

ARIPO JOURNAL

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PERMANENT NOTICES

Lusaka Agreement

The African Regional Intellectual Property Organization (ARIPO) was established by the Lusaka Agreement which was adopted on 9 December, 1976. 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 the Harare Protocol or the Swakopmund Protocol. Currently, Member States of ARIPO are those shown in the table on the right.

Harare Protocol

The Harare Protocol on Patents 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

On 9 August 2010, ARIPO Member States adopted a third ARIPO protocol called the Swakopmund Protocol on the Protection of Traditional Knowledge and Expressions of Folklore. This protocol came into force on 11 May 2015.

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.

The Protocol will enter into force when four States have deposited their instruments of ratification or accession. The Protocol will provide Member States with a regional plant variety protection system that recognizes the need to provide growers and farmers with improved varieties of plants in order to ensure sustainable agricultural production.

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	
eSwatini	17.12.1987	17.03.1988	06.03.1997		
The Gambia	15.02.1978	16.01.1986		11.02.2015	
Ghana	15.02.1978	25.04.1984			
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	
Mozambique	08.02.2000	08.05.2000			
Namibia	14.10.2003	23.04.2004	14.01.2004	11.02.2015	
Rwanda	24.06.2011	24.09.2011		16.07.2012	
Sào Tomé and Príncipe	19.05.2014	19.08.2014	27.11.15		
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:
Reception, 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.

Facsimile:
+263 (242) 794072.

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
(731)	Applicant's name
(740)	Representative's name

Code	Interpretation
(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
BE	Belgium
BW	Botswana
DE	Germany
EP	European Pantent Office
FR	France
GB	United Kingdom
GH	Ghana
GM	The Gambia
IN	India
IT	Italy
JP	Japan
KE	Kenya
LR	Liberia

Code	Country / Organization
LS	Lesotho
MA	Morocco
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NL	Netherlands
RW	Rwanda
SD	Sudan
SG	Singapore
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania

Code	Country / Organization
UG	Uganda
US	United Sates of America
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2019/003759
(220) 02.05.2019
(511) Int. Cl. 35: BW, MW, NA, TZ, UG, ZW
(731) ETC Group
(740) GALLOWAY & COMPANY
(814) BW, MW, NA, TZ, UG, ZW

(540)

ETG

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(210) AP/M/2019/003760
(220) 07.05.2019
(511) Int. Cl. 29 and 30: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) SOPH'S CHICKEN P/L t/a CHICKEN HUT
(740) SOPH'S CHICKEN P/L t/a CHICKEN HUT
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540)



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(210) AP/M/2019/003761
(220) 10.05.2019
(511) Int. Cl. 29: BW, LS, MW, NA, SZ, TZ, ZW
(731) CATERSERVE NAMIBIA CC
(740) Cronjé & Co.
(814) BW, LS, MW, NA, SZ, TZ, ZW

(540)

Crystal Gold

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(210) AP/M/2019/003762
(220) 07.05.2019
(511) Int. Cl. 29 and 30: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) SOPH'S CHICKEN (PVT) LTD t/a CHICKEN HUT
(740) SOPH'S CHICKEN (PVT) LTD t/a CHICKEN HUT
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540)

CHICKEN-HUT
PORTUGUESE BAR-B-Q SHOP

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(210) AP/M/2019/003763
(220) 10.05.2019
(511) Int. Cl. 9, 35 and 42: LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) ODOO S.A.
(740) HONEY & BLANCKENBERG
(814) LR, LS, NA, ST, SZ, TZ, UG, ZW

(540) ODOO

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(210) AP/M/2019/003764
(220) 10.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) 1960 UNITED AFRICA INVESTMENTS LTD.
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

(540)

SINCE 1960
UNITED AFRICA

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(210) AP/M/2019/003765
(220) 09.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) MOVIT PRODUCTS LIMITED
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

(540)

TROPICAL essence

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(210) AP/M/2019/003766
(220) 09.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) MOVIT PRODUCTS LIMITED
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

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Trendy Kidz

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(210) AP/M/2019/003768
(220) 09.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) MOVIT PRODUCTS LIMITED
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

(540)

Radiant
Look good. Feel great.

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(210) AP/M/2019/003769
(220) 09.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) MOVIT PRODUCTS LIMITED
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

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(210) AP/M/2019/003770
(220) 09.05.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, ZW
(731) MOVIT PRODUCTS LIMITED
(740) MURUNGI KAIRU & CO ADVOCATES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, ZW

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movit
All day confidence!

