 104 478 060 A
US 4 478 924 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7888

(21) Application No : AP/P/2022/014418

(22) Filing Date : 25.03.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2020-055203	25.03.2020

(84) Designated States: GH KE

(73) Applicant(s)
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(74) Representative
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(51) International Classification : C10G 3/00 (2006.01) C10L 1/02 (2006.01)

(54) Title
METHOD FOR PRODUCING BIODIESEL FUEL

(57) Abstract

Provided are a first separation step of mixing a raw material containing at least one of a free fatty acid and a fatty acid glycerin ester with an inorganic acid or enzyme to separate a first oil component and a first glycerin liquid; and a catalytic cracking step of bringing an oil component or a fatty acid alkyl ester into contact with a catalyst to obtain a hydrocarbon, wherein (a) the above first oil component is used in the above catalytic cracking step, or (b) an esterification step of reacting the first oil component obtained in the first separation step with a monohydric alcohol to obtain a fatty acid alkyl ester by using a method other than an alkali catalyst method is further provided, and the obtained fatty acid alkyl ester is used as a raw material in the above catalytic cracking step. According to the present invention, there is provided a method for producing a biodiesel fuel whose main components are hydrocarbons, that is, a novel production method that can use a raw material containing at least one of a free fatty acid and a fatty acid glycerin ester.

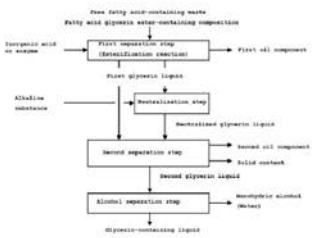

Fig.1

(56) Documents Cited :

GB 2 549 139 A
WO 2012/130961 A1
US 2008/275260 A1
GB 612 667 A
WO 2013/116342 A2
WO 2019/084657 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7889

(21) Application No : AP/P/2022/014461

(22) Filing Date : 07.04.2021

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20168421.4	07.04.2020

(84) Designated States: GH

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(51) International Classification : B42D 25/324 (2014.01) B42D 25/445 (2014.01)

(54) Title
AN OPTICAL ELEMENT AND A METHOD OF VISUALLY AUTHENTICATING AN OBJECT

(57) Abstract

The invention relates to an anti-copy optical element comprising a caustic layer and a mask layer configured to simultaneously display a visible image reproducing a reference image and form a projected image containing a visible caustic pattern reproducing a reference pattern, upon illumination of the optical element with a light source, the projected image being distinct from the reference image. The invention also relates to a method for designing a relief pattern of a light-redirecting surface of said caustic layer consistently with the transmission properties of the mask layer.

Fig. 3C

(56) Documents Cited : WO 2019/063778 A1 MARIOS PAPAS et al. US 2016/041398 A1 WO 99/37488 A1 AU 2011101251 A4

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7890

(21) Application No : AP/P/2022/014462

(22) Filing Date : 05.04.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2020/00734	04.04.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)

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(51) International Classification : H01M 4/04 (2006.01) H01M 4/14 (2006.01) H01M 4/20 (2006.01) H01M 4/02 (2006.01)

(54) Title

RECHARGEABLE ELECTRICAL STORAGE DEVICES

(57) Abstract

Electrical storage devices (10,38) are provided with pasted negative electrodes (12) and pasted positive electrodes (15) with porous separators (18) between them, with current collectors (20,22) disposed between the separator (18) and the negative and positive pastes (13,16), respectively.

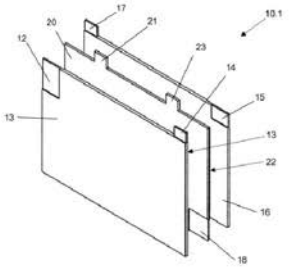

FIG 1

(56) Documents Cited : US 2013/0189602 A1, EA 016661 B1, WO 2007/042892 A1, WO 2020/047478 A1, WO 2019/136467 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7891

(21) Application No : AP/P/2022/014479

(22) Filing Date : 12.05.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20174546.0	14.05.2020

(84) Designated States: KE TZ ZM

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(51) International Classification :

B22F	3/24	(2006.01)	C22C	1/05	(2006.01)
C22C	29/08	(2006.01)	E21B	10/00	(2006.01)
B24B	31/03	(2006.01)	C21D	1/06	(2006.01)
C21D	9/22	(2006.01)	C22C	29/06	(2006.01)
B22F	5/00	(2006.01)	B22F	3/16	(2006.01)

(54) Title
METHOD OF TREATING A CEMENTED CARBIDE MINING INSERT

(57) Abstract

A method of redistributing the binder phase of a cemented carbide mining insert comprising a WC hard-phase component, optionally one or more further hard-phase components and a binder comprising the steps of providing a green cemented carbide mining insert; applying at least one binder puller selected from a metal oxide or a metal carbonate to only at least one local area of the surface of the green cemented carbide insert; sintering the green carbide mining insert to form a sintered cemented carbide insert; and subjecting the sintered cemented carbide insert to dry tumbling process executed at an elevated temperature of or above 100°C, preferably at a temperature of or above 200° C, more preferably at a temperature of between 200°C and 450°C.

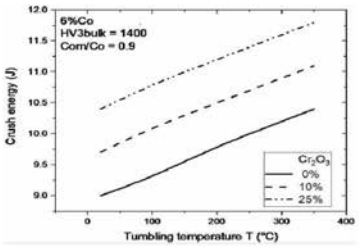

Fig 1

(56) Documents Cited :

US 2004/009088 A1
JP H11 50182 A
EP 2638992 A1
JP 2009 172697 A
US 2019/358707 A1
US 2012/0144753 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7892

(21) Application No : AP/P/2022/014492

(22) Filing Date : 27.05.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/030,861	27.05.2020
US	63/076,571	10.09.2020

(84) Designated States: KE TZ UG

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(51) International Classification : C10L 5/40 (2006.01) C10L 5/42 (2006.01) B09B 3/00 (2006.01) C10L 5/44 (2006.01)

(54) Title
SYSTEM AND METHOD FOR A MULTI-CHAMBER BIOMASS REACTOR

(57) Abstract

A system and method for a multi-chamber biomass reactor that includes: a reaction chamber, comprising the primary chamber for biomass processing; an outlet chamber, adjacent and connected to the reaction chamber; a biomass inlet, comprising a region for the input of biomass into the biomass reactor; a conveyor system, comprising components that actuate the biomass, and other components, through the biomass reactor from the biomass inlet through the reaction chamber, and through the outlet chamber; and a gas exchange system, that controls gas flow within the biomass reactor, comprising: at least one air vent; and an exhaust. The system functions to process biomass, whereby the system converts input biomass into energy rich products, such as coal, char, bio-fuel, fertilizer, briquettes, electricity. The system and method may further include a variable incline module, comprising actuating components that can alter the incline and/or height of the biomass reactor and/or biomass reactor components.

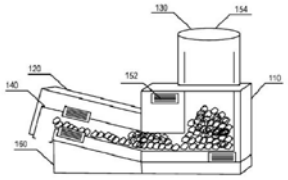

FIGURE 4

(56) Documents Cited :

US 2014/208995 A1
EP 3527647 A1
US 2020/017788 A1
US 8980060 B2
WO 2014/164545 A1
US 2012/168297 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7893

(21) **Application No :** AP/P/2022/014511

(22) **Filing Date :** 07.06.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
JP	2020-099174	08.06.2020

(84) **Designated States:**
GH GM KE MW MZ NA RW SD SL ST SZ TZ UG ZM ZW

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(51) **International Classification :** A01N 51/00 (2006.01) A01N 25/04 (2006.01) A01P 7/04 (2006.01) A01N 25/06 (2006.01) A01N 25/14 (2006.01)

(54) **Title**
CONTROLLING METHOD FOR INFECTIOUS DISEASE VECTOR

(57) **Abstract**

The present invention provides a method for controlling infectious disease vectors, which comprises diluting a formulation comprising a neonicotinoid compound having a volume mean diameter being within a range of 3 to 10 μm, a surfactant and a carrier with water; and spraying the diluted solutions to a surface to be treated such that a treated amount of neonicotinoid compound is within a range of 50 to 800 mg/m² .

(56) **Documents Cited :** ANONYMOUS: "SumiShield(TM WO 2005/070210 A1 AGOSSA FIACRE R. et al. WO 2015/197482 A1 NGWEJ LEONARD M. et al. JP 2002 114603 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7894

(21) Application No : AP/P/2022/014520

(22) Filing Date : 29.11.2022

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
FR	2112673	29.11.2021

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

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(51) International Classification :

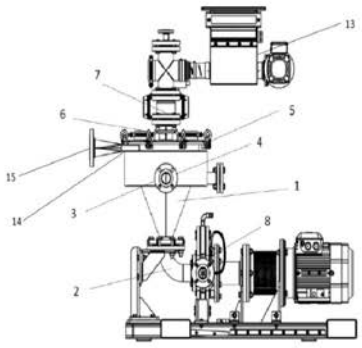
C08J	3/16	(2006.01)	B01D	53/10	(2006.01)
C08J	3/02	(2006.01)	C08J	3/05	(2006.01)
C08J	3/07	(2006.01)	C08F	2/08	(2006.01)
G02F	1/334	(2006.01)	C08J	11/04	(2006.01)

(54) Title
DEVICE FOR DISPERSING WATER-SOLUBLE POLYMERS

(57) Abstract

A device for dispersing a water-soluble polymer in powder form having a standard particle size of less than 1 mm, comprising: - a wetting chamber (1), - a chamber (8) for grinding and discharging the dispersed polymer with a horizontal axis of revolution, - a means (2) for connecting the wetting chamber (1) to the grinding chamber (8) in the form of an L-shaped tube, characterized in that the upper and lower parts of the wetting chamber (1) and the L-shaped tube (2) have an internal surface with an identical surface tension (TS1), and in that the cover (5) of the wetting chamber (1) has an internal surface with a surface tension (TS2) higher than (TS1).

[Fig. 2]



(56) Documents Cited :

WO 2011107683 A1
DE 3730782 C1
US 4603156 A
US 2021140027 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 7895

(21) Application No : AP/P/2022/014527

(22) Filing Date : 07.06.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/036,798	09.06.2020
US	63/167,271	29.03.2021

(84) Designated States:
BW GH GM KE LR LS MW MZ NA SD SL ST SZ TZ ZM ZW

(73) Applicant(s)
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(74) Representative
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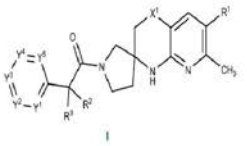
(51) International Classification :
C07D 471/20 (2006.01)
A61K 31/438 (2006.01)
A61P 3/04 (2006.01)
A61P 21/00 (2006.01)
C07D 519/00 (2006.01)
A61P 1/08 (2006.01)
A61P 19/00 (2006.01)
A61P 29/00 (2006.01)

(54) Title
SPIRO COMPOUNDS AS MELANOCORTIN 4 RECEPTOR ANTAGONISTS AND USES THEREOF

(57) Abstract

Described herein are compounds of Formula I: and their pharmaceutically acceptable salts, wherein R^1, R^2, R^3 , X^1, Y^1, Y^2, Y^3, Y^4 and Y^5 are defined herein; their use as MC4R antagonists; pharmaceutical compositions containing such compounds and salts; the use of such compounds and salts to treat, for example, cachexia, anorexia, or anorexia nervosa; and intermediates and processes for preparing such compounds and salts.



I

(56) Documents Cited : EP 2 003 131 A1 WO 2007/041052 A2 ALAN C. FOSTER et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7896

(21) Application No : AP/P/2022/014541

(22) Filing Date : 23.06.2021

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20181754.1	23.06.2020

(84) Designated States: GH MZ TZ

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(74) Representative
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(51) International Classification : C07C 273/04 (2006.01) B01J 3/00 (2006.01)

(54) Title
THERMAL STRIPPING UREA PLANT AND PROCESS

(57) Abstract

The disclosure pertains to a urea production plant and process using a thermal stripper, wherein the reaction mixture is separated in two parts, wherein the first part is supplied at least in part to the thermal stripper and the second part at least in part bypasses the thermal stripper and is supplied to a medium pressure recovery section.

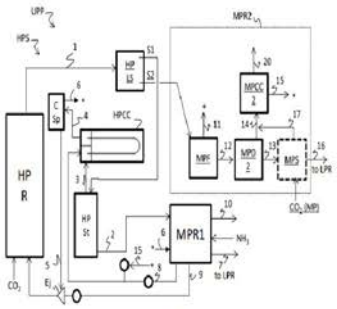

FIG. 1

(56) Documents Cited :

US 2004/0116743 A1
US 5 681 537 A
US 2015/0322000 A1
US 6 632 967 B2
EP 0 598 250 A1
US 2008/0118414 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7897

(21) **Application No :** AP/P/2022/014544

(22) **Filing Date :** 29.09.2017

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	201641033563	30.09.2016

(84) **Designated States:**
BW GH GM KE LR LS MW MZ NA SD SL ST SZ TZ ZM ZW

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(51) **International Classification :** A61K 39/09 (2006.01) A61K 39/39 (2006.01) A61K 39/00 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01)

(54) **Title**
MULTIVALENT PNEUMOCOCCAL VACCINE COMPOSITIONS COMPRISING POLYSACCHARIDE-PROTEIN CONJUGATES

(57) **Abstract**

The present disclosure relates to multivalent pneumococcal vaccine compositions comprising capsular pneumococcal polysaccharide serotypes each individually conjugated to carrier proteins. When conjugated, the combination of the capsular pneumococcal polysaccharide serotype and the carrier protein is referred to herein as a polysaccharide-protein conjugate. The pneumococcal vaccine compositions may further comprise one or more of the following; a pharmaceutically acceptable carrier, a pharmaceutically acceptable diluent, a buffer, a preservative, a stabilizer, an adjuvant, and/or a lyophilization excipient. Methods of making and administering the pneumococcal vaccine compositions described herein are also provided.

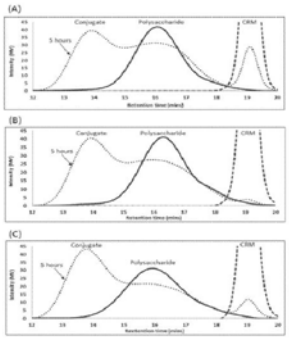

FIG. 1

(56) **Documents Cited :**
LIN H et al. WO 2010/120921 A1
EP 2425856 A1 WO 2016/207905 A2
ALLANA J SUCHER et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7898

(21) **Application No :** AP/P/2022/014554

(22) **Filing Date :** 11.05.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
DE	10 2020 112 894.0	13.05.2020

(84) **Designated States:**
GH GM KE LR MW MZ SL
TZ UG ZM

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STREIT Norbert, Germany
et al

(74) **Representative**
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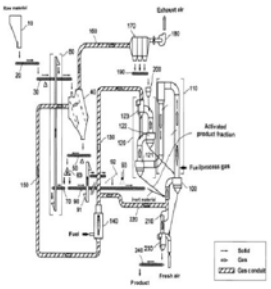
(51) **International Classification :** C04B 7/12 (2006.01)

(54) **Title**
METHOD AND SYSTEM FOR ACTIVATING CLAY

(57) **Abstract**

The invention relates to a method and a system for activating clay. According to the invention, clay raw material is divided into a coarse product fraction and a fine product fraction; the fine product fraction is preheated in a preheater, and the fine product fraction is then activated in a fluidized bed reactor and/or entrained bed reactor; the activated and heated fine product fraction is combined with the separated and cooled coarse product fraction, whereby the thermally activated clay fraction is quenched; and the combined clay fractions are discharged out of the reactor. The aforementioned method is advantageous in that the activated clay is not oxidized and therefore the clay is not colored reddish. Additionally, the preceding separation process saves a considerable amount of thermal energy, and the quenching process of the thermally activated clay stabilizes the total product against an undesired red coloring.

Fig. 1



(56) **Documents Cited :** RU 2 223 854 C2 WO 2017/186780 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7899

(21) Application No : AP/P/2022/014556

(22) Filing Date : 21.05.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/028,616	22.05.2020

(84) Designated States: BW GH NA TZ ZM ZW

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FILMER Anthony Owen, Australia

(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C22B 3/10 (2006.01) C22B 34/22 (2006.01) C22B 5/10 (2006.01)

(54) Title
HEAP LEACHING

(57) Abstract

THIS invention relates to a method of recovering metal values such as gold, copper, nickel, zinc and uranium from ores containing said metal values. The method includes the steps of crushing an ore (10) to provide a sand containing metal values with a P80 of less than 5mm but greater than 1mm; classifying the sand (12) to remove a finer fraction to provide classified sand with a P10 of greater than 0.15mm, and a P90/P10 ratio of less than 25 and greater than 3, forming a heap (18) from the classified sand, and distributing leachant and air through the heap to leach the values from the sand in a pregnant leachate, from which the leached values may be recovered. The invention also relates to a heap formed from ore processed by this method.

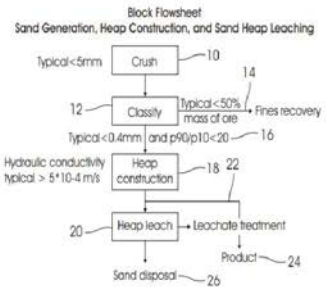

Fig. 1

(56) Documents Cited : YIN WANZHONG et al. US 8, 052, 774 B2 GHORBANIYOUSEF et al. JOCHEN PETERSEN: "Heap lea

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7900

(21) Application No : AP/P/2022/014574

(22) Filing Date : 29.06.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20182896.9	29.06.2020

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

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GANSHOF VAN DER MEERSCH Nicolas, Switzerland
GABELLA Thomas, Switzerland

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : A61B 6/00 (2006.01)

(54) Title
A MEDICAL IMAGING APPARATUS HAVING A RADIATION SOURCE AND AN IMAGING DEVICE WITH ROTATIONAL ARMS

(57) Abstract

A radiation apparatus including a support column, a rotatable arm that is configured to rotate around a first pivot relative to the support column, a first arm rotatably attached to one side of the rotatable arm to rotate about a second pivot, the first arm holding a imaging device, and a second arm rotatably attached to an other side of the rotatable arm to rotate about a third pivot, the second arm holding a radiation source, wherein radiation axis of the radiation source is configured to irradiate an imaging plane of the imaging device.

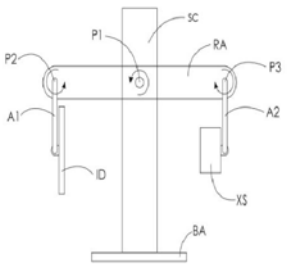

FIG. 1

(56) Documents Cited : US 2010/303207 A1; US 3784837 A; US 2010/008474 A1; US 2005/094770 A1; DE 102010041201 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7901

(21) **Application No :** AP/P/2022/014577

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(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	63/050,147	10.07.2020
US	63/196,793	04.06.2021

(84) **Designated States:** GH KE

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(74) **Representative**
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(51) **International Classification :** A61K 31/497 (2006.01) A61P 13/12 (2006.01) A61K 31/70 (2006.01)

(54) **Title**
COMBINATION OF ZIBOTENTAN AND DAPAGLIFLOZIN FOR THE TREATMENT OF CHRONIC KIDNEY DISEASE

(57) **Abstract**

The present disclosure relates to the endothelin receptor antagonist (ERA) zibotentan in combination with the sodium-dependent glucose cotransporter 2 (SGLT2) inhibitor dapagliflozin for use in the treatment of certain endothelin related diseases.

(56) **Documents Cited :**

WO 2020/070539 STERN EDWARD et al. STERN EDWARD et al.
WO2020/070539 A1 LYRVYN et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7902

(21) Application No : AP/P/2022/014611

(22) Filing Date : 08.06.2021

(24) (45) Date of Grant & Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	2008644.3	08.06.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(51) International Classification : A62C 35/62 (2006.01) A62C 37/50 (2006.01)

(54) Title
APPARATUS AND METHOD FOR TESTING A FIRE SUPPRESSION SYSTEM

(57) Abstract

An apparatus (10) for testing a water deluge system (12) having a wet side (16) and a dry side (14) separated by a valve (18) comprises a blower (24) configured for coupling to an inlet (42) of the water deluge system (12). The blower (24) is configured to provide a supply of pressurised air through the water deluge system (12) from the inlet (42) to one or more outlet of the water deluge system (12). A sensor arrangement (26) is coupled to or operatively associated with one or more of the outlets (22) of the water deluge system (12), and is configured to measure the pressure of the air at the one or more outlets (22) of the water deluge system (12) and then output one or more output signals indicative of the pressure of the air at the one or more outlets (22). A communication arrangement (34) conveys the one or more output signals from the sensor arrangement (26) to a processing system configured to determine from said one or more output signals the flow rate of the air supply at the one or more outlets (22).

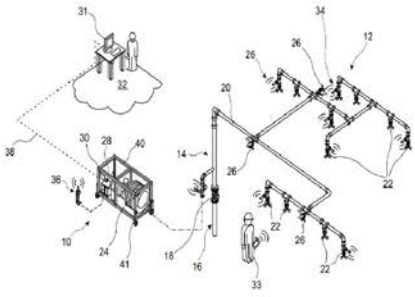

FIG. 1

(56) Documents Cited : WO 2014/147418 A2 DE 102010050505 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7903

(21) Application No : AP/P/2023/014689

(22) Filing Date : 15.09.2020

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/103,125	17.07.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : A41D 13/11 (2006.01) A62B 18/02 (2006.01) A62B 23/06 (2006.01)

(54) Title

PROTECTIVE FACE MASK

(57) Abstract

An improved protective face mask is disclosed having separate chambers for the nose and mouth thereby creating separate air passages for air flow and better circulation of clean air flow for breathing. The mask comprises a first chamber made to form and fit upon the nose of the wearer having a first air passage and a second chamber formed to cover and contain the mouth of the wearer having a second air passage for directing air flow therein. The mask includes a secured separation means between the first chamber and the second chamber, and an angled directional cavity in the second chamber extending downwards from mouth area towards chin area for creating the second air passage to direct the air flow.

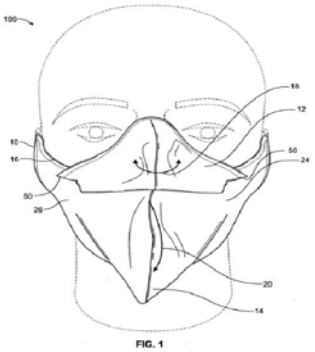

FIG. 1

(56) Documents Cited :

US 2003/0145858 A1
US 2007/0050883 A1
US 1,150,991 A
US 1,562,302 A
US 5,701,892 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7904

(21) **Application No :** AP/P/2023/014712

(22) **Filing Date :** 26.08.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
ZM

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(74) **Representative**
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(51) **International Classification :** B62D 12/00 (2006.01) B62D 53/02 (2006.01)

(54) **Title**
A HYDRAULIC CYLINDER MOUNTING ARRANGEMENT

(57) **Abstract**

A cylinder mounting arrangement including: a mining vehicle having a frame; and at least one hydraulic cylinder (1) mounted to the frame of the vehicle, the cylinder (1) having a cylinder pin (10) for the mounting. In the invention the frame has an opening through which the cylinder (1) can be inserted inside the frame and also removed, and that a mounting element (8) has been assembled to one end of the cylinder (1), the mounting element (8) including a front plate (8') being assembled against the outside of the frame covering the opening (5) at least partially and two ears (8'') for the attachment to the cylinder pin (10), and that the front plate (8') is fixed to the frame by mounting bolts (6) or screws from the outside the frame. The invention also relates to a mining vehicle.