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(210) AP/M/2019/003771
(220) 13.05.2019
(511) Int. Cl. 30: BW, MW
(731) Cairns Foods Limited
(740) MAWERE AND SIBANDA LEGAL PRACTITIONERS
(814) BW, MW

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Willards

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003772
(220) 13.05.2019
(511) Int. Cl. 30: MW
(731) Cairns Foods Limited
(740) MAWERESIBANDA COMMERCIAL LAWYERS
(814) MW

(540) **W i l l a r d s**

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(210) AP/M/2019/003773
(220) 14.05.2019
(511) Int. Cl. 9: ZW
(731) MASWELA Baron
(740) MASWELA Baron
(814) ZW

(540) **Monovine**

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(210) AP/M/2019/003774
(220) 16.05.2019
(511) Int. Cl. 19: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) T S RAI LIMITED
(740) ABM ADVOCATES
(814) BW, LR, LS, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003775
(220) 20.05.2019
(511) Int. Cl. 43: BW, ZW
(731) EMABASS INVESTMENTS (PRIVATE) LIMITED
(740) KIM HELEN MANLEY
(814) BW, ZW

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(210) AP/M/2019/003776
(220) 21.05.2019
(511) Int. Cl. 16: BW, LR, LS, MW, NA, SZ, TZ, ZW
(731) VISION IMPEX LIMITED
(740) ATHERSTONE AND COOK LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, ZW

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(210) AP/M/2019/003777
(220) 20.05.2019
(511) Int. Cl. 3: ZW
(731) SAJID YOUNUS PATEL
(740) SAJID YOUNUS PATEL
(814) ZW

(540) **Mighty Muscle**

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(210) AP/M/2019/003778
(220) 22.05.2019
(511) Int. Cl. 3, 18 and 25: ZW
(731) VITADALE ENTERPRISES (PRIVATE) LIMITED
(740) SHOKO Nyaradzai
(814) ZW

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(210) AP/M/2019/003779
(220) 17.05.2019
(511) Int. Cl. 5: BW, LS, NA, SZ
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) BW, LS, NA, SZ

(540) **AMLOVAL**

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(210) AP/M/2019/003780
(220) 23.05.2019
(511) Int. Cl. 24: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Kreol Trading FZCO
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) **Couleurs de l'Afrique**

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(210) AP/M/2019/003781
(220) 23.05.2019
(511) Int. Cl. 5: TZ, UG
(731) DENK PHARMA GmbH & CO. KG
(740) COWLEY INCORPORATED
(814) TZ, UG

(540) **DOLOCOX-DENK**

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(210) AP/M/2019/003782
(220) 23.05.2019
(511) Int. Cl. 12 and 37: BW, LS, MW, NA
(731) ASSOCIATED TYRES ZIMBABWE
(740) WINTERTONS LEGAL PRACTITIONERS
(814) BW, LS, MW, NA

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(210) AP/M/2019/003783
(220) 23.05.2019
(511) Int. Cl. 36: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACCESS FINANCE INTERNATIONAL
(740) WINTERTONS LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003784
(220) 23.05.2019
(511) Int. Cl. 12 and 37: BW, LS, MW, NA
(731) ASSOCIATED TYRES ZIMBABWE
(740) WINTERTONS LEGAL PRACTITIONERS
(814) BW, LS, MW, NA

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(210) AP/M/2019/003785
(220) 27.05.2019
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) F. HOFFMANN-LA ROCHE AG
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **ROZLYTREK**

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003786
(220) 27.05.2019
(511) Int. Cl. 35, 36 and 41: TZ
(731) Godert H.A. Baron van Lawick
(740) *To be advised.*
(814) TZ

(540) **HUGO VAN LAWICK**

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(210) AP/M/2019/003787
(220) 30.05.2019
(511) Int. Cl. 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003788
(220) 30.05.2019
(511) Int. Cl. 16, 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003789
(220) 30.05.2019
(511) Int. Cl. 16, 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003790
(220) 30.05.2019
(511) Int. Cl. 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003791
(220) 30.05.2019
(511) Int. Cl. 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003792
(220) 30.05.2019
(511) Int. Cl. 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ACACIA FOOD AND BEVERAGES LIMITED
(740) Becky and Tsilo Agency Private Business Corporation
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003793
(220) 31.05.2019
(511) Int. Cl. 45: LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) IGREJA PENTECOSTAL DEUS É AMOR
(740) Aristides Xavier Afonso de Barros
(814) LR, LS, MW, NA, SZ, TZ, UG, ZW