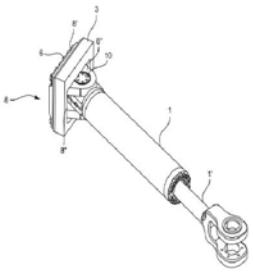

FIG. 4

(56) **Documents Cited :**

US 4890684 A
KR 101276544 B1
DE 102010014811
US 3510178 A
US 4453614 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7905

(21) **Application No :** AP/P/2023/014784

(22) **Filing Date :** 02.10.2020

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date

(84) **Designated States:** BW ZM ZW

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VÄNTTINEN Kari, Finland
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(51) **International Classification :** B01D 25/127 (2006.01); B01D 25/164 (2006.01); B01D 25/30 (2006.01); B32B 3/30 (2006.01); F16B 5/07 (2006.01)

(54) **Title**
A GRID AND VAT FOR A FILTER PRESS

(57) **Abstract**

A grid (1) and a vat (4) for a vat assembly of a vertical filter press such as a tower press is disclosed. The grid (1) is provided with a topographical pattern (3) engaging with a corresponding, inverse topographical pattern (8) on the filtrate vat (4). The topographical patterns (3, 8) guide the filtrate flow towards a filtrate outlet (7) and reduces the formation of vortices and turbulent flow of the filtrate, hence increasing the filtrate flow rate through the vat. Simultaneous, the topographical patterns (3, 8) improve secure attachment of the grid (1) onto the vat (4), thereby allowing increased travel speed of the filter medium during advancement thereof. As a result, the cycle time of a filtration process may be reduced, and consequently, the overall capacity of the associated filter press is increased. A filtrate vat assembly and a vertical filter are also disclosed.

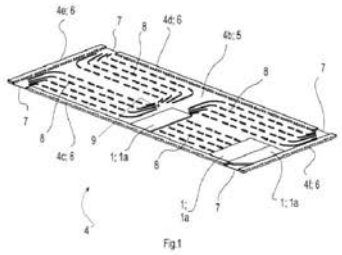

Fig.1

(56) **Documents Cited :** WO 9833573 A1; WO 03057344 A1; US 5938920 A; CN 203355412

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7906

(21) Application No : AP/P/2023/014817

(22) Filing Date : 01.10.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2020/06085	01.10.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(74) Representative
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(51) International Classification : F24S 23/77 (2018.01)

(54) Title
HELIOSTAT CALIBRATION

(57) Abstract

Systems and methods for calibrating a heliostat (104) are disclosed. An imaging device (100) is positioned and oriented so that a calibration target (130) reflected by the heliostat (103) is visible at the imaging device and an image taken. Multiple features of the reflected calibration target in the image are identified and used to determine a centroid of reflection within the image which is then mapped to a corresponding centroid position on the calibration target. A vector that extends between the centroid position on the calibration target and a known position of the heliostat, as well as a vector that extends between the known positions of the imaging device and of the heliostat, are determined. A normal vector of the heliostat is determined as the vector that bisects and and is used to calibrate the heliostat by updating parameters of a heliostat tracking model.

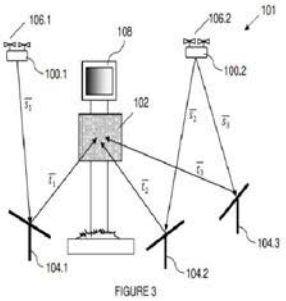

FIGURE 3

(56) Documents Cited :
DE 102015217086 A1
US 2016/0025591 A1
US 9523759 B2
US 8674280 B1
WO 2012/0083383 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7907

(21) **Application No :** AP/P/2023/014867

(22) **Filing Date :** 24.11.2021

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	20209528.7	24.11.2020

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(74) **Representative**
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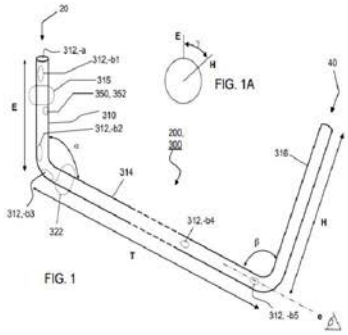
(51) **International Classification :** A61N 5/10 (2006.01); A61B 90/14 (2016.01); A61B 34/30 (2016.01); A61B 90/00 (2016.01); A61B 90/17 (2016.01)

(54) **Title**

SYSTEM AND METHOD FOR REPEATABLE ALIGNMENT OF BODILY TISSUE FOR PROGRAMME OF EXTERNAL RADIOTHERAPY TREATMENT

(57) **Abstract**

Provided herein is radiotherapy treatment system (100) for assisting treatment of a subject in an external radiotherapy programme comprising one or more external radiotherapy treatment sessions, the system (100) comprising a robotic arm, RA, (400, 400a) having a base end (422, 422a) and an effector end and a steering guide (300) having a proximal (40) and distal (20) end comprising a rigid effector shaft (310) at the distal end (20) configured for insertion into the canal (602) of the subject (50), or for attachment to an inserter (204) configured for insertion into the canal (602) of the subject (50), wherein the positioning tool (200) is configured to move and/or fix the canal (602) for the external radiotherapy treatment session responsive to movements of the robotic arm.



(56) **Documents Cited :**

US 2017/312546 A1
US 2013/317276 A1
US 2008/097471 A1
US 2009/227827 A1
US 2008/293994 A1
US 2007/284545 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7908

(21) Application No : AP/P/2023/014915

(22) Filing Date : 26.05.2023

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	17/965,591	13.10.2022

(84) Designated States: KE

(73) Applicant(s)
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WIEGAND Thomas, Germany
et al

(74) Representative
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(51) International Classification : H04N 19/70 (2014.01) H04N 19/82 (2014.01)

(54) Title
VIDEO CODING USING A CODED PICTURE BUFFER

(57) Abstract

Interpolation between explicitly signaled CPB (or HRD) parameters at selected bit rates is used to achieve a good compromise between CPB parameter transmission capacity and CPB parametrization effectiveness and may be, particularly, made in an effective manner.

(56) Documents Cited : BROSS B et al. US 6646578 B1 "Advanced video coding for ge US 7599435 B2 HAO LV et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7909

(21) Application No : AP/P/2023/014924

(22) Filing Date : 30.11.2021

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20306465.4	30.11.2020

(84) Designated States: NA

(73) Applicant(s)
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(51) International Classification :
E21B 33/122 (2006.01)
E21B 34/10 (2006.01)
E21B 43/12 (2006.01)
E21B 23/06 (2006.01)
E21B 49/00 (2006.01)
E21B 47/14 (2006.01)

(54) Title
METHOD AND SYSTEM FOR AUTOMATED MULTI-ZONE DOWNHOLE CLOSED LOOP RESERVOIR TESTING

(57) Abstract

A well testing system and method is disclosed that reduces the surface equipment needed for well testing by providing a closed loop fluid flow path where the fluids produced during the well test are not brought to the surface for storage or flaring but instead are disposed in a downhole zone. The system and method are implemented using a simplified acoustic communications network where a hub device generates and transmits a single multiple hop query that includes multiple commands or queries directed to targeted downhole tools.

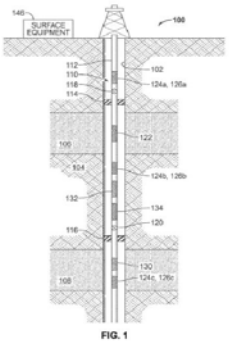

FIG. 1

(56) Documents Cited :
GB 2550864 A
US 2019/0284933 A1
US 2020/0240265 A1
WO 2018/140844 A1
US 2018/0051535 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7910

(21) Application No : AP/P/2023/015101

(22) Filing Date : 21.01.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2021900144	22.01.2021

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SC SD SL ST
SZ TZ UG ZM ZW

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(51) International Classification : B60R 3/02 (2006.01); E04F 11/18 (2006.01); E04F 11/06 (2006.01); E06C 5/04 (2006.01)

(54) Title

RETRACTABLE ACCESS MEANS WITH COLLAPSIBLE HANDRAIL ASSEMBLY

(57) Abstract

An access system (10) for a vehicle, equipment or installation, the access system (10) including at least one section having multiple treads/steps (56), a retraction mechanism with at least one actuator (28), the retraction mechanism arranged to retract and allow deployment of the access means (12), and at least one handrail assembly (32), the at least one handrail assembly (32) being pivotably connected to the access means (12) such that the handrail assembly (32) collapses relative to the at least one section for stowage and extends to provide a handrail for supporting a user when the access means (12) is deployed.

(56) Documents Cited : US 2003/0173153 A1; US 4014486 A; US 2933149 A; US 2018/0093614 A1; US 2015/0136523 A1; US 2018/100289 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7911

(21) Application No : AP/P/2023/015217

(22) Filing Date : 19.04.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2021901147	19.04.2021

(84) Designated States: GH TZ ZW

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(51) International Classification : G01S 17/46 (2006.01), G06T 7/70 (2017.01), E21C 41/00 (2006.01), G01S 19/42 (2010.01), F42D 3/04 (2006.01)

(54) Title
FRAGMENTATION GEOREFERENCING

(57) Abstract

A system for determining locations of blast fragments, the system comprising: a three-dimensional (3D) imaging system mounted on an excavation device and configured for viewing a portion of a pile of blast fragments and configured for capturing at least one image of the viewed portion of the pile of blast fragments; a positioning system configured for providing a location and heading of the excavation device; a processor configured to execute program instructions to process signals from the 3D imaging system, including by performing image processing operations upon the at least one image of the viewed portion of the pile of blast fragments, to: identify a reference location in the viewed portion of the pile of blast fragments; determine the reference location in a geographic coordinate system; identify a plurality of individual blast fragments in the viewed portion of the pile of blast fragments; and determine a distinct geographic coordinate corresponding to each of the plurality of individual blast fragments.

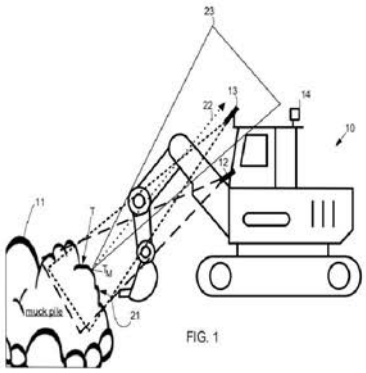

FIG. 1

(56) Documents Cited : US 2019/0003153 A1 US 2019/0012768 A1 US 2017/0067341 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7912

(21) **Application No :** AP/P/2024/015608

(22) **Filing Date :** 08.02.2023

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date

(84) **Designated States:**

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

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(74) **Representative**
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(51) **International Classification :** B29B 17/02 (2006.01) B04C 5/04 (2006.01)
B03B 9/06 (2006.01) B01F 35/71 (2022.01)

(54) **Title**

ARRANGEMENT FOR THE SELF-SUFFICIENT REGULATION OF LIQUID LEVELS IN A PLASTICS RECYCLING PROCESS

(57) **Abstract**

The invention relates to an arrangement for the self-sufficient regulation of liquid levels in a plastic recycling process, having at least one compensation container and at least one stirring container, wherein the compensation container and the stirring container are filled with a process water so that the compensation container has a first liquid level and the stirring container has a second liquid level, wherein the at least one compensation container is fluidically connected to the stirring container so that the process water can flow freely between the compensation container and the stirring container, whereby the first and the second liquid level of the at least one compensation container and of the at least one stirring container are the same.

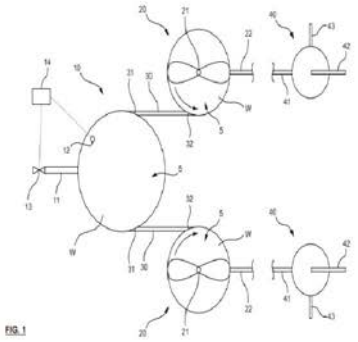

FIG. 1

(56) **Documents Cited :** DE 427 401 C
GB 1 578 428 A
US 2008/110806 A1
EP 0 094 282 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7913

(21) Application No : AP/P/2024/015699

(22) Filing Date : 14.10.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	21206532.0	04.11.2021

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

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LUKAS Christian Joseph, Germany

(74) Representative

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(51) International Classification : B65F 1/14 (2006.01) B30B 9/30 (2006.01) B30B 1/00 (2006.01)

(54) Title

DEVICE FOR COLLECTING AND COMPACTING WASTE

(57) Abstract

The present invention relates to a device for collecting and compacting waste, in particular a waste container. The present invention furthermore relates to a process for collecting and compacting waste.

(56) Documents Cited : WO 2007076964 A1 EP 1498364 A1 US 5027578 A GB 2387527 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7914

(21) Application No : AP/P/2024/015700

(22) Filing Date : 14.10.2022

(24) Date of Grant & (45) Publication : 01/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
NO	20211245	14.10.2021

(84) Designated States: MZ

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(72) Inventors
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(74) Representative
SPOOR.FISHER, Ghana

(51) International Classification : B63B 27/34 (2006.01)

(54) Title
A TRANSFER SYSTEM FOR TRANSFERRING A MEDIUM BETWEEN FACILITIES

(57) Abstract

A transfer system (100) for transferring a fluid between a first facility (102) and a second facility (104) is described. The transfer system (100) comprises a first pipe spool (206), a compensator (210), a second pipe spool (211), a coupling assembly (212), a transfer skid (108) and one or more pipe supports (214). A transfer pipe (106) is in fluid communication between the first facility (102) and the second facility (104), and the transfer pipe (106) is connectable to the coupling assembly (212) of the transfer system (100). The transfer skid (108) comprises an inboard assembly which is mounted to a second deck (222) and an outboard assembly which includes a structural frame (220) and one or more pipe supports (214) supporting the second pipe spool (211), the coupling assembly (212), the transfer pipe (106), or a combination thereof passing through an inner passage of the transfer skid (108).

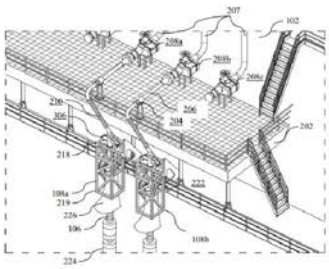

FIG. 2b

(56) Documents Cited : US 2012/230772 A1 US 2012/152366 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7915

(21) **Application No :** AP/P/2024/015714

(22) **Filing Date :** 03.10.2022

(24) (45) **Date of Grant & Publication :** 01/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
GB	2114922.4	19.10.2021

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SC SD SL ST
SZ TZ UG ZM ZW

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(51) **International Classification :** H03H 7/38 (2006.01) H01F 19/04 (2006.01)
H01P 3/08 (2006.01) H03F 1/56 (2006.01)
H01F 19/06 (2006.01)

(54) **Title**
IMPEDANCE ADAPTOR

(57) **Abstract**

An impedance adaptor is provided, including first and second transmission lines, each of which is provided by an arm and includes a first conductor and a second conductor. The transmission lines are arranged such that the first conductor of the first transmission line is adjacent and co-planar with the first conductor of the second transmission line, and the second conductor of the first transmission line is adjacent and co-planar with the second conductor of the second transmission line. A first end of the first conductor of the first transmission line is electrically coupled to a first end of the first conductor of the second transmission line. A first end of the second conductor of the first transmission line is electrically coupled to a first end of the second conductor of the second transmission line.

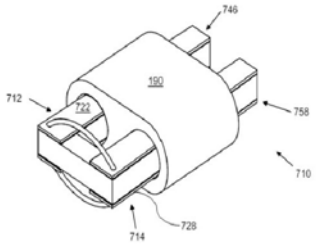

Figure 9

(56) **Documents Cited :** US 2018/082778 A1 US 3 729 694 A DE 199 15 649 A1
US 8 077 006 B2 WO 01/80349 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7916

(21) Application No : AP/P/2021/013506

(22) Filing Date : 03.04.2019

(24) Date of Grant & (45) Publication : 05/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date

(84) Designated States:
BW GH GM KE LR MW MZ NA RW SD SL TZ UG ZM ZW

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(51) International Classification : A01N 59/16 (2006.01) A01N 25/04 (2006.01)

(54) Title
COLLOIDAL SILVER-BASED COMPOSITIONS AND METHODS OF USE THEREOF FOR PREVENTING AND CONTROLLING PLANT DISEASES

(57) Abstract

This disclosure provides an eco-friendly colloidal silver-based composition with the ability to prevent and control infections caused by pathogenic microorganisms in superficial organs of plants. The composition comprises water, colloidal silver, methyl vinyl ether copolymer, African palm vegetable oil, polyoxyethylene octylphenyl ether, triethanolamine, sodium hydroxide, and sodium benzoate. Due to its characteristics and the non-systemic application, the disclosed composition is non-toxic to host plants and other multicellular organisms.

(56) Documents Cited : US 2-16/081347 A1 US 2016/128944 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7917

(21) Application No : AP/P/2022/014033

(22) Filing Date : 13.11.2020

(24) Date of Grant & (45) Publication : 06/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	19209593.3	15.11.2019
EP	19213851.9	05.12.2019
EP	20171172.8	23.04.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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et al

(74) Representative
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(51) International Classification : A61K 31/404 (2006.01) A61K 31/4045 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)

(54) Title
TREATMENT AND PREVENTION OF DENGUE DISEASE

(57) Abstract

The present invention relates to the use of substituted indole derivatives and substituted indoline derivatives in the manufacture of a medicament for the treatment of dengue disease in an individual infected by dengue virus or the prevention of dengue disease in an individual at risk of being infected by Dengue virus. The invention further provides a method for the treatment or the prevention of dengue in an individual at risk of being infected by Dengue virus.

(56) Documents Cited : WO 2016/180696 A1 WO 2017/165736 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7918

(21) Application No : AP/P/2021/013408

(22) Filing Date : 22.01.2020

(24) Date of Grant & (45) Publication : 06/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/796,051	23.01.2019

(84) Designated States:
GH KE LR MW MZ RW SL
SZ TZ UG ZM ZW

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(74) Representative
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(51) International Classification : A01M 29/12 (2011.01) A01N 59/06 (2006.01) A01N 35/06 (2006.01) A01N 59/16 (2006.01)

(54) Title
DETERRENCE OF BIRDS FROM PESTICIDE-TREATED SUBSTANCES

(57) Abstract

This disclosure relates to bird-deterrent compositions and methods of using the same in deterring a bird from ingesting lethal doses of a pesticidetreated substance, such as a pesticide-treated plant seed. The bird-deterrent compositions comprise a bird repellent and/or a visual cue agent. Pesticidetreated substance that have been treated with the bird-deterrent compositions will prevent bird from ingesting lethal doses of the pesticide-treated substance, while not deterring the birds from ingesting non-lethal doses of the same pesticide-treated substances.

(56) Documents Cited : US 2016/157477 A1, US 2015/147288 A1, US 6,328, 986 B1, WO 2016/007179 A1, US 9, 131, 678 B1, US 5792 468 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7919

(21) Application No : AP/P/2022/014281

(22) Filing Date : 27.02.2020

(24) Date of Grant & (45) Publication : 06/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date

(84) Designated States: GH TZ ZM

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(51) International Classification : E02F 9/28 (2006.01)

(54) Title
LOCKING ASSEMBLY FOR A SHROUD FOR A GROUND ENGAGING TOOL

(57) Abstract

A locking assembly (1) for releasably locking a shroud (2) to a carrier (3), wherein the locking assembly comprises a main body, a piston and a bolt provided with a thread engaging a corresponding thread of the piston for controlling the position of the piston relative to the main body, wherein locking assembly comprises a retaining means comprising a plurality of balls securing the bolt within a central recess of the main body.

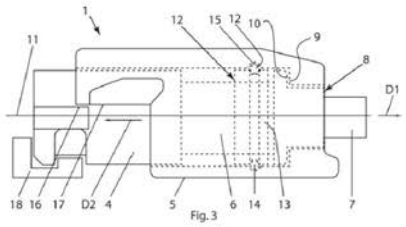

Fig.3

(56) Documents Cited :

WO 2014037780 A1	US 7219454 B2	US 7472503 B2
WO 2010065990 A1	US 2018044895 A1	EP 3227498 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7920

(21) Application No : AP/P/2022/014455

(22) Filing Date : 18.05.2021

(24) Date of Grant & (45) Publication : 06/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
CH	00598/20	18.05.2020

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)
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(74) Representative
COGHLAN, WELSH & GUEST, Zimbabwe

(51) International Classification :
B65D 1/02 (2006.01)
B65D 35/42 (2006.01)
B65D 55/16 (2006.01)
B65D 1/09 (2006.01)
B65D 47/10 (2006.01)
A61J 1/06 (2006.01)

(54) Title
PLASTIC CONTAINER

(57) Abstract

The invention relates to a plastic container (11) which is blown in a blow mold, having a body (13), on which an opening (15) is provided, and a disposable closure (17), which closes the opening (15) and is formed in the blow mold together with the body (13). A holding strip (19) with a first end and a second end (21, 23) is also formed in the blow mold together with the body (13) and the disposable closure (17). The first end (21) is permanently fixed to the body (13), and the second end (23) is permanently fixed to the closure (17). The body (13), the disposable closure (17), and the holding strip (19) are formed as a single piece.

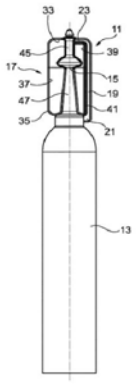

Fig. 1

(56) Documents Cited :
US 2016/0137367 A1
FR 1 372 433 A
DE 27 14 917 A1
US 6 168 413 B1
EP 2 147 657 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7921

(21) Application No : AP/P/2024/015610

(22) Filing Date : 21.10.2022

(24) Date of Grant & (45) Publication : 06/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	17/518,308	03.11.2021

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

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(74) Representative

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(51) International Classification : A61M 5/32 (2006.01) A61M 5/178 (2006.01)

(54) Title

MEDICAL SYRINGE

(57) Abstract

A safety syringe for medical use having an injection molded plastic body with a tubular barrel, a transverse finger flange surrounding the barrel and two upwardly projecting wings with substantially flat, outwardly facing surfaces disposed forwardly of the finger flange, a plunger assembly slidably engaging an inside wall of the barrel, a needle with a tip projecting forwardly from the barrel, and a needle safety shield slidably engaging the body between the wings, wherein the transverse finger flange has a window that allows core pin insertion through the window during injection molding of the body, the plunger assembly has a proximal end cap that is integral with the plunger handle and abuts a rearwardly facing surface of the transverse finger flange, and the needle safety shield has a distal end with a cylindrical needle guard that is forwardly movable following use of the syringe to guard the needle tip.