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Mark Applications Abandoned

(210) AP/M/2017/002904
(220) 21.03.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) GOLDWING (PROPRIETARY) LIMITED T/A CELL CITY
(740) MAWERESIBANDA COMMERCIAL LAWYERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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Marks Pending Registration

(210) AP/M/2016/002723
(220) 04.08.2016
(511) Int. Cl. 35 and 41: ZW
(731) Supreme Committee for Delivery & Legacy
(740) B MATANGA IP ATTORNEYS
(814) ZW

(540) تحدي ٢٢ Challenge 22

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(210) AP/M/2017/003085
(220) 16.09.2017
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MILBORROW ANIMAL HEALTH (ZIMBABWE) (PRIVATE) LIMITED
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **AVI-**

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(210) AP/M/2018/003280
(220) 19.02.2018
(511) Int. Cl. 9, 38 and 42: BW, LR, LS, MW, SZ, TZ, UG
(511) Int. Cl. 35 and 41: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Beijing Sogou Technology Development Co., Ltd.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, SZ, TZ, UG

(540) Sogo

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(210) AP/M/2018/003281
(220) 19.02.2018
(511) Int. Cl. 9, 38 and 42: BW, LR, LS, MW, SZ, TZ, UG, ZW
(511) Int. Cl. 35 and 41: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Beijing Sogou Technology Development Co., Ltd.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, SZ, TZ, UG, ZW

(540) Sogou 搜狗

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(210) AP/M/2018/003340
(220) 30.04.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(511) Int. Cl. 35 and 42: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 36 and 45: BW, LR, LS, NA, ST, SZ, TZ, UG
(731) Element AI Inc.
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

(540) **ELEMENT A1**

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(210) AP/M/2018/003356
(220) 15.05.2018
(511) Int. Cl. 16: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JIT LABELS
(740) JIT LABELS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) JIT

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(210) AP/M/2018/003403
(220) 22.06.2018
(511) Int. Cl. 35: BW
(731) UMONGO PETROLEUM (PTY) LIMITED
(740) ENSafrica Namibia
(814) BW

(540) **UMONGO**

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(210) AP/M/2018/003418
(220) 02.07.2018
(511) Int. Cl. 2: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(731) RAR Resin & Chemical Industries DMCC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

(540) RITVER PAINTS & COATINGS where paints come to life

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(210) AP/M/2018/003419
(220) 02.07.2018
(511) Int. Cl. 30: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) IDEALISM INDUSTRIES FZE
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) الفاخر AL FAKHER

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(210) AP/M/2018/003430
(220) 11.07.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BEST TOBACCO COMPANY (PROPRIETARY) LIMITED
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) CAESAR

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(210) AP/M/2018/003435
(220) 10.07.2018
(511) Int. Cl. 25, 35 and 43: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) CORPORACION HABANOS, S.A.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Habanos Point

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Marks Pending Registration (Contd.)

(210) AP/M/2018/003436
(220) 10.07.2018
(511) Int. Cl. 25, 35 and 43: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) CORPORACION HABANOS, S.A.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003441
(220) 18.07.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(731) GOLDWING (PROPRIETARY) LIMITED
(740) MAWERESIBANDA COMMERCIAL LAWYERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

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(210) AP/M/2018/003443
(220) 19.07.2018
(511) Int. Cl. 41: ZW
(731) TAPFUMA Dominic
(740) PHIRI Nobert Musa
(814) ZW

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(210) AP/M/2018/003448
(220) 24.07.2018
(511) Int. Cl. 29 and 30: MW, ZW
(731) Pure Oil Industries Private Ltd.
(740) HUSSEIN RANCHHOD & CO
(814) MW, ZW

(540) **PUREGOLD**

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Marks Registered

(111) AP/M/2015/002480
(151) 22.05.2019
(220) 10.09.2015
(511) Int. Cl. 41: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) AFRIMA AWARDS LIMITED
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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(111) AP/M/2015/002513
(151) 28.05.2019
(220) 04.11.2015
(511) Int. Cl. 32: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Font Salem, S.L.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) **BRIZO**

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(111) AP/M/2015/002534
(151) 13.05.2019
(220) 19.11.2015
(511) Int. Cl. 30 and 32: LR
(731) BAKHRESA INTERNATIONAL LIMITED
(740) LEXGLOBE LLP
(814) LR

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(111) AP/M/2016/002697
(151) 20.05.2019
(220) 17.06.2016
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Lasko Operation Holdings, LLC
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **LASKO**

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(111) AP/M/2016/002772
(151) 13.05.2019
(220) 26.09.2016
(511) Int. Cl. 10: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MEDICINES360
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **AVIBELA**

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(111) AP/M/2017/003007
(151) 20.05.2019
(220) 31.07.2017
(511) Int. Cl. 25: MW, UG
(731) EPO FASHION CO., LTD.
(740) LEXGLOBE LLP
(814) MW, UG

(540) MO&Co.

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(111) AP/M/2017/003185
(151) 13.05.2019
(220) 06.11.2017
(511) Int. Cl. 32 and 35: ZW
(731) Probottlers (Private) Limited, a Zimbabwean company
(740) GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS
(814) ZW

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(111) AP/M/2017/003214
(151) 20.05.2019
(220) 06.12.2017
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MLS Co., LTD.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) MLS

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Marks Registered (Contd.)

(111) AP/M/2017/003220
(151) 22.05.2019
(220) 12.12.2017
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BMJ Industries FZ-LLC
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) MAXICO

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(111) AP/M/2017/003221
(151) 31.05.2019
(220) 13.12.2017
(511) Int. Cl. 9 and 36: ZW
(731) EL ESCROW INTERNATIONAL
(740) ESCROW SYSTEMS (PRIVATE) LIMITED
(814) ZW

(540) C-PAY Powered by Escrow Systems

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(111) AP/M/2017/003222
(151) 31.05.2019
(220) 13.12.2017
(511) Int. Cl. 9 and 36: ZW
(731) EL ESCROW INTERNATIONAL
(740) ESCROW SYSTEMS (PRIVATE) LIMITED
(814) ZW

(540) C-TRADE Powered by Escrow Systems

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(111) AP/M/2017/003223
(151) 22.05.2019
(220) 13.12.2017
(511) Int. Cl. 9, 35 and 36: ZW
(731) EL ESCROW INTERNATIONAL
(740) ESCROW SYSTEMS (PRIVATE) LIMITED
(814) ZW

(540) C-REG Powered by Escrow Systems

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(111) AP/M/2017/003225
(151) 20.05.2019
(220) 15.12.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 37: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) Tesla, Inc., a corporation organised and existing under the laws of the state of Delaware
(740) GILL, GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540)

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(111) AP/M/2018/003238
(151) 09.05.2019
(220) 03.01.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BMJ Industries FZ-LLC
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) OSCAR

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(111) AP/M/2018/003245
(151) 13.05.2019
(220) 09.01.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BMJ INDUSTRIES FZ-LLC
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Super GRAND

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/2009/000834	01.04.2019	26.08.2029	10th yr
AP/M/2009/000855	10.05.2019	09.10.2029	10th yr

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Patent Applications Filed

(21) AP/P/2019/011528
(22) 17.11.2016
(23) 02.05.2019
(31) PI 2016704124
(32) 09.11.2016 (33) MY
(51) **E03B 5/00 (2006.01)**
B63B 35/44 (2006.01)
F04B 43/10 (2006.01)
F04B 43/06 (2006.01)
B63B 35/00 (2006.01)
(54) ASSEMBLY AND SYSTEM FOR PUMPING A VOLUME OF FLUID THROUGH A BODY OF WATER
(74) FISHER, CORMACK & BOTHA
(75) S.RATNAM Sri Skanda Rajah
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 17.11.2016 PCT/MY2016/050077
(96) 17.11.2016 AP/P/2019/011528

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(21) AP/P/2019/011529
(22) 27.09.2017
(23) 02.05.2019
(31) 62/403,546
(32) 03.10.2016 (33) US
(51) **G06Q 40/06 (2012.01)**
G06Q 30/08 (2012.01)
G06Q 40/04 (2012.01)
(54) SYSTEM AND METHOD FOR REVERSE SEALED BID AUCTIONS
(71) OPERR TECHNOLOGIES, INC.
(72) WANG Kevin Sunlin
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 27.09.2017 PCT/US2017/053772
(96) 27.09.2017 AP/P/2019/011529