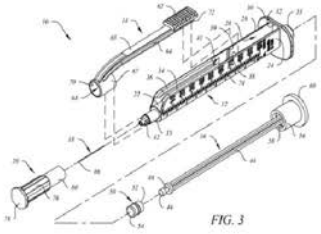

FIG. 3

(56) Documents Cited : US 2019/0298929 A1 US 2006/0264825 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7922

(21) Application No : AP/P/2021/013180

(22) Filing Date : 05.11.2019

(24) (45) Date of Grant & Publication : 08/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1818133.9	07.11.2018

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)
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RIES Gilles, Belgium
DEMUTH Jeannot, Luxembourg

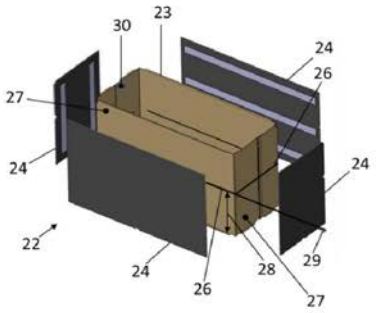
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : F25D 3/02 (2006.01) B65D 81/38 (2006.01)

(54) Title
COLD STORAGE DEVICE

(57) Abstract

An ice-lined cold storage device (10) comprising: a cold storage compartment (15) arranged at an interior of the ice-lined cold storage device; an ice-lining (25a, 25b, 25c, 25d) configured to absorb heat from the interior of the cold-storage device; a cooling circuit (16) configured, when in operation, to remove heat from the ice-lining; an inner liner (22) arranged between the cold storage compartment and the ice-lining, the inner liner comprising a sheet material (23) having a major surface which faces towards the cold storage compartment and a major surface (27) which faces towards the ice-lining; is provided with an electrical heating element (26) arranged at one of the said major surfaces of the inner to provide heat to the interior of the cold storage device.



(56) Documents Cited :
US 2018023876 A1
WO 2017090019 A2
US 2004226309 A1
JP 2004238051 A
US 6222160 B1
US 20180333330

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7923

(21) **Application No :** AP/P/2022/014085

(22) **Filing Date :** 04.12.2020

(24) (45) **Date of Grant & Publication :** 08/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IT	102019000023016	04.12.2019

(84) **Designated States:**
BW GH GM KE LS MW MZ
NA SD SL SZ TZ ZM ZW

(73) **Applicant(s)**
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(74) **Representative**
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(51) **International Classification :**
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 9/107 (2006.01)
A61K 47/36 (2006.01)
A61K 31/00 (2006.01)
A61K 47/14 (2017.01)
A61K 47/24 (2006.01)

(54) **Title**
FORMULATIONS COMPRISING A MINERAL AND/OR A VITAMIN AND A POLYSACCHARIDE, COMPOSITIONS THEREOF AND USE THEREOF IN SUPPLEMENTING SAID MINERAL AND/OR VITAMIN

(57) **Abstract**

The present invention relates to a solid form formulation based on a nutrient comprising: (a) a mineral or a vitamin (b) a phospholipid, (c) a first agent selected from (c-i) carrageenan and (c-ii) acacia gum, and, optionally, (d) a sucrester and/or (e) a starch of plant origin. Furthermore, the present invention relates to a composition comprising at least one of said formulations and the use thereof in the treatment of a deficiency of said mineral and/or vitamin. Lastly, the present invention relates to a process for the preparation of said formulations or compositions.

(56) **Documents Cited :**
US 2001/021373 A1
CN 101 455 401 A
DATABASE GNPD [ONLINE] M
WO 2014/009806 A1
CN 1077 342 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7924

(21) Application No : AP/P/2021/013488

(22) Filing Date : 20.03.2020

(24) Date of Grant & (45) Publication : 14/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1903942.9	22.03.2019

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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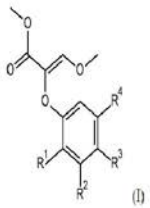
(51) International Classification : C07C 69/736 (2006.01); C07C 255/46 (2006.01); A01N 37/50 (2006.01); C07C 251/44 (2006.01); A01N 37/36 (2006.01)

(54) Title
FUNGICIDAL COMPOUNDS

(57) Abstract

Compounds of the formula (I) wherein the substituents are as defined in claim 1, useful as a pesticides, especially as fungicides.



(I)

(56) Documents Cited : EP 0212859 A2 WO 01/00562 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 7925

(21) Application No : AP/P/2021/013693

(22) Filing Date : 21.07.2020

(24) Date of Grant & (45) Publication : 14/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	19187617.6	22.07.2019

(84) Designated States: GH KE

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(51) International Classification :
C07D 487/10 (2006.01)
C07D 487/04 (2006.01)
C07D 471/08 (2006.01)
C07D 401/12 (2006.01)
A61K 31/444 (2006.01)
A61K 31/407 (2006.01)
A61P 29/00 (2006.01)
C07D 487/08 (2006.01)
C07D 471/10 (2006.01)
C07D 401/14 (2006.01)
A61K 31/497 (2006.01)
A61K 31/438 (2006.01)
A61P 11/00 (2006.01)

(54) Title
N-METHYL, N-(6-(METHOXY)PYRIDAZIN-3-YL) AMINE DERIVATIVES AS AUTOTAXIN (ATX) MODULATORS FOR THE TREATMENT OF INFLAMMATORY AIRWAY OR FIBROTIC DISEASES

(57) Abstract

The present invention relates to novel pyridazines, processes for their preparation, pharmaceutical compositions containing them and their use in therapy, particularly in the treatment and/or prevention of diseases and disorders mediated by Autotaxin.

(56) Documents Cited : WO 2013/061297 A1 US 2017/044133 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7926

(21) Application No : AP/P/2022/014256

(22) Filing Date : 18.02.2021

(24) Date of Grant & (45) Publication : 14/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
IT	102020000003635	21.02.2020

(84) Designated States: MZ ZW

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CAPUZZI Luigi, Italy

(74) Representative
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(51) International Classification : A01N 25/02 (2006.01) A01N 37/02 (2006.01) A01N 25/30 (2006.01)

(54) Title
PELARGONIC ACID-BASED HERBICIDE COMPOSITIONS

(57) Abstract

The present invention relates to a concentrated emulsifiable composition comprising pelargonic acid and at least one emulsifying agent belonging to the class of anionic surfactants, preferably in acid form, at least one emulsifying agent belonging to the class of non-ionic surfactants and at least an organic solvent, a process for preparing said composition and use of said composition in herbicidal applications and as desiccant harvest aid. Said composition advantageously also finds use as a plant growth regulator.

(56) Documents Cited : US 5 366 995 A; US 5 106 410 A; US 7 820 594 B2; BASF: "SAFETY DATA SHEET k; CN 101 743 964 A; WO 95/17087 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 7927

(21) Application No : AP/P/2022/014324

(22) Filing Date : 25.03.2021

(24) Date of Grant & (45) Publication : 14/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/000,299	26.03.2020
US	63/002,896	31.03.2020
US	63/003,716	01.04.2020
US	63/023,545	12.05.2020
US	63/024,204	13.05.2020
US	63/024,248	13.05.2020
US	63/027,173	19.05.2020
US	63/037,984	11.06.2020
US	63/040,224	17.06.2020
US	63/040,246	17.06.2020
US	63/142,196	27.01.2021
US	63/161,890	16.03.2021

(84) Designated States: GH KE

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GILCHUK Pavlo, United States of America
et al

(74) Representative
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(51) International Classification : C07K 16/10 (2006.01) G01N 33/577 (2006.01) G01N 33/569 (2006.01) A61K 39/00 (2006.01)

(54) Title
HUMAN MONOCLONAL ANTIBODIES TO SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2)

(57) Abstract

The present disclosure is directed to antibodies binding to and neutralizing the coronavirus designated SARS-CoV-2 and methods for use thereof.

(56) Documents Cited : CHUNYAN WANG et al. OI-WING NG et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7928

(21) Application No : AP/P/2022/014228

(22) Filing Date : 22.02.2021

(24) Date of Grant & (45) Publication : 15/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20159211.0	25.02.2020

(84) Designated States: KE MZ TZ

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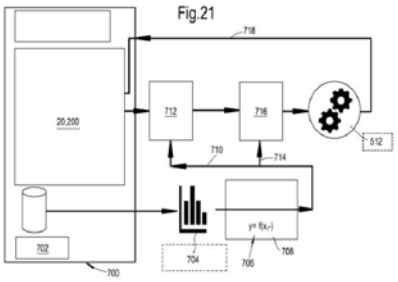
(51) International Classification :
F25J 1/00 (2006.01)
G05B 13/04 (2006.01)
G05B 17/00 (2006.01)
F25J 1/02 (2006.01)
G05B 23/00 (2006.01)

(54) Title
METHOD AND SYSTEM FOR PRODUCTION OPTIMIZATION

(57) Abstract

The disclosure provides a method and system for optimizing production of a natural gas liquefaction process, the method comprising the steps of: selecting at least one manipulated variable (MV) for controlling the liquefaction process; selecting at least one control variable (CV), the at least one control variable at least comprising liquefied natural gas (LNG) throughput; providing at least one model, each model providing a dependency of the at least one control variable (CV) on the at least one manipulated variable (MV); using the at least one model to estimate LNG throughput for at least one of the manipulated variables (MV); obtaining process data from the liquefaction process, the process data at least including observed values of LNG throughput; for combinations of the at least one manipulated variable and the at least one control variable, testing the interdependency thereof; creating a gain matrix based on said interdependencies; and using the gain matrix to optimize a process control system of the liquefaction process.

Fig.21



(56) Documents Cited :
US 2015/0168925 A1 GODOY J L et al. US 2012/0071991 A1
US 2016/0018796 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7929

(21) Application No : AP/P/2023/015002

(22) Filing Date : 03.12.2021

(24) Date of Grant & (45) Publication : 15/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2020904477	03.12.2020
AU	2021221469	24.08.2021

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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(51) International Classification :
D01B 1/22 (2006.01)
D01B 1/32 (2006.01)
D01B 1/32 (2006.01)
D01B 1/38 (2006.01)
D01D 11/00 (2006.01)
B09B 3/80 (2022.01)

(54) Title
DECORTICATOR AND DECORTICATING PROCESS

(57) Abstract

There is provided a device, process and system for decortication of biomass comprising hurd, bark and bast, such as long stalk biomass. Typically, one or more of the bark, hurd or bast generated by the decortication process or decorticator device is fed to a downstream process or downstream device such as a counter current extractor. The liquid or fibre products of decorticator, or the decorticator in combination with the counter current extractor may be further processed into their components.

(56) Documents Cited : US 553034 A, US 2706312 A, WO 2019/071361 A1, WO 2000/020667 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7930

(21) Application No : AP/P/2020/012567

(22) Filing Date : 21.12.2018

(24) Date of Grant & (45) Publication : 25/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/609,732	22.12.2017

(84) Designated States: GH

(73) Applicant(s)
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(51) International Classification : C10G 9/36 (2006.01) C10G 31/06 (2006.01) C10G 9/42 (2006.01)

(54) Title
METHODS FOR PROCESSING HYDROCARBON FEEDSTOCKS

(57) Abstract

Disclosed are methods and modular devices for processing hydrocarbon feedstocks. In particular, the methods and modular devices disclosed herein provide for increasing the amounts of light fractions obtainable from a hydrocarbon feedstock.

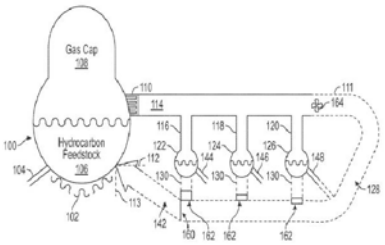

FIG.1

(56) Documents Cited :

US 2 210 901 A
US 1 640 444 A
WO 2008/070300 A1
WO 2007/106291 A2
US 7 311 746 B2
GB 517 269 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7931

(21) Application No : AP/P/2022/013908

(22) Filing Date : 18.09.2020

(24) Date of Grant & (45) Publication : 25/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	16/576,360	19.09.2019
US	PCT/US2019/0520:	19.09.2019
US	62/902,887	19.09.2019
US	16/576,720	19.09.2019
US	62/906,437	26.09.2019
US	63/024,441	13.05.2020
US	63/024,432	13.05.2020
US	62/704,785	28.05.2020
US	62/705,106	11.06.2020

(84) Designated States: BW GH KE NA SZ ZW

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et al

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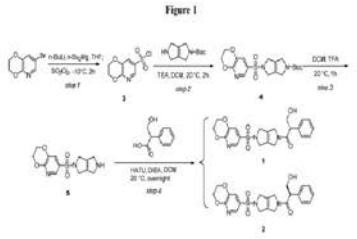
(51) International Classification : A61K 31/407 (2006.01) A61P 7/06 (2006.01) A61K 31/436 (2006.01) C07D 487/04 (2006.01)

(54) Title
PYRUVATE KINASE R (PKR) ACTIVATING COMPOSITIONS

(57) Abstract

The present disclosure provides crystalline solid forms, spray-dried dispersions and pharmaceutical compositions, including solid oral dosage forms, of (S)-1-(5-[2H,3H- [1,4] dioxino[2,3-b]pyridine-7-sulfonyl]-1H,2H,3H,4H,5H,6H-pyrrolo[3,4-c]pyrrol-2-yl)-3-hydroxy-2-phenylpropan-1-one ("Compound 1"), and preparation methods thereof.



(56) Documents Cited : WO 2018/175474 A1 WO 2016/046837 A1 PUBCHEM, CID 135338361. 15
US 2016/106728 A1 US 2019/0218221 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7932

(21) Application No : AP/P/2020/012767

(22) Filing Date : 05.11.2020

(24) Date of Grant & (45) Publication : 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2019/07318	05.11.2019

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

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et al

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(51) International Classification : B32B15/B32B15(2015.01) B32B21/B32B27(2015.01) B32B27/B32B27(2015.01) B32B27/B32B3/(2015.01) B32B3/(B32B7/(2015.01)

(54) Title
PROTECTED SHUTTER BOARD

(57) Abstract

The invention relates to a shutter board for use during concrete construction. The shutter board comprises a substantially planar body, having a damage resistant, protective layer over at least one conventional outer (working) surface, the layer characterised in that it comprises a urethane-based material, selected from the group comprising a polyurethane elastomer and a urethane prepolymer, with physical properties of preselected abrasion resistance, tear strength, chemical resistance and temperature compatibility.

(56) Documents Cited : CN 2138164 Y; JP H11293104 A; JP 2006257728 A; KR 20090079863 A; EP 0478773 A1; DE 19622149 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7933

(21) **Application No :** AP/P/2021/013022

(22) **Filing Date :** 09.09.2019

(24) (45) **Date of Grant & Publication :** 29/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
FR	18 58090	10.09.2018

(84) **Designated States:** GH MZ NA TZ

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(74) **Representative**
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(51) **International Classification :** F16L 13/02 (2015.01)

(54) **Title**
METHOD FOR PRODUCING A STEEL UNDERWATER PIPE THAT IS ABLE TO CARRY A CORROSIVE FLUID

(57) **Abstract**

The invention relates to a method for producing a steel underwater pipe that is able to carry a corrosive fluid, wherein are produced successively: - the application of a layer (2) of corrosion-resistant steel alloy on a terminal part (10a1) of the internal wall (10a) of each pipe element (10, 10-1, 10- 2) from its end to be welded (10b); - the application of a said plastic coating (1), on the internal wall (10a) of each pipe element (10-1, 10-2); covering only a first part (2a) of said layer (2) of metal alloy, a terminal part (2b) of said layer (2) of metal ally on the side of the end (10b) to be welded of each pipe element not being covered by said plastic coating (1), - the coaxial insertion (XX') and the crimping of a compression ring (3) against the terminal part (1a) of said plastic coating (1), and preferably against a second part (2b) of said layer (2) of metallic alloy not covered by said plastic coating (1), and - the assembly by welding (11) directly together the ends (10b) of two pipe elements (10-1, 10-2) by a corrosion-resistant steel alloy weld.

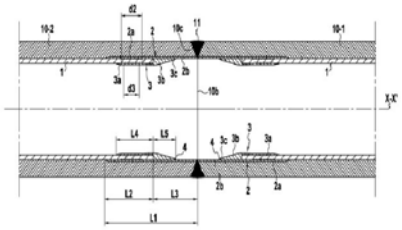

FIG.2

(56) **Documents Cited :**

FR 2564938 A
US 8714597 B2
WO 2008037907 A1
WO 2012017171 A1
WO 2004015321 A1
WO 2006042925 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 7934

(21) Application No : AP/P/2021/013581

(22) Filing Date : 15.04.2020

(24) Date of Grant & (45) Publication : 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
IN	201921015050	15.04.2019
IN	202021004422	31.01.2020

(84) Designated States:
BW KE NA TZ

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GANORKAR Kirti Wardhaman, India
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(51) International Classification : C07K 16/24 (2006.01) A61K 39/00 (2006.01) A61P 19/02 (2006.01)

(54) Title
METHODS FOR TREATMENT OF SUBJECTS WITH PSORIATIC ARTHRITIS

(57) Abstract

This disclosure relates to an anti-IL-23p19 antibody hum13B8-b or antigen binding fragment thereof and its use in the treatment of psoriatic arthritis.

(56) Documents Cited : WO 2008/103432 A1, US 2004/0209316 A1, US 9624295 B2, US 2011/0229490 A1, WO 2012/061448 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7935

(21) Application No : AP/P/2022/014099

(22) Filing Date : 16.07.2012

(24) Date of Grant & (45) Publication : 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/508,477	15.07.2011

(84) Designated States: KE SD

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GEORGE Valeri, Germany
SCHIERL Thomas, Germany
et al

(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : H04N 7/26 (2006.01) H03M 7/40 (2006.01)

(54) Title
SAMPLE ARRAY CODING FOR LOW-DELAY

(57) Abstract

The entropy coding of a current part of a predetermined entropy slice is based on, not only, the respective probability estimations of the predetermined entropy slice as adapted using the previously coded part of the predetermined entropy slice, but also probability estimations as used in the entropy coding of a spatially neighboring, in entropy slice order preceding entropy slice at a neighboring part thereof. Thereby, the probability estimations used in entropy coding are adapted to the actual symbol statistics more closely, thereby lowering the coding efficiency decrease normally caused by lower-delay concepts. Temporal interrelationships are exploited additionally or alternatively.

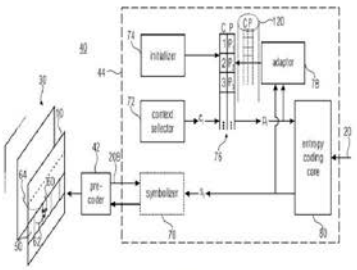

FIGURE 1

(56) Documents Cited : HENRY, F. et al. WO 2011/042645 A1 US 2008/0001796 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7936

(21) **Application No :** AP/P/2022/014259

(22) **Filing Date :** 06.02.2020

(24) (45) **Date of Grant & Publication :** 29/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date

(84) **Designated States:** KE

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KOSKINEN Jussi-Pekka, Finland
KOSKELA Timo, Finland
et al

(74) **Representative**
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(51) **International Classification :** H04W 52/02 (2009.01)

(54) **Title**
UPLINK INFORMATION BASED ON WAKE-UP SIGNAL

(57) **Abstract**

Embodiments of the present disclosure relate to uplink control information for uplink information based on wake-up signals. According to embodiments of the present disclosure, the terminal device determines based on transmission information at a first time point whether a predetermined number of the one or more occasions overlaps with active time of the terminal device. The terminal device determines the configuration for transmitting the uplink information based on the determination. In this way, ambiguity has been reduced and the flexibility of the network is improved.

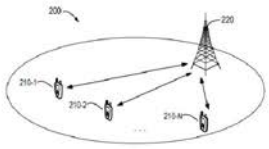

Fig. 2

(56) **Documents Cited :** QUALCOMM INCORPORATED: INTEL CORPORATION: "Consi

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 7937

(21) **Application No :** AP/P/2022/014328

(22) **Filing Date :** 04.06.2020

(24) (45) **Date of Grant & Publication :** 29/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) **Applicant(s)**
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(74) **Representative**
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(51) **International Classification :** A47K 1/02 (2006.01)

(54) **Title**
HAND-WASHING STATION

(57) **Abstract**

Hand-washing stations comprising a base portion and a nozzle portion are provided. The base portion may be configured to accept a fluid vessel such as an inverted water bottle such that water flows down from the vessel into the hand-washing station. The nozzle portion may be mounted to the base portion and positioned below the vessel such that the water flows into a cavity defined inside the nozzle portion. The nozzle portion may be pivotably mounted to the base portion such that it may be toggled between an on position and an off position relative to the base portion; in the on position, a nozzle opening in the nozzle portion may be below a water line of water filling the nozzle portion such that water flows out of the nozzle portion; in the off position, the nozzle opening may be raised above the water line.

FIG. 1A

(56) **Documents Cited :** WO 2014059473 A1 DE 813882 C US 380039 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7938

(21) Application No : AP/P/2023/014691

(22) Filing Date : 13.07.2021

(24) Date of Grant & (45) Publication : 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	63/052,695	16.07.2020

(84) Designated States: GH KE SD

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MOLINA Aldric, Switzerland

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : G07D 7/1205 (2016.01)

(54) Title
METHOD AND SYSTEM FOR DETECTING AND AUTHENTICATING A TAGGANT IN A MARKING VIA SURFACE-ENHANCED RAMAN SPECTROSCOPY

(57) Abstract

The invention relates to a method, and a corresponding system, capable to check whether genuine SERS or SERRS taggants having a unique characteristic surface enhancement scattering feature are present or not on a machine-readable marking applied on a value document by using a Raman spectrometer adapted to perform a Raman Spectroscopy analysis of the marking. The method according to the invention allows a reliable and fast detection of a presence of the SERS/SERRS taggants, and is particularly suitable for checking authenticity of value documents, e.g. such as banknotes, moving with respect to the Raman spectrometer with a given speed, and possibly with a high speed, or briefly exposed to the Raman spectrometer.