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(21) AP/P/2019/011530
(22) 02.05.2019
(23) 02.05.2019
(31) 1816030.9
(32) 01.10.2018 (33) GB
(31) 1906074.8
(32) 30.04.2019 (33) GB
(31) 319/2018
(32) 03.05.2018 (33) PK
(51) **B01D 63/02 (2015.01)**
B01D 2325/48 (2015.01)
B01D 2201/088 (2015.01)
B01D 69/02 (2015.01)
B32B 27/08 (2015.01)
(54) HOLLOW FIBER MEMBRANE FOR FILTRATION OF LIQUIDS
(71) Pak Vitae (Private) Limited
(72) TANVEER Hafiz Usama, AHMED Arslan and SOHAIL Shayan
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 02.05.2019 AP/P/2019/011530

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(21) AP/P/2019/011531
(22) 18.10.2017
(23) 02.05.2019
(31) 62/409,765
(32) 18.10.2016 (33) US
(51) **A61K 47/68 (2017.01)**
(54) TARGETED DELIVERY OF NICOTINAMIDE ADENINE DINUCLEOTIDE SALVAGE PATHWAY INHIBITORS
(71) Seattle Genetics, Inc.
(72) OLIVAS Kathleen and NEUMANN Christopher Scott
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 18.10.2017 PCT/US2017/057116
(96) 18.10.2017 AP/P/2019/011531

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(21) AP/P/2019/011532
(22) 01.05.2015
(23) 03.05.2019
(31) 14/268,101
(32) 02.05.2014 (33) US
(51) **B07B 1/46 (2006.01)**
(54) INJECTION MOLDED SCREENING APPARATUSES AND METHODS
(71) Derrick Corporation
(72) WOJCIECHOWSKI Keith F
(74) FISHER CORMACK & BOTHA
(84) TZ, UG
(86) 01.05.2015 PCT/US2015/028737
(96) 01.05.2015 AP/P/2019/011532

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(21) AP/P/2019/011533
(22) 25.11.2016
(23) 03.05.2019
(31) 201641034550
(32) 07.10.2016 (33) IN
(51) **B28C 7/04 (2006.01)**
B28C 7/06 (2006.01)
B28C 9/00 (2006.01)
(54) A CONCRETE BATCHING PLANT HAVING REDUCED CYCLE TIME AND REDUCED INSTALLATION AND DISMANTLING TIME
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) BHAT Adde Jagadish
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 25.11.2016 PCT/IN2016/050420
(96) 25.11.2016 AP/P/2019/011533

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(21) AP/P/2019/011534
(22) 13.10.2017
(23) 06.05.2019
(31) 62/527,159
(32) 30.06.2017 (33) US
(31) 62/452,506
(32) 31.01.2017 (33) US
(31) 62/408,356
(32) 14.10.2016 (33) US
(51) **A61K 38/00 (2006.01)**
C12N 9/22 (2006.01)
(54) ENGINEERED MEGANUCLEASES SPECIFIC FOR RECOGNITION SEQUENCES IN THE HEPATITIS B VIRUS GENOME
(71) Precision BioSciences, Inc.
(72) SMITH James Jefferson and JANTZ Derek
(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
(86) 13.10.2017 PCT/US2017/056638
(96) 13.10.2017 AP/P/2019/011534

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(21) AP/P/2019/011535
(22) 02.11.2017
(23) 06.05.2019
(31) 2017701
(32) 02.11.2016 (33) NL
(51) **A01G 5/06 (2006.01)**
B65D 85/50 (2006.01)
B65D 65/40 (2006.01)
(54) PACKAGING AND PACKAGING METHOD
(71) OVERWATER HOLDING B.V. and ABF TECHNOLOGY DWC-LLC
(72) OVERWATER Johannes Hendrikus Maria
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 02.11.2017 PCT/NL2017/050708
(96) 02.11.2017 AP/P/2019/011535

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Patent Applications Filed (Contd.)

(21) AP/P/2019/011536
(22) 11.07.2017
(23) 06.05.2019
(31) PCT/EP2016/074307
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074297
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074311
(32) 11.10.2016 (33) EP
(51) **G06F 21/12 (2013.01)**
H03M 7/30 (2006.01)
G06F 19/18 (2011.01)
G06F 19/20 (2011.01)
G06F 19/22 (2011.01)
(54) METHOD AND APPARATUS FOR THE ACCESS TO BIOINFORMATICS DATA STRUCTURED IN ACCESS UNITS
(71) GENOMSYS SA
(72) RENZI Daniele, ZOIA Giorgio, ALBERTI Claudio, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.07.2017 PCT/US2017/041579
(96) 11.07.2017 AP/P/2019/011536

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(21) AP/P/2019/011537
(22) 11.07.2017
(23) 06.05.2019
(31) PCT/EP2016/074311
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074297
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074307
(32) 11.10.2016 (33) EP
(51) **G06F 19/26 (2011.01)**
G06F 19/22 (2011.01)
C40B 50/02 (2006.01)
(54) METHOD AND SYSTEMS FOR THE REPRESENTATION AND PROCESSING OF BIOINFORMATICS DATA USING REFERENCE SEQUENCES
(71) GENOMSYS SA
(72) RENZI Daniele, ZOIA Giorgio, ALBERTI Claudio, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.07.2017 PCT/US2017/041591
(96) 11.07.2017 AP/P/2019/011537

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(21) AP/P/2019/011538
(22) 11.07.2017
(23) 06.05.2019
(31) PCT/EP2016/074307
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074297
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074301
(32) 11.10.2016 (33) EP
(51) **G06F 19/28 (2011.01)**
G06F 3/048 (2013.01)
G06F 9/46 (2006.01)
G06F 17/30 (2006.01)
G06F 19/00 (2011.01)
G06F 3/00 (2006.01)
(54) METHOD AND SYSTEMS FOR THE INDEXING OF BIOINFORMATICS DATA
(71) GENOMSYS SA
(72) RENZI Daniele, ZOIA Giorgio, ALBERTI Claudio, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.07.2017 PCT/US2017/041585
(96) 11.07.2017 AP/P/2019/011538

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(21) AP/P/2019/011539
(22) 14.02.2017
(23) 06.05.2019
(31) PCT/EP2016/074297
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074311
(32) 11.10.2016 (33) EP
(31) PCT/EP2016/074301
(32) 11.10.2016 (33) EP
(51) **G06F 17/30 (2006.01)**
G06F 19/00 (2011.01)
(54) METHOD AND SYSTEM FOR SELECTIVE ACCESS OF STORED OR TRANSMITTED BIOINFORMATICS DATA
(71) GENOMSYS SA
(72) RENZI Daniele, ZOIA Giorgio and BALUCH Mohamed Khoso
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 14.02.2017 PCT/US2017/017841
(96) 14.02.2017 AP/P/2019/011539

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(21) AP/P/2019/011540
(22) 01.09.2017
(23) 07.05.2019
(31) 2016-199813
(32) 11.10.2016 (33) JP
(51) **F16K 27/04 (2006.01)**
F16K 27/10 (2006.01)
F16K 27/00 (2006.01)
(54) GATE VALVE STRUCTURE AND PRODUCTION METHOD THEREFOR
(71) TIX-IKS Corporation
(72) SHINBO Susumu
(74) FISHER, CORMACK & BOTHA
(84) KE
(86) 01.09.2017 PCT/JP2017/031626
(96) 01.09.2017 AP/P/2019/011540

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(21) AP/P/2019/011541
(22) 07.05.2019
(23) 07.05.2019
(51) **G08G 1/123 (2015.01)**
G08G 1/09 (2015.01)
G06Q 50/30 (2015.01)
G06Q 10/02 (2015.01)
G06Q 10/06 (2015.01)
G06Q 10/08 (2015.01)
H04L 67/00 (2015.01)
H04W 12/06 (2015.01)
(54) A METHOD FOR VERIFYING PERMISSION FOR TRANSPORT OF A PASSENGER, AND AN ASSOCIATED VERIFICATION SYSTEM
(71) MINEX 360 SERVICES LIMITED
(72) NATIE Frank Domanaangmen
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 07.05.2019 AP/P/2019/011541

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(21) AP/P/2019/011542
(22) 12.02.2016
(23) 07.05.2019
(51) **G08B 23/00 (2006.01)**
E02F 3/00 (2006.01)
E02F 9/26 (2006.01)
(54) MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT
(71) ESCO GROUP LLC
(72) BETOURNAY Jason W, LANDER Javier, ZUENDEL Karsten D, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 12.02.2016 PCT/US2016/017896
(96) 12.02.2016 AP/P/2019/011542

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(21) AP/P/2019/011543
(22) 12.02.2016
(23) 07.05.2019
(31) US 62/198,552
(32) 29.07.2015 (33) US
(31) US 62/234,463
(32) 29.09.2015 (33) US
(31) 62/175,109
(32) 12.06.2015 (33) US
(31) 62/151,124
(32) 22.04.2015 (33) US
(31) 62/116,216
(32) 13.02.2015 (33) US
(51) **E02F 3/00 (2006.01)**
G08B 23/00 (2006.01)
E02F 9/26 (2006.01)
(54) MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT

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Patent Applications Filed (Contd.)