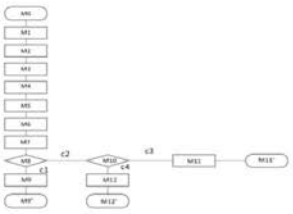

Fig. 4

(56) Documents Cited : US 2017/0358163 A1 US 2008/0189066 A1 ZHI-MIN ZHANG et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 7939

(21) Application No : AP/P/2022/014517

(22) Filing Date : 20.05.2021

(24) Date of Grant & (45) Publication : 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	20176894.2	27.05.2020

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL ST TZ
UG ZM ZW

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PAZUR Saskia, Germany
HORNUNG Florian, Germany
et al

(74) Representative
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) International Classification : C09K 3/22 (2006.01) C09D 5/00 (2006.01)

(54) Title
BIOCEMENTATION MIXTURE FOR DUST CONTROL AND RELATED APPLICATIONS

(57) Abstract

The present invention relates primarily to the use of a mixture for reducing dust formation and/or erosion. The invention relates additionally to a method for reducing dust formation and/or erosion and also to a mixture suitable for this purpose.

(56) Documents Cited : WO 2016145190 A1

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C07D 487/10 (2006.01) C07D 487/08 (2006.01) C07D 487/04 (2006.01) C07D 471/10 (2006.01) C07D 471/08 (2006.01) C07D 401/14 (2006.01) C07D 401/12 (2006.01) A61K 31/497 (2006.01) A61K 31/444 (2006.01) A61K 31/438 (2006.01) A61K 31/407 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01)	AP/P/2021/013693	AP 7925	PCT/EP2020/070547	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
E04B 2/74 (2006.01) E04B 2/78 (2006.01) E04B 2/82 (2006.01)	AP/P/2022/014067	AP 7877	PCT/EP2019/000338	KNAUF GIPS KG
G06F 17/10 (2006.01) G10L 19/02 (2013.01) G10L 19/22 (2013.01) G10L 19/24 (2013.01) G10L 19/26 (2013.01)	AP/P/2022/014205	AP 7880	PCT/US2018/023183	DOLBY INTERNATIONAL AB
G06Q 20/00 (2015.01)	AP/P/2020/012612	AP 7851		CHANNEL TECHNOLOGIES FZE
C07K 16/10 (2006.01) G01N 33/569 (2006.01) G01N 33/577 (2006.01) A61K 39/00 (2006.01)	AP/P/2022/014324	AP 7927	PCT/US2021/024215	VANDERBILT UNIVERSITY
B03D1/B03D1/(2015.01) B03B5/B03B7/(2015.01) B03D1/: (2015.01)	AP/P/2021/013243	AP 7857		FINEFLOT INC.
C22B 1/00 (2006.01) C22B 34/32 (2006.01) B03C 1/00 (2006.01) B03C 1/02 (2006.01) B03B 5/04 (2006.01) B03B 5/32 (2006.01) B03B 5/34 (2006.01) B03B 5/62 (2006.01) B03B 7/00 (2006.01) B03B 9/00 (2006.01) B03B 4/02 (2006.01)	AP/P/2021/013473	AP 7860	PCT/IB2020/051627	ARXO METALS (PTY) LTD.
E21B 33/122 (2006.01) E21B 23/06 (2006.01) E21B 34/10 (2006.01) E21B 49/00 (2006.01) E21B 43/12 (2006.01) E21B 47/14 (2006.01)	AP/P/2023/014924	AP 7909	PCT/US2021/061133	SCHLUMBERGER TECHNOLOGY B.V.
A61M 5/32 (2006.01) A61M 5/178 (2006.01)	AP/P/2024/015610	AP 7921	PCT/US2022/078553	RETRACTABLE TECHNOLOGIES, INC.
B01D 25/127 (2006.01) B01D 25/164 (2006.01) B01D 25/30 (2006.01) B32B 3/30 (2006.01) F16B 5/07 (2006.01)	AP/P/2023/014784	AP 7905	PCT/FI2020/050650	METSO FINLAND OY
B60R 3/02 (2006.01) E04F 11/06 (2006.01) E04F 11/18 (2006.01) E06C 5/04 (2006.01)	AP/P/2023/015101	AP 7910	PCT/AU2022/050028	BARJOH PTY LTD
H03H 7/38 (2006.01) H01F 19/04 (2006.01) H01P 3/08 (2006.01) H03F 1/56 (2006.01) H01F 19/06 (2006.01)	AP/P/2024/015714	AP 7915	PCT/IB2022/059424	SAT-COM (PTY) LTD
C04B 7/12 (2006.01)	AP/P/2022/014554	AP 7898	PCT/EP2021/000065	KHD HUMBOLDT WEDAG GMBH

Classification Index of Granted Patents (Contd.)

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
H04W 52/18 (2009.01)	AP/P/2022/013921	AP 7873	PCT/JP2019/039024	NTT DOCOMO, INC.
A23F 5/00 (2006.01) A23F 5/44 (2006.01) A23L 27/28 (2016.01) A23L 27/20 (2016.01) A23L 2/38 (2006.01)	AP/P/2021/013499	AP 7862	PCT/US2020/020537	VOYAGE FOODS, INC.
B22F 3/24 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01) E21B 10/00 (2006.01) B24B 31/03 (2006.01) C21D 1/06 (2006.01) C21D 9/22 (2006.01) C22C 29/06 (2006.01) B22F 5/00 (2006.01) B22F 3/16 (2006.01)	AP/P/2022/014479	AP 7891	PCT/EP2021/062685	SANDVIK MINING AND CONSTRUCTION TOOLS AB
C07C 273/04 (2006.01) B01J 3/00 (2006.01)	AP/P/2022/014541	AP 7896	PCT/NL2021/050395	STAMICARBON B.V.
A61B 6/00 (2006.01)	AP/P/2022/014574	AP 7900	PCT/IB2021/055812	PRISTEM SA
A01M 29/12 (2011.01) A01N 35/06 (2006.01) A01N 59/06 (2006.01) A01N 59/16 (2006.01)	AP/P/2021/013408	AP 7918	PCT/US2020/014593	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
G01S 17/46 (2006.01) G01S 19/42 (2010.01) G06T 7/70 (2017.01) F42D 3/04 (2006.01) E21C 41/00 (2006.01)	AP/P/2023/015217	AP 7911	PCT/AU2022/050355	ORICA INTERNATIONAL PTE LTD
F24S 23/70 (2018.01) F24S 25/63 (2018.01)	AP/P/2021/013247	AP 7858	PCT/AU2019/051321	VAST SOLAR PTY LTD
C09D 11/101 (2014.01) C09D 11/03 (2014.01) B41M 3/14 (2006.01)	AP/P/2022/013852	AP 7871	PCT/EP2020/070951	SICPA HOLDING SA
H04W 4/24 (2009.01) H04W 4/50 (2018.01) H04W 8/18 (2009.01) H04M 17/00 (2006.01) H04M 15/00 (2006.01)	AP/P/2022/014093	AP 7879	PCT/IB2021/057246	CHANNEL TECHNOLOGIES FZE
A61K 31/34 (2006.01) A61P 31/14 (2006.01)	AP/P/2022/014356	AP 7885	PCT/CN2021/077010	HENAN GENUINE BIOTECH CO., LTD.
B32B15/B32B15/(2015.01) B32B21/B32B27/(2015.01) B32B27/B32B27/(2015.01) B32B27/B32B3/(2015.01) B32B3/(B32B7/(2015.01)	AP/P/2020/012767	AP 7932		WACO AFRICA (PTY) LIMITED t/a FORMSCAFF
B30B 11/08 (2006.01) B30B 15/30 (2006.01) G01F 23/292 (2006.01)	AP/P/2021/013564	AP 7863	PCT/EP2020/061768	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
B22D 1/00 (2006.01)	AP/P/2022/013969	AP 7874	PCT/IB2020/058714	BURNSTAR TECHNOLOGIES (PTY) LTD
A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 9/16 (2006.01) A61K 47/14 (2017.01) A61K 9/107 (2006.01) A61K 47/24 (2006.01) A61K 47/36 (2006.01)	AP/P/2022/014085	AP 7923	PCT/IB2020/061521	ALESCO S.R.L.

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F25J 1/00 (2006.01) F25J 1/02 (2006.01) G05B 13/04 (2006.01) G05B 23/00 (2006.01) G05B 17/00 (2006.01)	AP/P/2022/014228	AP 7928	PCT/EP2021/054280	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
A61K 31/497 (2006.01) A61K 31/70 (2006.01) A61P 13/12 (2006.01)	AP/P/2022/014577	AP 7901	PCT/IB2021/056177	ASTRAZENECA AB
A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01H 6/14 (2018.01) C12N 15/05 (2006.01)	AP/P/2021/013572	AP 7864	PCT/JP2020/016927	SAKATA SEED CORPORATION
C07K 16/24 (2006.01) A61P 19/02 (2006.01) A61K 39/00 (2006.01)	AP/P/2021/013581	AP 7934	PCT/IB2020/053565	SUN PHARMACEUTICAL INDUSTRIES LIMITED
A61N 5/10 (2006.01) A61B 90/00 (2016.01) A61B 90/14 (2016.01) A61B 90/17 (2016.01) A61B 34/30 (2016.01)	AP/P/2023/014867	AP 7907	PCT/EP2021/082768	PELVIRAY IP LTD
H01M 12/06 (2006.01) H01M 4/86 (2006.01) H01M 4/90 (2006.01)	AP/P/2024/015613	AP 7842	PCT/JP2022/032841	CROSS TECHNOLOGY LABO CO.,LTD
A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)	AP/P/2019/011949	AP 7849	PCT/US2018/030420	MERCK SHARP & DOHME LLC
F16L 13/02 (2015.01)	AP/P/2021/013022	AP 7933	PCT/FR2019/052066	SAIPEM S.A.
A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)	AP/P/2022/013907	AP 7872	PCT/US2020/051579	NOVO NORDISK HEALTH CARE AG
A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 37/02 (2006.01)	AP/P/2022/014256	AP 7926	PCT/EP2021/054050	NOVAMONT S.P.A.
G07D 7/1205 (2016.01)	AP/P/2023/014691	AP 7938	PCT/EP2021/069522	SICPA HOLDING SA
B65D 75/32 (2006.01)	AP/P/2021/013401	AP 7859	PCT/EP2020/053624	IDEEWISS AG
B29B 17/02 (2006.01) B04C 5/04 (2006.01) B03B 9/06 (2006.01) B01F 35/71 (2022.01)	AP/P/2024/015608	AP 7912	PCT/DE2023/100102	GRANNEX GMBH & CO. KG
A23L 2/38 (2006.01) A23L 2/68 (2006.01) A23L 2/56 (2006.01)	AP/P/2022/013977	AP 7875	PCT/GB2020/052727	DIAGEO GREAT BRITAIN LIMITED
D01B 1/22 (2006.01) D01B 1/38 (2006.01) D01B 1/32 (2006.01) D01D 11/00 (2006.01) D01B 1/32 (2006.01) B09B 3/80 (2022.01)	AP/P/2023/015002	AP 7929	PCT/IB2021/061272	DEFUGO TECHNOLOGIES PTE LTD
E02F 9/26 (2006.01)	AP/P/2021/013729	AP 7868	PCT/US2020/035366	ESCO GROUP LLC
H04M 15/00 (2015.01) **H04W 4/00** (2015.01)	AP/P/2020/012613	AP 7852		CHANNEL TECHNOLOGIES FZE
C22B 3/10 (2006.01) C22B 5/10 (2006.01) C22B 34/22 (2006.01)	AP/P/2022/014556	AP 7899	PCT/IB2021/054414	ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD

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C10G 3/00 (2006.01) C10L 1/02 (2006.01)	AP/P/2022/014418	AP 7888	PCT/JP2021/012757	BIOFUEL TECHNOLOGY RESEARCH CO., LTD.
B65G 1/04 (2006.01)	AP/P/2016/009081	AP 7845	PCT/GB2014/052273	OCADO INNOVATION LIMITED
B65D 1/02 (2006.01) B65D 1/09 (2006.01) B65D 35/42 (2006.01) B65D 47/10 (2006.01) B65D 55/16 (2006.01) A61J 1/06 (2006.01)	AP/P/2022/014455	AP 7920	PCT/EP2021/063123	ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
A61K 45/06 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)	AP/P/2019/011343	AP 7848	PCT/US2017/046667	L.E.A.F. HOLDINGS GROUP LLC
F25D 3/02 (2006.01) B65D 81/38 (2006.01)	AP/P/2021/013180	AP 7922	PCT/EP2019/080148	B MEDICAL SYSTEMS S.À R.L.
H04W 8/22 (2009.01) H04W 16/32 (2009.01) H04W 72/04 (2009.01) H04W 76/34 (2018.01) H04W 28/20 (2009.01)	AP/P/2022/014284	AP 7883	PCT/JP2020/044670	NTT DOCOMO, INC.
H02J 3/28 (2006.01) F03D 7/04 (2006.01) H02J 3/00 (2006.01) F03D 9/00 (2016.01) H02J 3/38 (2006.01) F03D 9/25 (2016.01) H02J 15/00 (2006.01) F03D 9/20 (2016.01) C25B 1/04 (2021.01) H02S 10/20 (2014.01) H02J 1/00 (2016.01) F03D 9/19 (2016.01) H02S 10/12 (2014.01) F04B 17/02 (2006.01)	AP/P/2024/015753	AP 7843	PCT/IB2022/051953	INTERCONTINENTAL ENERGY HOLDINGS GROUP LIMITED
A41D 13/11 (2006.01) A62B 23/06 (2006.01) A62B 18/02 (2006.01)	AP/P/2023/014689	AP 7903	PCT/US2020/000037	RODAN ENTERPRISES, LLC
B24B 49/04 (2006.01) B24B 51/00 (2006.01) B25J 9/00 (2006.01)	AP/P/2022/014360	AP 7886	PCT/IL2021/050272	ZALIRIAN LTD.
A01N 59/16 (2006.01) A01N 25/04 (2006.01)	AP/P/2021/013506	AP 7916	PCT/IB2019/052734	CLEARLEAF INC.
H04N 19/70 (2014.01) H04N 19/82 (2014.01)	AP/P/2023/014915	AP 7908		FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
A61K 31/404 (2006.01) A61K 31/4045 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)	AP/P/2022/014033	AP 7917	PCT/EP2020/082102	JANSSEN PHARMACEUTICALS, INC.
A61K 39/12 (2006.01) A61P 31/14 (2006.01)	AP/P/2022/013984	AP 7876	PCT/EP2020/075541	KATHOLIEKE UNIVERSITEIT LEUVEN
A23L 29/30 (2016.01) C12C 12/00 (2006.01) C12C 12/02 (2006.01) C12P 7/06 (2006.01) C12C 12/04 (2006.01)	AP/P/2021/013175	AP 7856	PCT/US2019/057150	INTERNATIONAL N&H DENMARK APS
E02F 9/28 (2006.01)	AP/P/2018/011164	AP 7847	PCT/US2017/032242	HENSLEY INDUSTRIES, INC.

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H04N 7/26 (2006.01) H03M 7/40 (2006.01)	AP/P/2022/014099	AP 7935	PCT/EP2012/063929	GE VIDEO COMPRESSION, LLC
G01N 21/87 (2006.01)	AP/P/2022/014241	AP 7881	PCT/EP2021/050140	DE BEERS UK LTD
A61K 39/015 (2006.01)	AP/P/2021/013615	AP 7866	PCT/GB2020/051146	FUNDAÇÃO OSWALDO CRUZ – FIOCRUZ
A62C 35/62 (2006.01) A62C 37/50 (2006.01)	AP/P/2022/014611	AP 7902	PCT/GB2021/051413	PARADIGM FLOW SERVICES LIMITED
G05D 16/10 (2006.01)	AP/P/2023/015307	AP 7841	PCT/FI2022/050203	SOLAR WATER SOLUTIONS OY
B63B 27/34 (2006.01)	AP/P/2024/015700	AP 7914	PCT/EP2022/078683	ECONNECT ENERGY AS
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C10L 5/40 (2006.01) B09B 3/00 (2006.01) C10L 5/42 (2006.01) C10L 5/44 (2006.01)	AP/P/2022/014492	AP 7892	PCT/US2021/034519	TAKACHAR LIMITED
F24S 23/77 (2018.01)	AP/P/2023/014817	AP 7906	PCT/IB2021/059037	STELLENBOSCH UNIVERSITY
A61K 39/395 (2006.01) A61P 27/02 (2006.01) A61P 7/00 (2006.01) C07K 16/40 (2006.01)	AP/P/2018/011018	AP 7846	PCT/US2017/025411	OMEROS CORPORATION
A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)	AP/P/2022/013908	AP 7931	PCT/US2020/051645	NOVO NORDISK HEALTH CARE AG
H01M 4/04 (2006.01) H01M 4/14 (2006.01) H01M 4/20 (2006.01) H01M 4/02 (2006.01)	AP/P/2022/014462	AP 7890	PCT/IB2021/052809	LUKATIT INVESTMENTS 12 (PTY) LTD
A47K 1/02 (2006.01)	AP/P/2022/014328	AP 7937	PCT/JP2020/022050	LIXIL CORPORATION
A01N 51/00 (2006.01) A01N 25/06 (2006.01) A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01P 7/04 (2006.01)	AP/P/2022/014511	AP 7893	PCT/JP2021/021595	SUMITOMO CHEMICAL COMPANY, LIMITED
H04W 52/02 (2009.01)	AP/P/2022/014259	AP 7936	PCT/CN2020/074452	NOKIA TECHNOLOGIES OY
A01G 9/02 (2018.01) A01G 31/06 (2006.01)	AP/P/2022/013782	AP 7870	PCT/SE2020/050703	GROW PIPES AB
C08J 3/16 (2006.01) B01D 53/10 (2006.01) C08J 3/02 (2006.01) C08J 3/05 (2006.01) C08J 3/07 (2006.01) C08F 2/08 (2006.01) G02F 1/334 (2006.01) C08J 11/04 (2006.01)	AP/P/2022/014520	AP 7894		SPCM SA
A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 25/02 (2006.01) A01N 37/02 (2006.01)	AP/P/2022/014341	AP 7884	PCT/EP2021/055381	BAYER CROPSCIENCE SCHWEIZ AG

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IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
H044W 12/04 (2009.01)	AP/P/2020/012765	AP 7854	PCT/IB2019/053144	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
A61K 38/00 (2006.01) A61K 38/48 (2006.01) A61K 39/395 (2006.01) C07K 16/40 (2006.01) C12N 9/50 (2006.01)	AP/P/2020/012289	AP 7850	PCT/US2018/046690	OMEROS CORPORATION
C22B 3/02 (2006.01) C22B 26/12 (2006.01) C01D 15/02 (2006.01) C22B 3/12 (2006.01) C22B 3/14 (2006.01)	AP/P/2022/014073	AP 7878	PCT/FI2019/050821	METSO FINLAND OY
C09K 3/22 (2006.01) C09D 5/00 (2006.01)	AP/P/2022/014517	AP 7939	PCT/EP2021/063459	BIND-X GMBH
E02B 3/00 (2006.01)	AP/P/2021/012947	AP 7855	PCT/JP2018/031974	JGC CORPORATION
A61N 5/10 (2006.01) A61L 27/40 (2006.01) A61L 27/42 (2006.01) G21G 4/08 (2006.01) G21F 5/02 (2006.01) A61M 31/00 (2006.01)	AP/P/2020/012637	AP 7853	PCT/IB2019/051834	ALPHA TAU MEDICAL LTD.
C02F 1/32 (2006.01) A61L 2/10 (2006.01) C02F 1/00 (2006.01)	AP/P/2022/014273	AP 7882	PCT/EP2021/051348	4LIFE SOLUTIONS APS
C08G 65/26 (2006.01) C22B 3/04 (2006.01) C08L 71/02 (2006.01) C02F 1/54 (2006.01) C22B 3/20 (2006.01) C22B 3/08 (2006.01) C07C 67/00 (2006.01) C02F 1/20 (2006.01)	AP/P/2021/013723	AP 7867	PCT/AU2020/000092	INDORAMA VENTURES OXIDES AUSTRALIA PTY LIMITED
A61K 39/09 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01) A61K 39/00 (2006.01)	AP/P/2022/014544	AP 7897	PCT/US2017/054237	BIOLOGICAL E LIMITED
B65F 1/14 (2006.01) B30B 1/00 (2006.01) B30B 9/30 (2006.01)	AP/P/2024/015699	AP 7913	PCT/EP2022/078628	DLR GBR
B09B 3/00 (2006.01) C01G 11/00 (2006.01) C01G 13/00 (2006.01) C01G 21/00 (2006.01) C22B 3/16 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C01B 25/234 (2006.01) C01B 25/238 (2006.01)	AP/P/2022/014413	AP 7887	PCT/EP2021/066179	YARA INTERNATIONAL ASA
C10G 9/36 (2006.01) C10G 9/42 (2006.01) C10G 31/06 (2006.01)	AP/P/2020/012567	AP 7930	PCT/US2018/067062	NEXCRUDE TECHNOLOGIES, INC.
C07C 69/736 (2006.01) C07C 251/44 (2006.01) C07C 255/46 (2006.01) A01N 37/36 (2006.01) A01N 37/50 (2006.01)	AP/P/2021/013488	AP 7924	PCT/EP2020/057725	SYNGENTA CROP PROTECTION AG
A61B 42/50 (2016.01) A61B 42/00 (2016.01) A61B 42/40 (2016.01) A61B 42/10 (2016.01) B65G 47/90 (2006.01) B65G 47/00 (2006.01)	AP/P/2021/013482	AP 7861	PCT/IL2020/051334	IGIN SMART HYGIENE LTD

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C07D 471/20 (2006.01) C07D 519/00 (2006.01) A61K 31/438 (2006.01) A61P 1/08 (2006.01) A61P 3/04 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) A61P 29/00 (2006.01)	AP/P/2022/014527	AP 7895	PCT/IB2021/054970	PFIZER INC.
A61K 35/66 (2015.01) A61K 36/185 (2006.01) A61K 45/06 (2006.01)	AP/P/2021/013730	AP 7869	PCT/US2020/036356	MARS, INCORPORATED
B42D 25/324 (2014.01) B42D 25/445 (2014.01)	AP/P/2022/014461	AP 7889	PCT/EP2021/059011	SICPA HOLDING SA
E02F 9/28 (2006.01)	AP/P/2022/014281	AP 7919	PCT/EP2020/055133	SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION SUPPLY) PTY LTD
B62D 12/00 (2006.01) B62D 53/02 (2006.01)	AP/P/2023/014712	AP 7904	PCT/EP2020/073895	SANDVIK MINING AND CONSTRUCTION OY
A61F 13/20 (2006.01)	AP/P/2021/013606	AP 7865	PCT/SE2020/050491	HOGNE AB

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NOKIA TECHNOLOGIES OY	AP/P/2022/014259	AP 7936	PCT/CN2020/074452	H04W 52/02 (2009.01)
SUMITOMO CHEMICAL COMPANY, LIMITED	AP/P/2022/014511	AP 7893	PCT/JP2021/021595	A01N 51/00 (2006.01) A01N 25/06 (2006.01) A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01P 7/04 (2006.01)
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	AP/P/2021/013693	AP 7925	PCT/EP2020/070547	C07D 487/10 (2006.01) C07D 487/08 (2006.01) C07D 487/04 (2006.01) C07D 471/10 (2006.01) C07D 471/08 (2006.01) C07D 401/14 (2006.01) C07D 401/12 (2006.01) A61K 31/497 (2006.01) A61K 31/444 (2006.01) A61K 31/438 (2006.01) A61K 31/407 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01)
DOLBY INTERNATIONAL AB	AP/P/2022/014205	AP 7880	PCT/US2018/023183	G06F 17/10 (2006.01) G10L 19/02 (2013.01) G10L 19/22 (2013.01) G10L 19/24 (2013.01) G10L 19/26 (2013.01)
KNAUF GIPS KG	AP/P/2022/014067	AP 7877	PCT/EP2019/000338	E04B 2/74 (2006.01) E04B 2/78 (2006.01) E04B 2/82 (2006.01)
CHANNEL TECHNOLOGIES FZE	AP/P/2020/012612	AP 7851		**G06Q 20/00** (2015.01)
FINEFLOT INC.	AP/P/2021/013243	AP 7857		B03D1/B03D1/(2015.01) B03B5/B03B7/(2015.01) B03D1/: (2015.01)
VANDERBILT UNIVERSITY	AP/P/2022/014324	AP 7927	PCT/US2021/024215	C07K 16/10 (2006.01) G01N 33/569 (2006.01) G01N 33/577 (2006.01) A61K 39/00 (2006.01)
VAST SOLAR PTY LTD	AP/P/2021/013247	AP 7858	PCT/AU2019/051321	F24S 23/70 (2018.01) F24S 25/63 (2018.01)
ORICA INTERNATIONAL PTE LTD	AP/P/2023/015217	AP 7911	PCT/AU2022/050355	G01S 17/46 (2006.01) G01S 19/42 (2010.01) G06T 7/70 (2017.01) F42D 3/04 (2006.01) E21C 41/00 (2006.01)
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE	AP/P/2021/013408	AP 7918	PCT/US2020/014593	A01M 29/12 (2011.01) A01N 35/06 (2006.01) A01N 59/06 (2006.01) A01N 59/16 (2006.01)
VOYAGE FOODS, INC.	AP/P/2021/013499	AP 7862	PCT/US2020/020537	A23F 5/00 (2006.01) A23F 5/44 (2006.01) A23L 27/28 (2016.01) A23L 27/20 (2016.01) A23L 2/38 (2006.01)
NTT DOCOMO, INC.	AP/P/2022/013921	AP 7873	PCT/JP2019/039024	H04W 52/18 (2009.01)
STAMICARBON B.V.	AP/P/2022/014541	AP 7896	PCT/NL2021/050395	C07C 273/04 (2006.01) B01J 3/00 (2006.01)
PRISTEM SA	AP/P/2022/014574	AP 7900	PCT/IB2021/055812	A61B 6/00 (2006.01)

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Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
SANDVIK MINING AND CONSTRUCTION TOOLS AB	AP/P/2022/014479	AP 7891	PCT/EP2021/062685	B22F 3/24 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01) E21B 10/00 (2006.01) B24B 31/03 (2006.01) C21D 1/06 (2006.01) C21D 9/22 (2006.01) C22C 29/06 (2006.01) B22F 5/00 (2006.01) B22F 3/16 (2006.01)
SICPA HOLDING SA	AP/P/2022/013852	AP 7871	PCT/EP2020/070951	C09D 11/101 (2014.01) C09D 11/03 (2014.01) B41M 3/14 (2006.01)
CHANNEL TECHNOLOGIES FZE	AP/P/2022/014093	AP 7879	PCT/IB2021/057246	H04W 4/24 (2009.01) H04W 4/50 (2018.01) H04W 8/18 (2009.01) H04M 17/00 (2006.01) H04M 15/00 (2006.01)
HENAN GENUINE BIOTECH CO., LTD.	AP/P/2022/014356	AP 7885	PCT/CN2021/077010	A61K 31/34 (2006.01) A61P 31/14 (2006.01)
WACO AFRICA (PTY) LIMITED t/a FORMSCAFF	AP/P/2020/012767	AP 7932		B32B15/B32B15/(2015.01) B32B21/B32B27/(2015.01) B32B27/B32B27/(2015.01) B32B27/B32B3/7(2015.01) B32B3/(B32B7/(2015.01)
DEFUGO TECHNOLOGIES PTE LTD	AP/P/2023/015002	AP 7929	PCT/IB2021/061272	D01B 1/22 (2006.01) D01B 1/38 (2006.01) D01B 1/32 (2006.01) D01D 11/00 (2006.01) D01B 1/32 (2006.01) B09B 3/80 (2022.01)
ESCO GROUP LLC	AP/P/2021/013729	AP 7868	PCT/US2020/035366	E02F 9/26 (2006.01)
ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD	AP/P/2022/014556	AP 7899	PCT/IB2021/054414	C22B 3/10 (2006.01) C22B 5/10 (2006.01) C22B 34/22 (2006.01)
BIOFUEL TECHNOLOGY RESEARCH CO., LTD.	AP/P/2022/014418	AP 7888	PCT/JP2021/012757	C10G 3/00 (2006.01) C10L 1/02 (2006.01)
CHANNEL TECHNOLOGIES FZE	AP/P/2020/012613	AP 7852		**H04M 15/00** (2015.01) **H04W 4/00** (2015.01)
OCADO INNOVATION LIMITED	AP/P/2016/009081	AP 7845	PCT/GB2014/052273	B65G 1/04 (2006.01)
SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	AP/P/2021/013564	AP 7863	PCT/EP2020/061768	B30B 11/08 (2006.01) B30B 15/30 (2006.01) G01F 23/292 (2006.01)
BURNSTAR TECHNOLOGIES (PTY) LTD	AP/P/2022/013969	AP 7874	PCT/IB2020/058714	B22D 1/00 (2006.01)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	AP/P/2022/014228	AP 7928	PCT/EP2021/054280	F25J 1/00 (2006.01) F25J 1/02 (2006.01) G05B 13/04 (2006.01) G05B 23/00 (2006.01) G05B 17/00 (2006.01)
ALESCO S.R.L.	AP/P/2022/014085	AP 7923	PCT/IB2020/061521	A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 9/16 (2006.01) A61K 47/14 (2017.01) A61K 9/107 (2006.01) A61K 47/24 (2006.01) A61K 47/36 (2006.01)

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ASTRAZENECA AB	AP/P/2022/014577	AP 7901	PCT/IB2021/056177	A61K 31/497 (2006.01) A61K 31/70 (2006.01) A61P 13/12 (2006.01)
SAKATA SEED CORPORATION	AP/P/2021/013572	AP 7864	PCT/JP2020/016927	A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01H 6/14 (2018.01) C12N 15/05 (2006.01)
SAIPEM S.A.	AP/P/2021/013022	AP 7933	PCT/FR2019/052066	F16L 13/02 (2015.01)
NOVO NORDISK HEALTH CARE AG	AP/P/2022/013907	AP 7872	PCT/US2020/051579	A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)
SICPA HOLDING SA	AP/P/2023/014691	AP 7938	PCT/EP2021/069522	G07D 7/1205 (2016.01)
NOVAMONT S.P.A.	AP/P/2022/014256	AP 7926	PCT/EP2021/054050	A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 37/02 (2006.01)
IDEEWISS AG	AP/P/2021/013401	AP 7859	PCT/EP2020/053624	B65D 75/32 (2006.01)
CROSS TECHNOLOGY LABO CO.,LTD	AP/P/2024/015613	AP 7842	PCT/JP2022/032841	H01M 12/06 (2006.01) H01M 4/86 (2006.01) H01M 4/90 (2006.01)
PELVIRAY IP LTD	AP/P/2023/014867	AP 7907	PCT/EP2021/082768	A61N 5/10 (2006.01) A61B 90/00 (2016.01) A61B 90/14 (2016.01) A61B 90/17 (2016.01) A61B 34/30 (2016.01)
SUN PHARMACEUTICAL INDUSTRIES LIMITED	AP/P/2021/013581	AP 7934	PCT/IB2020/053565	C07K 16/24 (2006.01) A61P 19/02 (2006.01) A61K 39/00 (2006.01)
MERCK SHARP & DOHME LLC	AP/P/2019/011949	AP 7849	PCT/US2018/030420	A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)
ARXO METALS (PTY) LTD.	AP/P/2021/013473	AP 7860	PCT/IB2020/051627	C22B 1/00 (2006.01) C22B 34/32 (2006.01) B03C 1/00 (2006.01) B03C 1/02 (2006.01) B03B 5/04 (2006.01) B03B 5/32 (2006.01) B03B 5/34 (2006.01) B03B 5/62 (2006.01) B03B 7/00 (2006.01) B03B 9/00 (2006.01) B03B 4/02 (2006.01)
SCHLUMBERGER TECHNOLOGY B.V.	AP/P/2023/014924	AP 7909	PCT/US2021/061133	E21B 33/122 (2006.01) E21B 23/06 (2006.01) E21B 34/10 (2006.01) E21B 49/00 (2006.01) E21B 43/12 (2006.01) E21B 47/14 (2006.01)
RETRACTABLE TECHNOLOGIES, INC.	AP/P/2024/015610	AP 7921	PCT/US2022/078553	A61M 5/32 (2006.01) A61M 5/178 (2006.01)
METSO FINLAND OY	AP/P/2023/014784	AP 7905	PCT/FI2020/050650	B01D 25/127 (2006.01) B01D 25/164 (2006.01) B01D 25/30 (2006.01) B32B 3/30 (2006.01) F16B 5/07 (2006.01)
GRANNEX GMBH & CO. KG	AP/P/2024/015608	AP 7912	PCT/DE2023/100102	B29B 17/02 (2006.01) B04C 5/04 (2006.01) B03B 9/06 (2006.01) B01F 35/71 (2022.01)

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DIAGEO GREAT BRITAIN LIMITED	AP/P/2022/013977	AP 7875	PCT/GB2020/052727	A23L 2/38 (2006.01) A23L 2/68 (2006.01) A23L 2/56 (2006.01)
ALPLA WERKE ALWIN LEHNER GMBH & CO. KG	AP/P/2022/014455	AP 7920	PCT/EP2021/063123	B65D 1/02 (2006.01) B65D 1/09 (2006.01) B65D 35/42 (2006.01) B65D 47/10 (2006.01) B65D 55/16 (2006.01) A61J 1/06 (2006.01)
L.E.A.F. HOLDINGS GROUP LLC	AP/P/2019/011343	AP 7848	PCT/US2017/046667	A61K 45/06 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)
METSO FINLAND OY	AP/P/2022/014073	AP 7878	PCT/FI2019/050821	C22B 3/02 (2006.01) C22B 26/12 (2006.01) C01D 15/02 (2006.01) C22B 3/12 (2006.01) C22B 3/14 (2006.01)
GROW PIPES AB	AP/P/2022/013782	AP 7870	PCT/SE2020/050703	A01G 9/02 (2018.01) A01G 31/06 (2006.01)
SPCM SA	AP/P/2022/014520	AP 7894		C08J 3/16 (2006.01) B01D 53/10 (2006.01) C08J 3/02 (2006.01) C08J 3/05 (2006.01) C08J 3/07 (2006.01) C08F 2/08 (2006.01) G02F 1/334 (2006.01) C08J 11/04 (2006.01)
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	AP/P/2020/012765	AP 7854	PCT/IB2019/053144	H044W 12/04 (2009.01)
OMEROS CORPORATION	AP/P/2020/012289	AP 7850	PCT/US2018/046690	A61K 38/00 (2006.01) A61K 38/48 (2006.01) A61K 39/395 (2006.01) C07K 16/40 (2006.01) C12N 9/50 (2006.01)
BAYER CROPSCIENCE SCHWEIZ AG	AP/P/2022/014341	AP 7884	PCT/EP2021/055381	A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 25/02 (2006.01) A01N 37/02 (2006.01)
DE BEERS UK LTD	AP/P/2022/014241	AP 7881	PCT/EP2021/050140	G01N 21/87 (2006.01)
PARADIGM FLOW SERVICES LIMITED	AP/P/2022/014611	AP 7902	PCT/GB2021/051413	A62C 35/62 (2006.01) A62C 37/50 (2006.01)
GE VIDEO COMPRESSION, LLC	AP/P/2022/014099	AP 7935	PCT/EP2012/063929	H04N 7/26 (2006.01) H03M 7/40 (2006.01)
FUNDAÇÃO OSWALDO CRUZ – FIOCRUZ	AP/P/2021/013615	AP 7866	PCT/GB2020/051146	A61K 39/015 (2006.01)
SOLAR WATER SOLUTIONS OY	AP/P/2023/015307	AP 7841	PCT/FI2022/050203	G05D 16/10 (2006.01)
ECONNECT ENERGY AS	AP/P/2024/015700	AP 7914	PCT/EP2022/078683	B63B 27/34 (2006.01)
SIMBI ESG PTY LTD	AP/P/2024/015861	AP 7844	PCT/AU2022/051533	G06Q 10/30 (2023.01) G06Q 20/06 (2012.01) G06Q 20/22 (2012.01) G06Q 30/0208 (2023.01) H04L 9/00 (2022.01)
TAKACHAR LIMITED	AP/P/2022/014492	AP 7892	PCT/US2021/034519	C10L 5/40 (2006.01) B09B 3/00 (2006.01) C10L 5/42 (2006.01) C10L 5/44 (2006.01)

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INTERCONTINENTAL ENERGY HOLDINGS GROUP LIMITED	AP/P/2024/015753	AP 7843	PCT/IB2022/051953	H02J 3/28 (2006.01) F03D 7/04 (2006.01) H02J 3/00 (2006.01) F03D 9/00 (2016.01) H02J 3/38 (2006.01) F03D 9/25 (2016.01) H02J 15/00 (2006.01) F03D 9/20 (2016.01) C25B 1/04 (2021.01) H02S 10/20 (2014.01) H02J 1/00 (2016.01) F03D 9/19 (2016.01) H02S 10/12 (2014.01) F04B 17/02 (2006.01)
RODAN ENTERPRISES, LLC	AP/P/2023/014689	AP 7903	PCT/US2020/000037	A41D 13/11 (2006.01) A62B 23/06 (2006.01) A62B 18/02 (2006.01)
ZALIRIAN LTD.	AP/P/2022/014360	AP 7886	PCT/IL2021/050272	B24B 49/04 (2006.01) B24B 51/00 (2006.01) B25J 9/00 (2006.01)
CLEARLEAF INC.	AP/P/2021/013506	AP 7916	PCT/IB2019/052734	A01N 59/16 (2006.01) A01N 25/04 (2006.01)
IGIN SMART HYGIENE LTD	AP/P/2021/013482	AP 7861	PCT/IL2020/051334	A61B 42/50 (2016.01) A61B 42/00 (2016.01) A61B 42/40 (2016.01) A61B 42/10 (2016.01) B65G 47/90 (2006.01) B65G 47/00 (2006.01)
PFIZER INC.	AP/P/2022/014527	AP 7895	PCT/IB2021/054970	C07D 471/20 (2006.01) C07D 519/00 (2006.01) A61K 31/438 (2006.01) A61P 1/08 (2006.01) A61P 3/04 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) A61P 29/00 (2006.01)
SYNGENTA CROP PROTECTION AG	AP/P/2021/013488	AP 7924	PCT/EP2020/057725	C07C 69/736 (2006.01) C07C 251/44 (2006.01) C07C 255/46 (2006.01) A01N 37/36 (2006.01) A01N 37/50 (2006.01)
MARS, INCORPORATED	AP/P/2021/013730	AP 7869	PCT/US2020/036356	A61K 35/66 (2015.01) A61K 36/185 (2006.01) A61K 45/06 (2006.01)
SANDVIK MINING AND CONSTRUCTION OY	AP/P/2023/014712	AP 7904	PCT/EP2020/073895	B62D 12/00 (2006.01) B62D 53/02 (2006.01)
SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION SUPPLY) PTY LTD	AP/P/2022/014281	AP 7919	PCT/EP2020/055133	E02F 9/28 (2006.01)
SICPA HOLDING SA	AP/P/2022/014461	AP 7889	PCT/EP2021/059011	B42D 25/324 (2014.01) B42D 25/445 (2014.01)
HOGNE AB	AP/P/2021/013606	AP 7865	PCT/SE2020/050491	A61F 13/20 (2006.01)
FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	AP/P/2023/014915	AP 7908		H04N 19/70 (2014.01) H04N 19/82 (2014.01)
JANSSEN PHARMACEUTICALS, INC.	AP/P/2022/014033	AP 7917	PCT/EP2020/082102	A61K 31/404 (2006.01) A61K 31/4045 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)

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Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
KATHOLIEKE UNIVERSITEIT LEUVEN	AP/P/2022/013984	AP 7876	PCT/EP2020/075541	A61K 39/12 (2006.01) A61P 31/14 (2006.01)
INTERNATIONAL N&H DENMARK APS	AP/P/2021/013175	AP 7856	PCT/US2019/057150	A23L 29/30 (2016.01) C12C 12/00 (2006.01) C12C 12/02 (2006.01) C12P 7/06 (2006.01) C12C 12/04 (2006.01)
HENSLEY INDUSTRIES, INC.	AP/P/2018/011164	AP 7847	PCT/US2017/032242	E02F 9/28 (2006.01)
BIND-X GMBH	AP/P/2022/014517	AP 7939	PCT/EP2021/063459	C09K 3/22 (2006.01) C09D 5/00 (2006.01)
JGC CORPORATION	AP/P/2021/012947	AP 7855	PCT/JP2018/031974	E02B 3/00 (2006.01)
ALPHA TAU MEDICAL LTD.	AP/P/2020/012637	AP 7853	PCT/IB2019/051834	A61N 5/10 (2006.01) A61L 27/40 (2006.01) A61L 27/42 (2006.01) G21G 4/08 (2006.01) G21F 5/02 (2006.01) A61M 31/00 (2006.01)
B MEDICAL SYSTEMS S.À R.L.	AP/P/2021/013180	AP 7922	PCT/EP2019/080148	F25D 3/02 (2006.01) B65D 81/38 (2006.01)
NTT DOCOMO, INC.	AP/P/2022/014284	AP 7883	PCT/JP2020/044670	H04W 8/22 (2009.01) H04W 16/32 (2009.01) H04W 72/04 (2009.01) H04W 76/34 (2018.01) H04W 28/20 (2009.01)
4LIFE SOLUTIONS APS	AP/P/2022/014273	AP 7882	PCT/EP2021/051348	C02F 1/32 (2006.01) A61L 2/10 (2006.01) C02F 1/00 (2006.01)
BIOLOGICAL E LIMITED	AP/P/2022/014544	AP 7897	PCT/US2017/054237	A61K 39/09 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01) A61K 39/00 (2006.01)
INDORAMA VENTURES OXIDES AUSTRALIA PTY LIMITED	AP/P/2021/013723	AP 7867	PCT/AU2020/000092	C08G 65/26 (2006.01) C22B 3/04 (2006.01) C08L 71/02 (2006.01) C02F 1/54 (2006.01) C22B 3/20 (2006.01) C22B 3/08 (2006.01) C07C 67/00 (2006.01) C02F 1/20 (2006.01)
DLR GBR	AP/P/2024/015699	AP 7913	PCT/EP2022/078628	B65F 1/14 (2006.01) B30B 1/00 (2006.01) B30B 9/30 (2006.01)
NEXCRUDE TECHNOLOGIES, INC.	AP/P/2020/012567	AP 7930	PCT/US2018/067062	C10G 9/36 (2006.01) C10G 9/42 (2006.01) C10G 31/06 (2006.01)
YARA INTERNATIONAL ASA	AP/P/2022/014413	AP 7887	PCT/EP2021/066179	B09B 3/00 (2006.01) C01G 11/00 (2006.01) C01G 13/00 (2006.01) C01G 21/00 (2006.01) C22B 3/16 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C01B 25/234 (2006.01) C01B 25/238 (2006.01)
NOVO NORDISK HEALTH CARE AG	AP/P/2022/013908	AP 7931	PCT/US2020/051645	A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)
LIXIL CORPORATION	AP/P/2022/014328	AP 7937	PCT/JP2020/022050	A47K 1/02 (2006.01)

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LUKATIT INVESTMENTS 12 (PTY) LTD	AP/P/2022/014462	AP 7890	PCT/IB2021/052809	H01M 4/04 (2006.01) H01M 4/14 (2006.01) H01M 4/20 (2006.01) H01M 4/02 (2006.01)
OMEROS CORPORATION	AP/P/2018/011018	AP 7846	PCT/US2017/025411	A61K 39/395 (2006.01) A61P 27/02 (2006.01) A61P 7/00 (2006.01) C07K 16/40 (2006.01)
STELLENBOSCH UNIVERSITY	AP/P/2023/014817	AP 7906	PCT/IB2021/059037	F24S 23/77 (2018.01)
KHD HUMBOLDT WEDAG GMBH	AP/P/2022/014554	AP 7898	PCT/EP2021/000065	C04B 7/12 (2006.01)
BARJOH PTY LTD	AP/P/2023/015101	AP 7910	PCT/AU2022/050028	B60R 3/02 (2006.01) E04F 11/06 (2006.01) E04F 11/18 (2006.01) E06C 5/04 (2006.01)
SAT-COM (PTY) LTD	AP/P/2024/015714	AP 7915	PCT/IB2022/059424	H03H 7/38 (2006.01) H01F 19/04 (2006.01) H01P 3/08 (2006.01) H03F 1/56 (2006.01) H01F 19/06 (2006.01)