(71) ESCO GROUP LLC
(72) CARPENTER Christopher M, BETOURNAY Jason W, LANDER Javier, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 12.02.2016 PCT/US2016/017896
(96) 12.02.2016 AP/P/2019/011543

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(21) AP/P/2019/011544
(22) 12.02.2016
(23) 07.05.2019
(51) **E02F 3/00 (2006.01)**
E02F 9/26 (2006.01)
G08B 23/00 (2006.01)
(54) MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT
(71) ESCO GROUP LLC
(72) BETOURNAY Jason W, LANDER Javier, HYDE Steven D, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 12.02.2016 PCT/US2016/017896
(96) 12.02.2016 AP/P/2019/011544

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(21) AP/P/2019/011545
(22) 09.10.2017
(23) 08.05.2019
(31) 1617176.1
(32) 10.10.2016 (33) GB
(51) **B65D 51/18 (2006.01)**
B65D 55/02 (2006.01)
B65D 41/34 (2006.01)
B65D 49/02 (2006.01)
B65D 55/06 (2006.01)
B65D 41/62 (2006.01)
(54) IMPROVEMENTS IN OR RELATING TO CLOSURES
(71) Obrist Closures Switzerland Gmbh
(72) ANTONELLI Marco
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 09.10.2017 PCT/EP2017/075687
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(32) 10.10.2016 (33) US
(51) **A01N 37/18 (2006.01)**
C07K 15/82 (2006.01)
A01H 1/00 (2006.01)
C07K 1/107 (2006.01)
C07K 14/325 (2006.01)
(54) NOVEL INSECT INHIBITORY PROTEINS
(71) MONSANTO TECHNOLOGY LLC
(72) KESANAPALLI Uma, HOWE Arlene R., CHAY Catherine A, et al
(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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(51) **B61L 1/18 (2006.01)**
B61L 3/24 (2006.01)
(54) SYSTEMS AND METHODS FOR COMMUNICATING VIA A TRACK WITH AN INDUSTRIAL CART
(71) GROW SOLUTIONS TECH LLC
(72) MILLAR Gary Bret
(74) GALLOWAY & COMPANY
(84) KE, MW
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(31) MX/a/2016/014775
(32) 11.11.2016 (33) MX
(51) **A61P1/16 (2015.01)**
A61K31/4418 (2015.01)
A61K9/20 (2015.01)
(54) PHARMACEUTICAL USE OF A COMPOSITION CONTAINING PIRFENIDONE OF EXTENDED-RELEASE FOR TREATMENT AND REVERSAL OF HUMAN STEATOHEPATITIS (NAFLD/NASH)
(71) CELL THERAPY AND TECHNOLOGY S. A. DE C. V.
(72) HERNANDEZ ALDANA Nadiel, MAGANA CASTRO José Agustsn Rogelio and ARMENDARIZ BORUNDA Juan Socorro
(74) HUSSEIN RANCHHOD & CO
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(86) 09.11.2017 PCT/MX2017/000129
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(51) **H04L 9/08 (2006.01)**
(54) PROTECTIONS FOR UNAUTHORIZED COPYING (ANTI-CLONING) METHOD AND SYSTEM
(71) Permanent Privacy Ltd.
(72) YUEN Pak Kay
(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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(51) **G06F 19/22 (2011.01)**
G06F 19/28 (2011.01)
(54) EFFICIENT DATA STRUCTURES FOR BIOINFORMATICS INFORMATION REPRESENTATION
(71) GENOMSYS SA
(72) ZOYA Giorgio and RENZI Daniele
(74) INVENTA MOZAMBIQUE, LDA.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(22) 11.10.2016
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(51) **G06F 19/28 (2011.01)**
(54) METHOD AND SYSTEM FOR THE TRANSMISSION OF BIOINFORMATICS DATA
(71) GENOMSYS SA
(72) ZOIA Giorgio and RENZI Daniele
(74) INVENTA MOZAMBIQUE, LDA.
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(51) **G06F 19/28 (2011.01)**
G06F 19/22 (2011.01)
(54) METHOD AND APPARATUS FOR COMPACT REPRESENTATION OF BIOINFORMATICS DATA
(71) GENOMSYS SA
(72) RENZI Daniele and ZOIA Giorgio
(74) INVENTA MOZAMBIQUE, LDA.
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(51) **A61P 7/00 (2006.01)**
A61K 45/00 (2006.01)
A61K 48/00 (2006.01)
A61K 31/7105 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
(54) METHODS FOR REDUCING PROTEINURIA IN A HUMAN SUBJECT SUFFERING FROM IMMUNOGLOBULIN A NEPHROPATHY
(71) OMEROS CORPORATION and UNIVERSITY OF LEICESTER
(72) SCHWAEBLE Hans-Wilhelm, DUDLER Tom, DEMOPULOS Gregory A, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(32) 23.05.2018 (33) US
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(32) 14.06.2017 (33) US
(51) **A01G 31/04 (2006.01)**
G06Q 50/02 (2012.01)
(54) SYSTEMS AND METHODS FOR OPERATING A GROW POD
(71) GROW SOLUTIONS TECH LLC
(72) TUELLER John David, TUELLER Todd Garrett, STOTT Mark Gerald, et al
(74) GALLOWAY & COMPANY
(84) KE, MW
(86) 24.05.2018 PCT/US2018/034324
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(51) **A61P 35/00 (2006.01)**
A61K 31/56 (2006.01)
A61K 31/216 (2006.01)
A61K 31/575 (2006.01)
A61K 45/06 (2006.01)
A61K 31/11 (2006.01)
A61K 31/12 (2006.01)
A61K 31/015 (2006.01)
A61K 31/045 (2006.01)
(54) PHARMACEUTICAL COMPOSITION FOR USE IN THE THERAPEUTIC TREATMENT OF CANCER AND COMPLICATIONS OF CANCER
(74) PALLADIUM STRATEGY & IP CONSULTANTS
(75) MONKAM NITCHEU Guy Faustin
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(32) 31.10.2018 (33) MZ
(51) **A01D 43/10 (2015.01)**
A01G 23/093 (2015.01)
A01D 69/00 (2015.01)
A01D 43/10 (2015.01)
A01D 43/00 (2015.01)
A01D 42/00 (2015.01)
A01G 3/04 (2015.01)
A01D 34/835 (2015.01)
A01D 34/03 (2015.01)
(54) ECOTRITURING DEVICE INTRODUCED IN AGRICULTURAL MACHINES
(71) Agrotritus - Locacao e Comercio de Maquinas, Ltda
(72) RIBEIRO Manuel Pina Cabrita da Silva
(74) AIDA Salvador Maulate
(84) BW, KE, MW, NA, TZ, ZM, ZW
(96) 09.05.2019 AP/P/2019/011556