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AP/P/2022/014259	AP 7936	PCT/CN2020/074452	NOKIA TECHNOLOGIES OY	H04W 52/02 (2009.01)
AP/P/2022/014511	AP 7893	PCT/JP2021/021595	SUMITOMO CHEMICAL COMPANY, LIMITED	A01N 51/00 (2006.01) A01N 25/06 (2006.01) A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01P 7/04 (2006.01)
AP/P/2023/015101	AP 7910	PCT/AU2022/050028	BARJOH PTY LTD	B60R 3/02 (2006.01) E04F 11/06 (2006.01) E04F 11/18 (2006.01) E06C 5/04 (2006.01)
AP/P/2024/015714	AP 7915	PCT/IB2022/059424	SAT-COM (PTY) LTD	H03H 7/38 (2006.01) H01F 19/04 (2006.01) H01P 3/08 (2006.01) H03F 1/56 (2006.01) H01F 19/06 (2006.01)
AP/P/2022/014554	AP 7898	PCT/EP2021/000065	KHD HUMBOLDT WEDAG GMBH	C04B 7/12 (2006.01)
AP/P/2022/013921	AP 7873	PCT/JP2019/039024	NTT DOCOMO, INC.	H04W 52/18 (2009.01)
AP/P/2021/013499	AP 7862	PCT/US2020/020537	VOYAGE FOODS, INC.	A23F 5/00 (2006.01) A23F 5/44 (2006.01) A23L 27/28 (2016.01) A23L 27/20 (2016.01) A23L 2/38 (2006.01)
AP/P/2022/014541	AP 7896	PCT/NL2021/050395	STAMICARBON B.V.	C07C 273/04 (2006.01) B01J 3/00 (2006.01)
AP/P/2022/014574	AP 7900	PCT/IB2021/055812	PRISTEM SA	A61B 6/00 (2006.01)
AP/P/2022/014479	AP 7891	PCT/EP2021/062685	SANDVIK MINING AND CONSTRUCTION TOOLS AB	B22F 3/24 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01) E21B 10/00 (2006.01) B24B 31/03 (2006.01) C21D 1/06 (2006.01) C21D 9/22 (2006.01) C22C 29/06 (2006.01) B22F 5/00 (2006.01) B22F 3/16 (2006.01)
AP/P/2021/013247	AP 7858	PCT/AU2019/051321	VAST SOLAR PTY LTD	F24S 23/70 (2018.01) F24S 25/63 (2018.01)
AP/P/2021/013408	AP 7918	PCT/US2020/014593	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE	A01M 29/12 (2011.01) A01N 35/06 (2006.01) A01N 59/06 (2006.01) A01N 59/16 (2006.01)
AP/P/2023/015217	AP 7911	PCT/AU2022/050355	ORICA INTERNATIONAL PTE LTD	G01S 17/46 (2006.01) G01S 19/42 (2010.01) G06T 7/70 (2017.01) F42D 3/04 (2006.01) E21C 41/00 (2006.01)
AP/P/2022/013852	AP 7871	PCT/EP2020/070951	SICPA HOLDING SA	C09D 11/101 (2014.01) C09D 11/03 (2014.01) B41M 3/14 (2006.01)
AP/P/2022/014093	AP 7879	PCT/IB2021/057246	CHANNEL TECHNOLOGIES FZE	H04W 4/24 (2009.01) H04W 4/50 (2018.01) H04W 8/18 (2009.01) H04M 17/00 (2006.01) H04M 15/00 (2006.01)
AP/P/2022/014356	AP 7885	PCT/CN2021/077010	HENAN GENUINE BIOTECH CO., LTD.	A61K 31/34 (2006.01) A61P 31/14 (2006.01)

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AP/P/2020/012767	AP 7932		WACO AFRICA (PTY) LIMITED t/a FORMSCAFF	B32B15/[2006.01] B32B15/[2015.01] B32B21/[2006.01] B32B27/[2015.01] B32B27/[2006.01] B32B27/[2015.01] B32B27/[2006.01] B32B3/[2015.01] B32B3/[2006.01] B32B7/[2015.01]
AP/P/2023/014924	AP 7909	PCT/US2021/061133	SCHLUMBERGER TECHNOLOGY B.V.	E21B 33/122 (2006.01) E21B 23/06 (2006.01) E21B 34/10 (2006.01) E21B 49/00 (2006.01) E21B 43/12 (2006.01) E21B 47/14 (2006.01)
AP/P/2021/013473	AP 7860	PCT/IB2020/051627	ARXO METALS (PTY) LTD.	C22B 1/00 (2006.01) C22B 34/32 (2006.01) B03C 1/00 (2006.01) B03C 1/02 (2006.01) B03B 5/04 (2006.01) B03B 5/32 (2006.01) B03B 5/34 (2006.01) B03B 5/62 (2006.01) B03B 7/00 (2006.01) B03B 9/00 (2006.01) B03B 4/02 (2006.01)
AP/P/2024/015610	AP 7921	PCT/US2022/078553	RETRACTABLE TECHNOLOGIES, INC.	A61M 5/32 (2006.01) A61M 5/178 (2006.01)
AP/P/2023/014784	AP 7905	PCT/FI2020/050650	METSO FINLAND OY	B01D 25/127 (2006.01) B01D 25/164 (2006.01) B01D 25/30 (2006.01) B32B 3/30 (2006.01) F16B 5/07 (2006.01)
AP/P/2022/013977	AP 7875	PCT/GB2020/052727	DIAGEO GREAT BRITAIN LIMITED	A23L 2/38 (2006.01) A23L 2/68 (2006.01) A23L 2/56 (2006.01)
AP/P/2024/015608	AP 7912	PCT/DE2023/100102	GRANNEX GMBH & CO. KG	B29B 17/02 (2006.01) B04C 5/04 (2006.01) B03B 9/06 (2006.01) B01F 35/71 (2022.01)
AP/P/2021/013581	AP 7934	PCT/IB2020/053565	SUN PHARMACEUTICAL INDUSTRIES LIMITED	C07K 16/24 (2006.01) A61P 19/02 (2006.01) A61K 39/00 (2006.01)
AP/P/2023/014867	AP 7907	PCT/EP2021/082768	PELVIRAY IP LTD	A61N 5/10 (2006.01) A61B 90/00 (2016.01) A61B 90/14 (2016.01) A61B 90/17 (2016.01) A61B 34/30 (2016.01)
AP/P/2024/015613	AP 7842	PCT/JP2022/032841	CROSS TECHNOLOGY LABO CO.,LTD	H01M 12/06 (2006.01) H01M 4/86 (2006.01) H01M 4/90 (2006.01)
AP/P/2019/011949	AP 7849	PCT/US2018/030420	MERCK SHARP & DOHME LLC	A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)
AP/P/2023/015002	AP 7929	PCT/IB2021/061272	DEFUGO TECHNOLOGIES PTE LTD	D01B 1/22 (2006.01) D01B 1/38 (2006.01) D01B 1/32 (2006.01) D01D 11/00 (2006.01) D01B 1/32 (2006.01) B09B 3/80 (2022.01)
AP/P/2021/013729	AP 7868	PCT/US2020/035366	ESCO GROUP LLC	E02F 9/26 (2006.01)
AP/P/2022/014418	AP 7888	PCT/JP2021/012757	BIOFUEL TECHNOLOGY RESEARCH CO., LTD.	C10G 3/00 (2006.01) C10L 1/02 (2006.01)
AP/P/2022/014556	AP 7899	PCT/IB2021/054414	ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD	C22B 3/10 (2006.01) C22B 5/10 (2006.01) C22B 34/22 (2006.01)

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AP/P/2016/009081	AP 7845	PCT/GB2014/052273	OCADO INNOVATION LIMITED	B65G 1/04 (2006.01)
AP/P/2020/012613	AP 7852		CHANNEL TECHNOLOGIES FZE	**H04M 15/00** (2015.01) **H04W 4/00** (2015.01)
AP/P/2023/014691	AP 7938	PCT/EP2021/069522	SICPA HOLDING SA	G07D 7/1205 (2016.01)
AP/P/2021/013022	AP 7933	PCT/FR2019/052066	SAIPEM S.A.	F16L 13/02 (2015.01)
AP/P/2022/013907	AP 7872	PCT/US2020/051579	NOVO NORDISK HEALTH CARE AG	A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)
AP/P/2022/014256	AP 7926	PCT/EP2021/054050	NOVAMONT S.P.A.	A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 37/02 (2006.01)
AP/P/2021/013401	AP 7859	PCT/EP2020/053624	IDEEWISS AG	B65D 75/32 (2006.01)
AP/P/2022/014455	AP 7920	PCT/EP2021/063123	ALPLA WERKE ALWIN LEHNER GMBH & CO. KG	B65D 1/02 (2006.01) B65D 1/09 (2006.01) B65D 35/42 (2006.01) B65D 47/10 (2006.01) B65D 55/16 (2006.01) A61J 1/06 (2006.01)
AP/P/2019/011343	AP 7848	PCT/US2017/046667	L.E.A.F. HOLDINGS GROUP LLC	A61K 45/06 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)
AP/P/2023/014915	AP 7908		FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	H04N 19/70 (2014.01) H04N 19/82 (2014.01)
AP/P/2022/013984	AP 7876	PCT/EP2020/075541	KATHOLIEKE UNIVERSITEIT LEUVEN	A61K 39/12 (2006.01) A61P 31/14 (2006.01)
AP/P/2022/014033	AP 7917	PCT/EP2020/082102	JANSSEN PHARMACEUTICALS, INC.	A61K 31/404 (2006.01) A61K 31/4045 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)
AP/P/2021/013175	AP 7856	PCT/US2019/057150	INTERNATIONAL N&H DENMARK APS	A23L 29/30 (2016.01) C12C 12/00 (2006.01) C12C 12/02 (2006.01) C12P 7/06 (2006.01) C12C 12/04 (2006.01)
AP/P/2018/011164	AP 7847	PCT/US2017/032242	HENSLEY INDUSTRIES, INC.	E02F 9/28 (2006.01)
AP/P/2021/013564	AP 7863	PCT/EP2020/061768	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	B30B 11/08 (2006.01) B30B 15/30 (2006.01) G01F 23/292 (2006.01)
AP/P/2022/013969	AP 7874	PCT/IB2020/058714	BURNSTAR TECHNOLOGIES (PTY) LTD	B22D 1/00 (2006.01)
AP/P/2022/014085	AP 7923	PCT/IB2020/061521	ALESCO S.R.L.	A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 9/16 (2006.01) A61K 47/14 (2017.01) A61K 9/107 (2006.01) A61K 47/24 (2006.01) A61K 47/36 (2006.01)
AP/P/2022/014228	AP 7928	PCT/EP2021/054280	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	F25J 1/00 (2006.01) F25J 1/02 (2006.01) G05B 13/04 (2006.01) G05B 23/00 (2006.01) G05B 17/00 (2006.01)

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AP/P/2022/014577	AP 7901	PCT/IB2021/056177	ASTRAZENECA AB	A61K 31/497 (2006.01) A61K 31/70 (2006.01) A61P 13/12 (2006.01)
AP/P/2021/013572	AP 7864	PCT/JP2020/016927	SAKATA SEED CORPORATION	A01H 5/00 (2018.01) A01H 5/10 (2018.01) A01H 6/14 (2018.01) C12N 15/05 (2006.01)
AP/P/2021/013693	AP 7925	PCT/EP2020/070547	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	C07D 487/10 (2006.01) C07D 487/08 (2006.01) C07D 487/04 (2006.01) C07D 471/10 (2006.01) C07D 471/08 (2006.01) C07D 401/14 (2006.01) C07D 401/12 (2006.01) A61K 31/497 (2006.01) A61K 31/444 (2006.01) A61K 31/438 (2006.01) A61K 31/407 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01)
AP/P/2022/014067	AP 7877	PCT/EP2019/000338	KNAUF GIPS KG	E04B 2/74 (2006.01) E04B 2/78 (2006.01) E04B 2/82 (2006.01)
AP/P/2022/014205	AP 7880	PCT/US2018/023183	DOLBY INTERNATIONAL AB	G06F 17/10 (2006.01) G10L 19/02 (2013.01) G10L 19/22 (2013.01) G10L 19/24 (2013.01) G10L 19/26 (2013.01)
AP/P/2022/014324	AP 7927	PCT/US2021/024215	VANDERBILT UNIVERSITY	C07K 16/10 (2006.01) G01N 33/569 (2006.01) G01N 33/577 (2006.01) A61K 39/00 (2006.01)
AP/P/2020/012612	AP 7851		CHANNEL TECHNOLOGIES FZE	**G06Q 20/00** (2015.01)
AP/P/2021/013243	AP 7857		FINEFLOT INC.	B03D1/0[illegible] B03D1/[illegible] (2015.01) B03B5/3[illegible] B03B7/[illegible] (2015.01) B03D1/[illegible] (2015.01)
AP/P/2024/015699	AP 7913	PCT/EP2022/078628	DLR GBR	B65F 1/14 (2006.01) B30B 1/00 (2006.01) B30B 9/30 (2006.01)
AP/P/2022/014413	AP 7887	PCT/EP2021/066179	YARA INTERNATIONAL ASA	B09B 3/00 (2006.01) C01G 11/00 (2006.01) C01G 13/00 (2006.01) C01G 21/00 (2006.01) C22B 3/16 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C01B 25/234 (2006.01) C01B 25/238 (2006.01)
AP/P/2020/012567	AP 7930	PCT/US2018/067062	NEXCRUDE TECHNOLOGIES, INC.	C10G 9/36 (2006.01) C10G 9/42 (2006.01) C10G 31/06 (2006.01)
AP/P/2021/013482	AP 7861	PCT/IL2020/051334	IGIN SMART HYGIENE LTD	A61B 42/50 (2016.01) A61B 42/00 (2016.01) A61B 42/40 (2016.01) A61B 42/10 (2016.01) B65G 47/90 (2006.01) B65G 47/00 (2006.01)
AP/P/2022/014527	AP 7895	PCT/IB2021/054970	PFIZER INC.	C07D 471/20 (2006.01) C07D 519/00 (2006.01) A61K 31/438 (2006.01) A61P 1/08 (2006.01) A61P 3/04 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) A61P 29/00 (2006.01)

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AP/P/2023/014712	AP 7904	PCT/EP2020/073895	SANDVIK MINING AND CONSTRUCTION OY	B62D 12/00 (2006.01) B62D 53/02 (2006.01)
AP/P/2021/013730	AP 7869	PCT/US2020/036356	MARS, INCORPORATED	A61K 35/66 (2015.01) A61K 36/185 (2006.01) A61K 45/06 (2006.01)
AP/P/2022/014281	AP 7919	PCT/EP2020/055133	SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION SUPPLY) PTY LTD	E02F 9/28 (2006.01)
AP/P/2022/014461	AP 7889	PCT/EP2021/059011	SICPA HOLDING SA	B42D 25/324 (2014.01) B42D 25/445 (2014.01)
AP/P/2021/013606	AP 7865	PCT/SE2020/050491	HOGNE AB	A61F 13/20 (2006.01)
AP/P/2021/013488	AP 7924	PCT/EP2020/057725	SYNGENTA CROP PROTECTION AG	C07C 69/736 (2006.01) C07C 251/44 (2006.01) C07C 255/46 (2006.01) A01N 37/36 (2006.01) A01N 37/50 (2006.01)
AP/P/2022/013782	AP 7870	PCT/SE2020/050703	GROW PIPES AB	A01G 9/02 (2018.01) A01G 31/06 (2006.01)
AP/P/2022/014341	AP 7884	PCT/EP2021/055381	BAYER CROPSCIENCE SCHWEIZ AG	A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 25/02 (2006.01) A01N 37/02 (2006.01)
AP/P/2022/014073	AP 7878	PCT/FI2019/050821	METSO FINLAND OY	C22B 3/02 (2006.01) C22B 26/12 (2006.01) C01D 15/02 (2006.01) C22B 3/12 (2006.01) C22B 3/14 (2006.01)
AP/P/2022/014520	AP 7894		SPCM SA	C08J 3/16 (2006.01) B01D 53/10 (2006.01) C08J 3/02 (2006.01) C08J 3/05 (2006.01) C08J 3/07 (2006.01) C08F 2/08 (2006.01) G02F 1/334 (2006.01) C08J 11/04 (2006.01)
AP/P/2020/012765	AP 7854	PCT/IB2019/053144	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	H044W 12/04 (2009.01)
AP/P/2020/012289	AP 7850	PCT/US2018/046690	OMEROS CORPORATION	A61K 38/00 (2006.01) A61K 38/48 (2006.01) A61K 39/395 (2006.01) C07K 16/40 (2006.01) C12N 9/50 (2006.01)
AP/P/2022/014099	AP 7935	PCT/EP2012/063929	GE VIDEO COMPRESSION, LLC	H04N 7/26 (2006.01) H03M 7/40 (2006.01)
AP/P/2022/014241	AP 7881	PCT/EP2021/050140	DE BEERS UK LTD	G01N 21/87 (2006.01)
AP/P/2022/014611	AP 7902	PCT/GB2021/051413	PARADIGM FLOW SERVICES LIMITED	A62C 35/62 (2006.01) A62C 37/50 (2006.01)
AP/P/2021/013615	AP 7866	PCT/GB2020/051146	FUNDAÇÃO OSWALDO CRUZ – FIOCRUZ	A61K 39/015 (2006.01)
AP/P/2023/015307	AP 7841	PCT/FI2022/050203	SOLAR WATER SOLUTIONS OY	G05D 16/10 (2006.01)
AP/P/2024/015700	AP 7914	PCT/EP2022/078683	ECONNECT ENERGY AS	B63B 27/34 (2006.01)
AP/P/2022/014492	AP 7892	PCT/US2021/034519	TAKACHAR LIMITED	C10L 5/40 (2006.01) B09B 3/00 (2006.01) C10L 5/42 (2006.01) C10L 5/44 (2006.01)

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AP/P/2024/015861	AP 7844	PCT/AU2022/051533	SIMBI ESG PTY LTD	G06Q 10/30 (2023.01) G06Q 20/06 (2012.01) G06Q 20/22 (2012.01) G06Q 30/0208 (2023.01) H04L 9/00 (2022.01)
AP/P/2021/013180	AP 7922	PCT/EP2019/080148	B MEDICAL SYSTEMS S.À R.L.	F25D 3/02 (2006.01) B65D 81/38 (2006.01)
AP/P/2022/014284	AP 7883	PCT/JP2020/044670	NTT DOCOMO, INC.	H04W 8/22 (2009.01) H04W 16/32 (2009.01) H04W 72/04 (2009.01) H04W 76/34 (2018.01) H04W 28/20 (2009.01)
AP/P/2022/014328	AP 7937	PCT/JP2020/022050	LIXIL CORPORATION	A47K 1/02 (2006.01)
AP/P/2018/011018	AP 7846	PCT/US2017/025411	OMEROS CORPORATION	A61K 39/395 (2006.01) A61P 27/02 (2006.01) A61P 7/00 (2006.01) C07K 16/40 (2006.01)
AP/P/2022/013908	AP 7931	PCT/US2020/051645	NOVO NORDISK HEALTH CARE AG	A61K 31/407 (2006.01) A61K 31/436 (2006.01) A61P 7/06 (2006.01) C07D 487/04 (2006.01)
AP/P/2023/014817	AP 7906	PCT/IB2021/059037	STELLENBOSCH UNIVERSITY	F24S 23/77 (2018.01)
AP/P/2022/014462	AP 7890	PCT/IB2021/052809	LUKATIT INVESTMENTS 12 (PTY) LTD	H01M 4/04 (2006.01) H01M 4/14 (2006.01) H01M 4/20 (2006.01) H01M 4/02 (2006.01)
AP/P/2022/014517	AP 7939	PCT/EP2021/063459	BIND-X GMBH	C09K 3/22 (2006.01) C09D 5/00 (2006.01)
AP/P/2021/012947	AP 7855	PCT/JP2018/031974	JGC CORPORATION	E02B 3/00 (2006.01)
AP/P/2020/012637	AP 7853	PCT/IB2019/051834	ALPHA TAU MEDICAL LTD.	A61N 5/10 (2006.01) A61L 27/40 (2006.01) A61L 27/42 (2006.01) G21G 4/08 (2006.01) G21F 5/02 (2006.01) A61M 31/00 (2006.01)
AP/P/2023/014689	AP 7903	PCT/US2020/000037	RODAN ENTERPRISES, LLC	A41D 13/11 (2006.01) A62B 23/06 (2006.01) A62B 18/02 (2006.01)
AP/P/2024/015753	AP 7843	PCT/IB2022/051953	INTERCONTINENTAL ENERGY HOLDINGS GROUP LIMITED	H02J 3/28 (2006.01) F03D 7/04 (2006.01) H02J 3/00 (2006.01) F03D 9/00 (2016.01) H02J 3/38 (2006.01) F03D 9/25 (2016.01) H02J 15/00 (2006.01) F03D 9/20 (2016.01) C25B 1/04 (2021.01) H02S 10/20 (2014.01) H02J 1/00 (2016.01) F03D 9/19 (2016.01) H02S 10/12 (2014.01) F04B 17/02 (2006.01)
AP/P/2022/014360	AP 7886	PCT/IL2021/050272	ZALIRIAN LTD.	B24B 49/04 (2006.01) B24B 51/00 (2006.01) B25J 9/00 (2006.01)
AP/P/2021/013506	AP 7916	PCT/IB2019/052734	CLEARLEAF INC.	A01N 59/16 (2006.01) A01N 25/04 (2006.01)
AP/P/2022/014273	AP 7882	PCT/EP2021/051348	4LIFE SOLUTIONS APS	C02F 1/32 (2006.01) A61L 2/10 (2006.01) C02F 1/00 (2006.01)

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AP/P/2022/014544	AP 7897	PCT/US2017/054237	BIOLOGICAL E LIMITED	A61K 39/09 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01) A61K 39/00 (2006.01)
AP/P/2021/013723	AP 7867	PCT/AU2020/000092	INDORAMA VENTURES OXIDES AUSTRALIA PTY LIMITED	C08G 65/26 (2006.01) C22B 3/04 (2006.01) C08L 71/02 (2006.01) C02F 1/54 (2006.01) C22B 3/20 (2006.01) C22B 3/08 (2006.01) C07C 67/00 (2006.01) C02F 1/20 (2006.01)

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AP 2304	AP/P/2008/004358	20.08.2025	28.08.2026	19th yr
AP 2390	AP/P/2008/004402	11.08.2025	29.09.2026	19th yr
AP 2729	AP/P/2008/004614	11.08.2025	15.09.2026	17th yr
AP 2355	AP/P/2009/004770	25.08.2025	24.08.2026	18th yr
AP 2510	AP/P/2009/004808	11.08.2025	26.09.2026	18th yr
AP 2703	AP/P/2009/004830	11.08.2025	28.09.2026	18th yr
AP 6274	AP/P/2009/005056	11.08.2025	05.05.2026	17th yr
AP 2630	AP/P/2010/005170	08.08.2025	22.08.2026	17th yr
AP 3588	AP/P/2011/005629	11.08.2025	16.09.2026	16th yr
AP 3488	AP/P/2011/005648	11.08.2025	04.09.2026	16th yr
AP 2938	AP/P/2011/005654	11.08.2025	15.09.2026	16th yr
AP 3070	AP/P/2012/006109	22.08.2025	02.09.2026	15th yr
AP 3282	AP/P/2012/006139	08.08.2025	11.08.2026	15th yr
AP 3423	AP/P/2012/006144	11.08.2025	29.09.2026	15th yr
AP 3254	AP/P/2012/006171	26.08.2025	30.08.2026	15th yr
AP 3559	AP/P/2012/006243	22.08.2025	27.09.2026	15th yr
AP 4010	AP/P/2012/006461	20.08.2025	31.08.2026	13th yr
AP 3298	AP/P/2012/006571	11.08.2025	27.09.2026	13th yr
AP 3304	AP/P/2013/006704	15.08.2025	19.08.2026	14th yr
AP 3977	AP/P/2013/006805	11.08.2025	12.09.2026	14th yr
AP 3806	AP/P/2013/006833	11.08.2025	26.09.2026	14th yr
AP 3824	AP/P/2013/006991	06.08.2025	03.08.2026	14th yr
AP 4796	AP/P/2013/007083	26.08.2025	28.08.2026	12th yr
AP 3543	AP/P/2013/007122	01.08.2025	18.09.2026	12th yr
AP 4306	AP/P/2013/007296	22.08.2025	01.09.2026	14th yr
AP 4532	AP/P/2014/007414	22.08.2025	13.09.2026	13th yr
AP 4316	AP/P/2014/007424	08.08.2025	09.08.2026	13th yr
AP 5022	AP/P/2014/007485	22.08.2025	03.09.2026	13th yr
AP 3713	AP/P/2014/007486	25.08.2025	06.09.2026	13th yr
AP 3487	AP/P/2014/007489	22.08.2025	06.09.2026	13th yr
AP 4348	AP/P/2014/007508	22.08.2025	12.09.2026	13th yr
AP 4240	AP/P/2014/007535	11.08.2025	26.09.2026	13th yr
AP 4343	AP/P/2014/007538	11.08.2025	05.09.2026	13th yr
AP 3868	AP/P/2014/007547	07.08.2025	21.08.2026	14th yr
AP 3675	AP/P/2014/007925	12.08.2025	14.02.2026	12th yr
AP 4374	AP/P/2014/007935	11.08.2025	10.09.2026	11th yr
AP 4816	AP/P/2014/008052	05.08.2025	21.05.2026	12th yr
AP 4816	AP/P/2014/008052	05.08.2025	21.05.2025	11th yr

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AP 4287	AP/P/2015/008201	01.08.2025	01.08.2026	12th yr
AP 4623	AP/P/2015/008231	22.08.2025	03.09.2026	12th yr
AP 3811	AP/P/2015/008260	08.08.2025	14.08.2026	12th yr
AP 4708	AP/P/2015/008262	11.08.2025	26.09.2026	12th yr
AP 4783	AP/P/2015/008265	30.07.2025	12.07.2026	12th yr
AP 4297	AP/P/2015/008287	19.08.2025	30.08.2026	12th yr
AP 3773	AP/P/2015/008324	25.08.2025	27.08.2026	12th yr
AP 3873	AP/P/2015/008343	01.08.2025	17.09.2026	12th yr
AP 5757	AP/P/2015/008349	27.08.2025	25.03.2026	10th yr
AP 4250	AP/P/2015/008353	15.08.2025	27.09.2026	12th yr
AP 3952	AP/P/2015/008363	15.08.2025	20.09.2026	12th yr
AP 4982	AP/P/2015/008456	15.08.2025	10.09.2026	12th yr
AP 5038	AP/P/2016/009065	01.08.2025	01.08.2026	12th yr
AP 4910	AP/P/2016/009071	01.08.2025	01.08.2026	12th yr
AP 4710	AP/P/2016/009083	22.08.2025	10.09.2026	11th yr
AP 4871	AP/P/2016/009084	25.08.2025	09.09.2026	11th yr
AP 5227	AP/P/2016/009166	11.08.2025	29.09.2026	11th yr
AP 5228	AP/P/2016/009168	11.08.2025	29.09.2026	11th yr
AP 5406	AP/P/2016/009203	21.08.2025	14.10.2026	11th yr
AP 4935	AP/P/2016/009500	20.08.2025	27.08.2026	11th yr
AP 5297	AP/P/2016/009664	19.08.2025	19.06.2026	10th yr
AP 5077	AP/P/2017/009687	20.08.2025	27.08.2026	11th yr
AP 5356	AP/P/2017/009717	29.07.2025	05.08.2026	10th yr
AP 5262	AP/P/2017/009733	22.08.2025	08.09.2026	10th yr
AP 5312	AP/P/2017/009766	31.07.2025	14.08.2026	10th yr
AP 5531	AP/P/2017/009772	26.08.2025	28.08.2026	10th yr
AP 5488	AP/P/2017/009777	25.08.2025	09.09.2026	10th yr
AP 6220	AP/P/2017/009810	27.08.2025	15.03.2026	8th yr
AP 5938	AP/P/2017/009821	22.08.2025	02.09.2026	10th yr
AP 5238	AP/P/2017/009827	26.08.2025	28.08.2026	10th yr
AP 6275	AP/P/2017/009834	22.08.2025	23.09.2026	10th yr
AP 5088	AP/P/2017/009838	11.08.2025	18.09.2026	10th yr
AP 5322	AP/P/2017/009840	11.08.2025	23.09.2026	10th yr
AP 5516	AP/P/2017/009878	22.08.2025	24.09.2026	10th yr
AP 5961	AP/P/2017/010037	22.08.2025	12.09.2026	13th yr
AP 6276	AP/P/2017/010044	11.08.2025	26.09.2026	13th yr
AP 6230	AP/P/2017/010165	11.08.2025	01.09.2026	8th yr
AP 5732	AP/P/2017/010314	01.08.2025	01.08.2026	9th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 6070	AP/P/2017/010319	01.08.2025	01.08.2026	9th yr
AP 6076	AP/P/2017/010332	01.08.2025	01.08.2026	9th yr
AP 5688	AP/P/2017/010333	29.07.2025	17.08.2026	9th yr
AP 6071	AP/P/2017/010350	01.08.2025	01.08.2026	9th yr
AP 5733	AP/P/2017/010358	01.08.2025	01.08.2026	9th yr
AP 6278	AP/P/2017/010398	05.08.2025	05.08.2026	9th yr
AP 6179	AP/P/2018/010475	25.08.2025	09.09.2026	9th yr
AP 5957	AP/P/2018/010498	29.07.2025	28.07.2026	9th yr
AP 5475	AP/P/2018/010538	13.08.2025	19.08.2026	9th yr
AP 5424	AP/P/2018/010545	15.08.2025	02.09.2026	9th yr
AP 6065	AP/P/2018/010546	31.07.2025	03.08.2026	9th yr
AP 6192	AP/P/2018/010559	07.08.2025	29.07.2026	9th yr
AP 5763	AP/P/2018/010564	11.08.2025	18.08.2026	9th yr
AP 5708	AP/P/2018/010575	22.08.2025	15.09.2026	9th yr
AP 5747	AP/P/2018/010576	07.08.2025	18.08.2026	9th yr
AP 5779	AP/P/2018/010591	31.07.2025	22.08.2026	9th yr
AP 6267	AP/P/2018/010593	20.08.2025	29.08.2026	9th yr
AP 5718	AP/P/2018/010595	22.08.2025	14.09.2026	9th yr
AP 5748	AP/P/2018/010601	11.08.2025	06.09.2026	9th yr
AP 6269	AP/P/2018/010604	20.08.2025	29.08.2026	9th yr
AP 7028	AP/P/2018/010606	31.07.2025	24.08.2026	9th yr
AP 5600	AP/P/2018/010613	19.08.2025	24.08.2026	9th yr
AP 5619	AP/P/2018/010614	19.08.2025	24.08.2026	9th yr
AP 6115	AP/P/2018/010633	14.08.2025	09.09.2026	9th yr
AP 6468	AP/P/2018/010639	25.08.2025	06.04.2026	7th yr
AP 5807	AP/P/2018/010657	11.08.2025	28.09.2026	9th yr
AP 6155	AP/P/2018/010680	08.08.2025	29.08.2026	9th yr
AP 5890	AP/P/2018/010717	15.08.2025	14.11.2026	9th yr
AP 6235	AP/P/2018/010741	11.08.2025	28.09.2026	9th yr
AP 6116	AP/P/2018/010757	26.08.2025	03.11.2026	9th yr
AP 5151	AP/P/2018/011011	20.08.2025	24.08.2025	6th yr
AP 5435	AP/P/2018/011121	22.08.2025	21.10.2026	9th yr
AP 5308	AP/P/2018/011185	30.07.2025	17.08.2026	9th yr
AP 6107	AP/P/2018/011246	13.08.2025	18.08.2026	8th yr
AP 5856	AP/P/2019/011298	31.07.2025	10.08.2026	8th yr
AP 5987	AP/P/2019/011318	22.08.2025	19.09.2026	8th yr
AP 7848	AP/P/2019/011343	31.07.2025	12.08.2026	8th yr
AP 6329	AP/P/2019/011355	06.08.2025	24.08.2026	8th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 5711	AP/P/2019/011356	11.08.2025	14.08.2026	8th yr
AP 6237	AP/P/2019/011359	31.07.2025	10.08.2026	8th yr
AP 6089	AP/P/2019/011378	25.08.2025	11.09.2026	8th yr
AP 5766	AP/P/2019/011381	31.07.2025	11.08.2026	8th yr
AP 5358	AP/P/2019/011386	01.08.2025	03.08.2026	8th yr
AP 6283	AP/P/2019/011396	31.07.2025	31.08.2026	8th yr
AP 7231	AP/P/2019/011409	31.07.2025	11.08.2026	8th yr
AP 5935	AP/P/2019/011412	15.08.2025	24.08.2026	8th yr
AP 6593	AP/P/2019/011417	22.08.2025	09.09.2026	9th yr
AP 7453	AP/P/2019/011429	15.08.2025	16.08.2026	8th yr
AP 7565	AP/P/2019/011447	20.08.2025	30.08.2026	8th yr
AP 6002	AP/P/2019/011458	22.08.2025	07.09.2026	8th yr
AP 6677	AP/P/2019/011460	11.08.2025	28.09.2026	8th yr
AP 5568	AP/P/2019/011465	22.08.2025	06.09.2026	8th yr
AP 5739	AP/P/2019/011466	26.08.2025	31.08.2026	8th yr
AP 5377	AP/P/2019/011469	11.08.2025	28.09.2026	8th yr
AP 6261	AP/P/2019/011472	20.08.2025	29.08.2026	8th yr
AP 6024	AP/P/2019/011475	11.08.2025	04.09.2026	8th yr
AP 6207	AP/P/2019/011482	30.07.2025	22.09.2026	8th yr
AP 6679	AP/P/2019/011490	15.08.2025	25.09.2026	8th yr
AP 6461	AP/P/2019/012002	25.08.2025	27.08.2026	6th yr
AP 5840	AP/P/2019/012016	15.08.2025	04.06.2026	7th yr
AP 6422	AP/P/2019/012031	16.08.2025	19.04.2020	1st yr
AP 6422	AP/P/2019/012031	16.08.2025	19.04.2020	1st yr
AP 6422	AP/P/2019/012031	16.08.2025	19.04.2020	1st yr
AP 6148	AP/P/2019/012077	16.08.2025	21.06.2020	1st yr
AP 6148	AP/P/2019/012077	16.08.2025	21.06.2020	1st yr
AP 6148	AP/P/2019/012077	16.08.2025	21.06.2020	1st yr
AP 6163	AP/P/2019/012079	16.08.2025	21.06.2020	1st yr
AP 6163	AP/P/2019/012079	16.08.2025	21.06.2020	1st yr
AP 6163	AP/P/2019/012079	16.08.2025	21.06.2020	1st yr
AP 5999	AP/P/2019/012081	16.08.2025	21.06.2020	1st yr
AP 5999	AP/P/2019/012081	16.08.2025	21.06.2020	1st yr
AP 5999	AP/P/2019/012081	16.08.2025	21.06.2020	1st yr
AP 5769	AP/P/2019/012089	20.08.2025	15.05.2026	7th yr
AP 6265	AP/P/2020/012140	14.08.2025	11.06.2020	1st yr
AP 6505	AP/P/2020/012193	01.08.2025	03.08.2026	7th yr
AP 6075	AP/P/2020/012207	07.08.2025	17.08.2026	7th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 6841	AP/P/2020/012211	11.08.2025	29.09.2026	11th yr
AP 6743	AP/P/2020/012214	06.08.2025	11.08.2026	8th yr
AP 6880	AP/P/2020/012243	31.07.2025	10.08.2026	7th yr
AP 6392	AP/P/2020/012250	31.07.2025	08.08.2026	7th yr
AP 7068	AP/P/2020/012256	11.08.2025	30.07.2026	7th yr
AP 6401	AP/P/2020/012258	25.08.2025	11.09.2026	7th yr
AP 6538	AP/P/2020/012261	25.08.2025	04.09.2026	7th yr
AP 5984	AP/P/2020/012273	26.08.2025	30.08.2026	7th yr
AP 7850	AP/P/2020/012289	31.07.2025	14.08.2026	7th yr
AP 5391	AP/P/2020/012295	22.08.2025	12.09.2026	7th yr
AP 6595	AP/P/2020/012299	22.08.2025	08.09.2026	8th yr
AP 6252	AP/P/2020/012314	25.08.2025	04.10.2026	7th yr
AP 7426	AP/P/2020/012338	22.08.2025	28.09.2026	7th yr
AP 6931	AP/P/2020/012339	22.08.2025	29.09.2026	8th yr
AP 6271	AP/P/2020/012344	15.08.2025	27.09.2026	7th yr
AP 6722	AP/P/2020/012436	22.08.2025	13.11.2026	7th yr
AP 6722	AP/P/2020/012436	22.08.2025	13.11.2025	6th yr
AP 7648	AP/P/2020/012479	16.08.2025	30.11.2020	1st yr
AP 7648	AP/P/2020/012479	16.08.2025	30.11.2020	1st yr
AP 7648	AP/P/2020/012479	16.08.2025	30.11.2020	1st yr
AP 6769	AP/P/2020/012608	08.08.2025	20.02.2026	6th yr
AP 6607	AP/P/2020/012629	16.08.2025	15.02.2021	1st yr
AP 6607	AP/P/2020/012629	16.08.2025	15.02.2021	1st yr
AP 6607	AP/P/2020/012629	16.08.2025	15.02.2021	1st yr
AP 7539	AP/P/2020/012674	29.07.2025	25.02.2026	6th yr
AP 7035	AP/P/2020/012788	25.08.2025	03.09.2026	10th yr
AP 6702	AP/P/2020/012828	29.07.2025	01.08.2026	7th yr
AP 6781	AP/P/2020/012854	01.08.2025	21.05.2026	6th yr
AP 7553	AP/P/2021/012946	01.08.2025	02.08.2026	6th yr
AP 7495	AP/P/2021/012950	31.07.2025	12.08.2026	6th yr
AP 7014	AP/P/2021/012968	01.08.2025	20.08.2026	6th yr
AP 6996	AP/P/2021/012993	15.08.2025	18.09.2026	6th yr
AP 6393	AP/P/2021/012995	29.08.2025	04.09.2026	7th yr
AP 7339	AP/P/2021/012997	05.08.2025	14.08.2026	6th yr
AP 7165	AP/P/2021/013004	11.08.2025	21.09.2026	7th yr
AP 7202	AP/P/2021/013015	11.08.2025	06.09.2026	6th yr
AP 6749	AP/P/2021/013016	11.08.2025	28.09.2026	7th yr
AP 6897	AP/P/2021/013024	31.07.2025	12.08.2026	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 7651	AP/P/2021/013026	11.08.2025	11.09.2026	6th yr
AP 6885	AP/P/2021/013032	29.08.2025	04.09.2026	6th yr
AP 7584	AP/P/2021/013048	11.08.2025	19.09.2026	6th yr
AP 7414	AP/P/2021/013060	11.08.2025	25.09.2026	6th yr
AP 7585	AP/P/2021/013068	11.08.2025	24.09.2026	6th yr
AP 6968	AP/P/2021/013070	27.08.2025	27.08.2026	6th yr
AP 7056	AP/P/2021/013072	22.08.2025	26.09.2026	6th yr
AP 7107	AP/P/2021/013076	25.08.2025	03.09.2026	6th yr
AP 7779	AP/P/2021/013083	05.08.2025	05.08.2026	6th yr
AP 6796	AP/P/2021/013125	22.08.2025	24.09.2026	6th yr
AP 6611	AP/P/2021/013126	20.08.2025	29.08.2026	6th yr
AP 7340	AP/P/2021/013159	07.08.2025	16.08.2026	6th yr
AP 7690	AP/P/2021/013171	01.08.2025	01.08.2026	9th yr
AP 6771	AP/P/2021/013172	10.07.2025	28.11.2026	6th yr
AP 7391	AP/P/2021/013205	01.08.2025	21.11.2026	6th yr
AP 7706	AP/P/2021/013232	11.08.2025	07.11.2026	6th yr
AP 7349	AP/P/2021/013278	16.08.2025	11.12.2021	1st yr
AP 7709	AP/P/2021/013426	25.08.2025	18.08.2026	4th yr
AP 7256	AP/P/2021/013541	15.08.2025	30.03.2026	5th yr
AP 7092	AP/P/2021/013720	15.08.2025	05.09.2026	6th yr
AP 7713	AP/P/2022/013819	05.08.2025	06.08.2026	5th yr
AP 7744	AP/P/2022/013843	21.08.2025	09.08.2026	5th yr
AP 7067	AP/P/2022/013860	25.08.2025	04.09.2026	5th yr
AP 7763	AP/P/2022/013889	31.07.2025	14.08.2026	6th yr
AP 7792	AP/P/2022/013928	11.08.2025	30.09.2026	6th yr
AP 7767	AP/P/2022/013946	25.08.2025	03.09.2026	5th yr
AP 7768	AP/P/2022/013965	15.08.2025	28.09.2026	5th yr
AP 7876	AP/P/2022/013984	08.08.2025	11.09.2026	5th yr
AP 7785	AP/P/2022/013986	07.08.2025	19.08.2026	5th yr
AP 7699	AP/P/2022/014016	15.08.2025	30.09.2026	5th yr
AP 7677	AP/P/2022/014052	15.08.2025	30.09.2026	5th yr
AP 7786	AP/P/2022/014199	15.08.2025	29.09.2026	5th yr
AP 7605	AP/P/2022/014487	05.08.2025	30.04.2026	5th yr
AP 7435	AP/P/2023/014632	07.08.2025	17.06.2026	4th yr
AP 7615	AP/P/2023/014756	22.08.2025	07.09.2026	4th yr
AP 7618	AP/P/2023/014797	22.08.2025	02.09.2026	4th yr
AP 7788	AP/P/2023/014820	22.08.2025	18.09.2026	4th yr
AP 7842	AP/P/2024/015613	26.08.2025	31.08.2026	3rd yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 7913	AP/P/2024/015699	22.08.2025	14.10.2026	3rd yr
AP 7914	AP/P/2024/015700	22.08.2025	14.10.2026	3rd yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2025/000277

(22) 13.08.2025

(23) 13.08.2025

(51) **A61P 25/24 (2006.01)**
A61P 3/04 (2006.01)
A61P 3/00 (2006.01)
A61K 36/00 (2006.01)

(54) KHAT INFUSED PRODUCT AND METHOD THEREOF

(71) MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

(72) MBAABUARIMI Joshua Prof.

(74) OTSWONG'O Omukubi Fredrick

(84) BW, CV, GH, GM, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

(96) 13.08.2025 AP/U/2025/000277

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Utility Model Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/2023/000239	08.08.2025	18.07.2026	2nd yr

DESIGNS

Design Applications Filed

(21) AP/D/2025/002020
(22) 14.08.2025
(51) **12-06**
(54) FA 400 VESSEL
(71) ABU DHABI SHIP BUILDING COMPANY
(72) REDDY Tippana Naveen, SEN Kalipada, KARMAKAR Pranab, et al
(74) SAMURIWO ATTORNEYS
(84) BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2025/002021
(22) 14.08.2025
(31) 29/993,531
(32) 14.03.2025 (33) US
(51) **31-00**
(54) BLENDER
(71) CAPBRAN HOLDINGS, LLC
(72) FINNANCE Robert
(74) SPOOR.FISHER
(84) KE

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(21) AP/D/2025/002022
(22) 20.08.2025
(51) **12-16**
(54) BATTERY COMPARTMENT FOR A VEHICLE
(71) SUN MOBILITY PTE LTD
(72) SRAVYA Pidugu, KIRAN P, DHARANI Rajendiran, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002023
(22) 20.08.2025
(31) İN 451397-001
(32) 13.03.2025 (33) IN
(51) **13-02**
(54) CHARGING MODULE FOR A QUICK BATTERY INTERCHANGE STATION
(71) SUN MOBILITY PTE LTD
(72) VIGNESHWARAN R, SOUMYA Dash, VISWANATHAN B, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002024
(22) 20.08.2025
(31) 451407-001
(32) 13.03.2025 (33) IN
(51) **13-02**
(54) CHARGING MODULE FOR A QUICK BATTERY INTERCHANGE STATION
(71) SUN MOBILITY PTE LTD
(72) VIGNESHWARAN R, SOUMYA Dash, VISWANATHAN B, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002025
(22) 20.08.2025
(31) 452278-001
(32) 21.03.2025 (33) IN
(51) **13-03**
(54) SENSE PCB FOR BATTERY PACK
(71) SUN MOBILITY PTE LTD
(72) PRAVEEN Nambisan and MANJUNATHA H
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002026
(22) 20.08.2025
(51) **13-03**
(54) BATTERY DOCK
(71) SUN MOBILITY PTE LTD
(72) REJENDRA Sontakke
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002027
(22) 20.08.2025
(51) **13-02**
(54) BATTERY CHARGING AND SWAPPING STATION FOR VEHICLE
(71) SUN MOBILITY PTE LTD
(72) CHETAN Kumar Maini
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002028
(22) 20.08.2025
(31) 450560-001
(32) 06.03.2025 (33) IN
(51) **13-03**
(54) ELECTRICAL CONNECTOR
(71) SUN MOBILITY PTE LTD
(72) MUKUND Arvind Kulkarni, SRAVYA Pidugu, ANANTHA Kannan, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002029
(22) 20.08.2025
(31) İN 449757-001
(32) 28.02.2025 (33) IN
(51) **13-03**
(54) ELECTRICAL CONNECTOR
(71) SUN MOBILITY PTE LTD
(72) MUKUND Arvind Kulkarni, SRAVYA Pidugu, ANANTHA Kannan, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, TZ, UG

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(21) AP/D/2025/002030
(22) 28.08.2025
(31) A2025/00918
(32) 04.08.2025 (33) ZA
(51) **09-01**
(54) BOTTLE
(71) POLYOAK PACKAGING (PTY) LTD
(72) SAMBOER Anthony
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, LS, MW, MZ, NA, SZ, ZM, ZW

●●

(21) AP/D/2025/002031
(22) 28.08.2025
(31) 2025304038280
(32) 10.07.2025 (33) CN
(51) **09-10**
(54) GRIPS
(71) QINGDAO HUATIAN HAND TRUCK CO., LTD.
(72) LIU Zhijun
(74) ABDULLAHI Abuzaid Mohammed Ammar
(84) GH, KE, TZ

●●

(21) AP/D/2025/002032
(22) 28.08.2025
(51) **03-01**
(54) BAGS
(71) DURBAN UNIVERSITY OF TECHNOLOGY
(72) SIBISI Sihle
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MU, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

●●

(21) AP/D/2025/002033
(22) 28.08.2025
(31) 202530127295.8
(32) 17.03.2025 (33) CN
(51) **12-08**
(54) VEHICLE
(71) ROX MOTOR TECH CO.,LTD
(72) REN Wenmei and ZHAO Zhongxiang
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, CV, GH, GM, KE, LR, LS, MU, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW

●●

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Designs Lapsed

(11) AP/D/00814
(21) AP/D/2015/001040
(22) 25.08.2015
(51) **07-05**
(54) ELECTRIC IRON
(71) Koninklijke Philips N.V.
(72) TAN Mui Luang
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, TZ, UG, ZM

●●

(11) AP/D/00852
(21) AP/D/2015/001039
(22) 26.08.2015
(51) **20-02**
(54) HEAD-MOUNTED DISPLAY
(71) SONY INTERACTIVE ENTERTAINMENT INC.
(72) NOKUO Taichi
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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Design Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2024/001952	11.08.2025	27.09.2026	1st yr

Designs Registered

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01627

(21) **Application No :** AP/D/2024/001875

(22) **Filing Date :** 12.03.2024

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EU	015033953-0002	13.09.2023

(84) **Designated States:**
KE

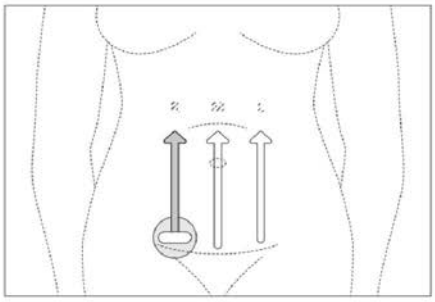
(73) **Applicant(s)**
KONINKLIJKE PHILIPS N.V., High Tech Campus 52, 5656 AG Eindhoven, The Netherlands

(72) **Creators**
TAN Wee Kar, United States of America
NAQVI Shabab Zahra, India
HAVERSTOCK Christopher Edward, United States of America
et al

(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** 14-04

(54) **Title**
A DISPLAY SCREEN CONFIGURED TO DISPLAY A GRAPHICAL USER INTERFACE ANIMATION FOR MEDICAL PURPOSES



1.1

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01628

(21) **Application No :** AP/D/2024/001876

(22) **Filing Date :** 12.03.2024

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EU	015033953-0004	13.09.2023

(84) **Designated States:**
KE

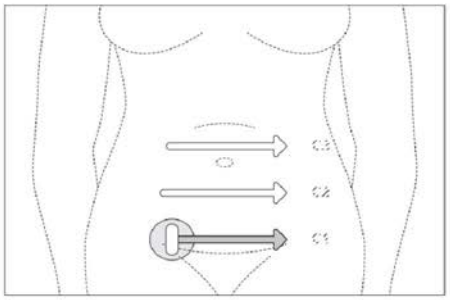
(73) **Applicant(s)**
KONINKLIJKE PHILIPS N.V., High Tech Campus 52, 5656 AG Eindhoven, The Netherlands

(72) **Creators**
NAQVI Shabab Zahra, India
NEWLAND Colleen, United States of America
HAVERSTOCK Christopher Edward, United States of America
et al

(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** 14-04

(54) **Title**
A DISPLAY SCREEN CONFIGURED TO DISPLAY A GRAPHICAL USER INTERFACE ANIMATION FOR MEDICAL PURPOSES



1.1

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01629

(21) **Application No :** AP/D/2024/001925

(22) **Filing Date :** 07.08.2024

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
CN	2024300834949	08.02.2024

(84) **Designated States:**
SD

(73) **Applicant(s)**
CHERY AUTOMOBILE CO., LTD., No. 8 Changchun Road, Economy & Technology Development Zone, Wuhu, Anhui 241006, China

(72) **Creators**
GAO Xinhua, Peoples Republic of China

(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** 12-08

(54) **Title**
AUTOMOBILE

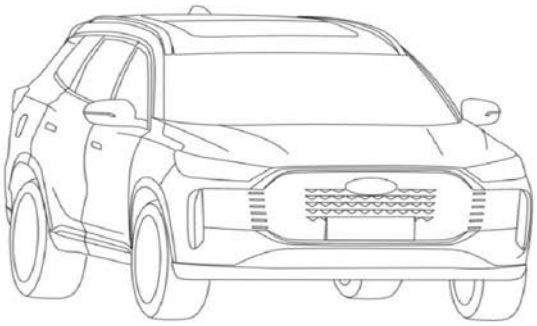


Figure 1

Three-dimensional view

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01630

(21) Application No : AP/D/2024/001933

(22) Filing Date : 23.08.2024

(24) Registration Date: 15/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
IB	DM/237394	16.05.2024

(84) Designated States:
KE TZ UG

(73) Applicant(s)
BEIERSDORF AG, Beiersdorfstrasse 1-9, 22529 Hamburg, Germany

(72) Creators
MÄHLMANN Kurt, Germany
CAU Stéfane, Germany
WIRTH Cristin, Germany

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 09-01

(54) Title
COSMETIC BOTTLE

Figure 1
Three-dimensional view

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01631

(21) Application No : AP/D/2024/001968

(22) Filing Date : 03.12.2024

(24) Registration Date: 15/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2024/00710	19.07.2024

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

(73) Applicant(s)

VECTO TRADE 461 PROPRIETARY LIMITED, Lasher Building, 3 Sigma Road, Industries West, Germiston 1401, Gauteng Province, South Africa

(72) Creators

HALSTED Robert, South Africa

(74) Representative

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 08-03

(54) Title

A BODY FOR A KNIFE

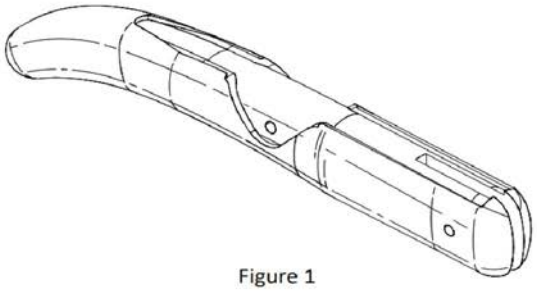


Figure 1

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01632

(21) **Application No :** AP/D/2025/001982

(22) **Filing Date :** 03.02.2025

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	426054-001	07.08.2024

(84) **Designated States:**

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

(73) **Applicant(s)**

AGI GREENPAC LIMITED, 2 Red Cross Place. Kolkata. West Bengal, 700001, India

(72) **Creators**

DHIREN Pati, India
MANOJ Kumar Goel, India
RAMNATHKAR Peeush Ajit, India

(74) **Representative**

ENSafrica Namibia, Namibia

(51) **International Classification :** 09-07

(54) **Title**

PLASTIC CAP FOR A BOTTLE

Figure 1
Front perspective view

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01633

(21) **Application No :** AP/D/2025/001983

(22) **Filing Date :** 04.02.2025

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	437802-001	19.11.2024

(84) **Designated States:**
GH KE MZ NA RW

(73) **Applicant(s)**
CEAT LIMITED, RPG House, 463, Dr. Annie Besant Road, Worli, Mumbai 400 030, India

(72) **Creators**
YADAV Anurag, India

(74) **Representative**
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) **International Classification :** 12-15

(54) **Title**
TYRE

FIG. 1 - FRONT ISOMETRIC VIEW

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01634

(21) **Application No :** AP/D/2025/001989

(22) **Filing Date :** 11.03.2025

(24) **Registration Date:** 15/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
BW LS MZ NA SC SZ ZW

(73) **Applicant(s)**
MCG INDUSTRIES (PTY) LIMITED, No. 2 - 33rd Street, Malvern, Johannesburg, 2094, South Africa

(72) **Creators**
MARKOW Shane, United States of America

(74) **Representative**
Cronjé & Co., Namibia

(51) **International Classification :** 09-04

(54) **Title**
BOTTLE CRATE

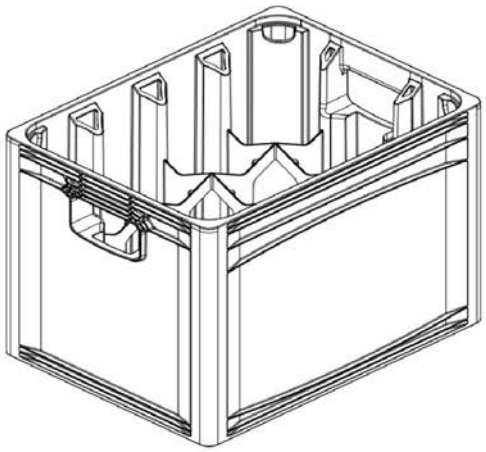


FIG. 1: TOP PERSPECTIVE VIEW

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01635

(21) **Application No :** AP/D/2024/001974

(22) **Filing Date :** 19.12.2024

(24) **Registration Date:** 29/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
MW MZ TZ ZM ZW

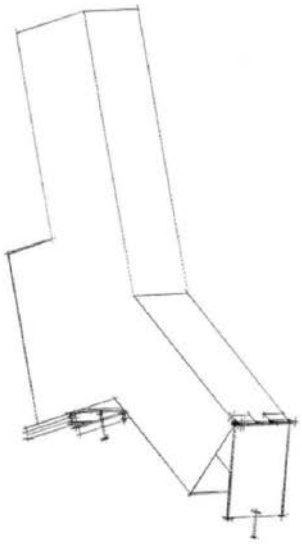
(73) **Applicant(s)**
LARIDAE INVESTMENTS (PRIVATE) LIMITED, Kent Farm, Marondera, Zimbabwe

(72) **Creators**
GOOSEN Dale Quintin, Zimbabwe

(74) **Representative**
COGHLAN, WELSH & GUEST, Zimbabwe

(51) **International Classification :** 23-03

(54) **Title**
FURNACE



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01636

(21) Application No : AP/D/2024/001976

(22) Filing Date : 27.12.2024

(24) Registration Date: 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	202430578488.0	10.09.2024

(84) Designated States:

BW CV GH GM KE LR LS
MW NA RW SC SD SL ST
SZ TZ UG ZM ZW

(73) Applicant(s)

GUANGZHOU EZEA NEW ENERGY TECHNOLOGY CO., LTD, No.4 Nanjiang Third Road, Zhujiang Industrial Park, Zhujiang Street, Nansha District, Guangzhou, Guangdong 511466, China

(72) Creators

LI Gaozhong, United States of America
WEN Jianping, Peoples Republic of China
ZHANG Lian, Peoples Republic of China
et al

(74) Representative

Cronjé & Co., Namibia

(51) International Classification : 12-11

(54) Title

MOTORCYCLE

FIG. 1: PERSPECTIVE VIEW

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01637

(21) Application No : AP/D/2025/001986

(22) Filing Date : 28.02.2025

(24) Registration Date: 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2024/00869	04.09.2024

(84) Designated States:

BW CV GH GM KE LR LS
MW MZ NA RW SC SD SL
ST SZ TZ UG ZM ZW

(73) Applicant(s)

BLISS BRANDS (PTY) LTD, 66 Springbok Road, Longdale, Industria, Johannesburg 2093, Gauteng, South Africa

(72) Creators

BARNES Jarrad, South Africa

(74) Representative

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 09-01

(54) Title

BOTTLES

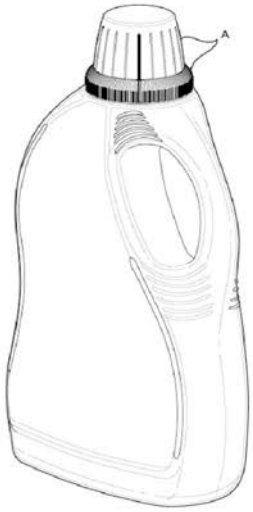


FIG. 1

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01638

(21) **Application No :** AP/D/2025/001987

(22) **Filing Date :** 28.02.2025

(24) **Registration Date:** 29/08/2025

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
KE TZ ZM ZW

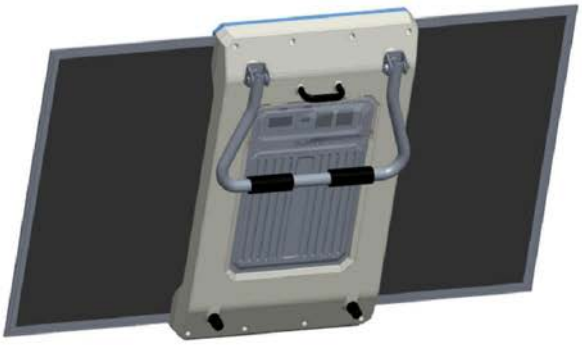
(73) **Applicant(s)**
ZHUZHOU SANY SILICON ENERGY TECHNOLOGY CO., LTD., SANY Silicon Energy Industrial Park, No.333, Qingxia Road, Shifeng District, Zhuzhou, Hunan 412000, China

(72) **Creators**
QING Yanqing, Peoples Republic of China
XIANG Wenbo, Peoples Republic of China
DAI Qinghua, Peoples Republic of China
et al

(74) **Representative**
Cronjé & Co., Namibia

(51) **International Classification :** 13-04

(54) **Title**
DETACHABLE PHOTOVOLTAIC MODULES



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01639

(21) Application No : AP/D/2025/001988

(22) Filing Date : 28.02.2025

(24) Registration Date: 29/08/2025

(30) Priority Data

(33) Country	(31) Number	(32) Date

(84) Designated States:
KE TZ ZM ZW

(73) Applicant(s)
ZHUZHOU SANY SILICON ENERGY TECHNOLOGY CO., LTD., SANY Silicon Energy Industrial Park, No.333, Qingxia Road, Shifeng District, Zhuzhou, Hunan 412000, China

(72) Creators
XIA Yimin, Peoples Republic of China
QING Yanqing, Peoples Republic of China
LIU Songchao, Peoples Republic of China
et al

(74) Representative
Cronjé & Co., Namibia

(51) International Classification : 13-02

(54) Title
POWER BANKS

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01640

(21) **Application No :** AP/D/2025/001990

(22) **Filing Date :** 14.03.2025

(24) **Registration Date:** 29/08/2025

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
CN	2025300374973	20.01.2025

(84) **Designated States:**
KE MW MZ UG ZM ZW

(73) **Applicant(s)**
SUNMART TRADING FZCO, 5WA 219, 5WB 243, Second Floor, 5 West A, 5 West B, Dubai Airport Freezone, Dubai, United Arab Emirates

(72) **Creators**
LUO Jichao, United Arab Emirates

(74) **Representative**
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) **International Classification :** 09-05

(54) **Title**
DIAPER PACKAGE

FIG. 1.7 - PERSPECTIVE VIEW

Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00695	AP/D/2014/000892	31.07.2025	12.08.2026	11th yr
AP/D/00765	AP/D/2014/000898	20.08.2025	20.08.2026	11th yr
AP/D/00907	AP/D/2016/001142	22.08.2025	20.09.2026	9th yr
AP/D/00908	AP/D/2016/001143	22.08.2025	20.09.2026	9th yr
AP/D/00967	AP/D/2017/001211	13.08.2025	14.08.2026	8th yr
AP/D/00974	AP/D/2017/001225	21.08.2025	12.09.2026	8th yr
AP/D/00981	AP/D/2017/001218	15.08.2025	22.08.2026	8th yr
AP/D/00982	AP/D/2017/001221	15.08.2025	22.08.2026	8th yr
AP/D/00984	AP/D/2017/001219	15.08.2025	22.08.2026	8th yr
AP/D/00985	AP/D/2017/001220	15.08.2025	22.08.2026	8th yr
AP/D/01031	AP/D/2018/001281	29.08.2025	02.07.2026	7th yr
AP/D/01107	AP/D/2019/001394	05.08.2025	06.08.2026	6th yr
AP/D/01125	AP/D/2019/001415	22.08.2025	08.10.2026	6th yr
AP/D/01126	AP/D/2019/001416	22.08.2025	08.10.2026	6th yr
AP/D/01188	AP/D/2020/001497	11.08.2025	03.09.2026	5th yr
AP/D/01193	AP/D/2019/001406	21.08.2025	28.08.2026	6th yr
AP/D/01206	AP/D/2020/001495	11.08.2025	01.09.2026	5th yr
AP/D/01271	AP/D/2021/001580	21.08.2025	24.09.2026	4th yr
AP/D/01273	AP/D/2021/001591	28.08.2025	19.11.2026	4th yr
AP/D/01387	AP/D/2022/001704	25.08.2025	23.08.2026	3rd yr
AP/D/01390	AP/D/2022/001713	11.08.2025	30.09.2026	3rd yr
AP/D/01451	AP/D/2023/001790	10.07.2025	17.07.2026	2nd yr
AP/D/01452	AP/D/2023/001792	10.07.2025	17.07.2026	2nd yr
AP/D/01453	AP/D/2023/001791	10.07.2025	17.07.2026	2nd yr
AP/D/01472	AP/D/2023/001819	25.08.2025	25.09.2026	2nd yr
AP/D/01481	AP/D/2023/001817	25.08.2025	25.09.2026	2nd yr
AP/D/01482	AP/D/2023/001818	25.08.2025	25.09.2026	2nd yr
AP/D/01485	AP/D/2023/001789	10.07.2025	17.07.2026	2nd yr
AP/D/01487	AP/D/2023/001811	25.08.2025	25.09.2026	2nd yr
AP/D/01488	AP/D/2023/001812	25.08.2025	25.09.2026	2nd yr
AP/D/01489	AP/D/2023/001813	25.08.2025	25.09.2026	2nd yr
AP/D/01490	AP/D/2023/001814	25.08.2025	25.09.2026	2nd yr
AP/D/01491	AP/D/2023/001815	25.08.2025	25.09.2026	2nd yr
AP/D/01492	AP/D/2023/001816	25.08.2025	25.09.2026	2nd yr
AP/D/01504	AP/D/2023/001803	21.08.2025	08.08.2026	2nd yr
AP/D/01571	AP/D/2024/001927	14.08.2025	14.08.2026	1st yr
AP/D/01572	AP/D/2024/001938	25.08.2025	02.09.2026	1st yr
AP/D/01573	AP/D/2024/001939	25.08.2025	02.09.2026	1st yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/01574	AP/D/2024/001941	11.08.2025	05.09.2026	1st yr
AP/D/01575	AP/D/2024/001945	11.08.2025	18.09.2026	1st yr
AP/D/01583	AP/D/2024/001935	20.08.2025	28.08.2026	1st yr
AP/D/01585	AP/D/2024/001963	15.08.2025	22.10.2026	1st yr
AP/D/01588	AP/D/2024/001964	01.08.2025	29.10.2026	1st yr
AP/D/01596	AP/D/2024/001965	01.08.2025	29.10.2026	1st yr
AP/D/01599	AP/D/2024/001950	11.08.2025	27.09.2026	1st yr
AP/D/01617	AP/D/2024/001942	22.08.2025	12.09.2026	1st yr
AP/D/01618	AP/D/2024/001943	22.08.2025	12.09.2026	1st yr
AP/D/01619	AP/D/2024/001951	22.08.2025	27.09.2026	1st yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR06133/UG	11/05/2022	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	Banana industrial Research and Development Centre (BIRDC) in the of Commercial Drying of Raw Matooke chips
SR07364/MZ	15/05/2025	MZ		ADAMS AND ADAMS MOZAMBIQUE	Equivalent Search in respect of WO 2022/189372 at ARIPO designating Zambia
SR07436/IN	08/07/2025	IN		CLARIVATE	Enquiry about the opposition period for the trademark applications filed through ARIPO in Sao Tome and Principe and extension of deadline
SR07453/SD	23/07/2025	SD		ABDULLAHI Ammar Mohammed Abuzaid	Freedom to Operate (FTO) Patent Searches "Bio E Pneumococcal Conjugate Vaccine (PCV14)"
SR07457/ZW	28/07/2025	ZW	Substantive Examination	SITHOLE Stembile	Insecticides a Base de Cyano-anthranilamide
SR07460/ZW	30/07/2025	ZW		B.W. KAHARI LEGAL PRACTITIONERS	Information regarding Mauritius if it is possible to be designated in an ARIPO Patent Application.
SR07461/AR	30/07/2025	AR	SDI	VAZQUEZ Rose	Information regarding Patent filing and fee schedule
SR07462/NZ	31/07/2025	NZ		McAnearney Tania	Persea Americana Plant Breeders Rights Application
SR07463/TZ	31/07/2025	TZ	SDI	KARIM Hasnain	Request for Detailed Information on Trademark Registration Procedures via ARIPO
SR07468/CM	04/08/2025	CM		BISSAMA Catherine	Request for availability search and trademark registration quotation /requirements in ARIPO
SR07469/ZW	04/08/2025	ZW	SDI	WEBS	Information regarding Patent Filing
SR07470/TZ	05/08/2025	TZ		UNITED TRADEMARK & PATENT SERVICE LIMITED	Question if it is possible to extend the period of filing amendment.
SR07473/UG	05/08/2025	UG		D.K. MAKUBUYA ADVOCATES	Trademark search in the name ELEPHANT WAY & design in class 35
SR07475/ZW	07/08/2025	ZW		AT MUZA ATTORNEYS	Trademark search in the name of DUNE in classes 2 and 35.
SR07476/NA	08/08/2025	NA		Cronjé & Co.	Trademark availability search
SR07477/KE	08/08/2025	KE	Information about ARIPO	KARUGA Kelvin Mwaura	Requirements for listing as an IP agent
SR07478/ZW	08/08/2025	ZW		SAIDI LAW FIRM	Trade mark availability search for 'PODS PHARMA'
SR07481/ZW	14/08/2025	ZW		COGHLAN, WELSH & GUEST	Trademark search for Ecobank symbol
SR07482/MW	15/08/2025	MW	SDI	Sunbird Tourism Plc	Name Search "SUNBIRD"
SR07484/IN	19/08/2025	IN		CLARIVATE	Clarification on Renewal Fee Framework Following Mauritius' Accession to the Harare Protocol
SR07485/MX	25/08/2025	MX		RENDON Alfredo	Information regarding certification mark framework as a protected geographical indication
SR07486/SL	25/08/2025	SL	SDI	FOFANAH Ibrahim	Request for Guidance on Patent Filing Application at ARIPO
SR07487/TZ	26/08/2025	TZ		NEXTMARK ATTORNEYS	Trade mark availability search for 'CALME'

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR07488/ZW	26/08/2025	ZW		NDIPO Shelly	Trademark search - "Shield Cover"

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