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(51) **G06F 19/28 (2011.01)**
G06F 19/22 (2011.01)
(54) METHOD AND SYSTEM FOR STORING AND ACCESSING BIOINFORMATICS DATA
(71) GENOMSYS SA
(72) RENZI Daniele and ZOIA Giorgio
(74) INVENTA MOZAMBIQUE, LDA.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.10.2016 PCT/EP2016/074301
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(32) 21.11.2016 (33) US
(51) **B65D 19/38 (2006.01)**
B65D 19/00 (2006.01)
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(71) CHEP TECHNOLOGY PTY LIMITED
(72) D'EMIDIO Brandon Michael, BROCKMEIER Oivind, LANTZ Daniel J, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(32) 20.10.2016 (33) JP
(51) **H04L 27/26 (2006.01)**
H04W 72/12 (2009.01)
H04W 72/04 (2009.01)
H03M 13/27 (2006.01)
(54) TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD
(71) FG Innovation Company Limited and Sharp Kabushiki Kaisha
(72) IMAMURA Kimihiko, LIU Liqing, OUCHI Wataru, et al
(74) FISHER CORMACK & BOTHA
(84) GH, GM, KE, LR, LS, MW, MZ, RW, SD, TZ, UG, ZW
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(23) 13.05.2019
(31) 2016-224886
(32) 18.11.2016 (33) JP
(51) **H04W 72/04 (2009.01)**
H04W 74/08 (2009.01)
H04W 36/08 (2009.01)
(54) TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT
(71) FG Innovation Company Limited and Sharp Kabushiki Kaisha
(72) IMAMURA Kimihiko, LIU Liqing, YOSHIMURA Tomoki, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, SL, SZ, TZ, UG, ZM
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(32) 21.10.2016 (33) BE
(51) **E04B 2/96 (2006.01)**
E04B 2/88 (2006.01)
E06B 3/54 (2006.01)
(54) CURTAIN WALL WITH A WALL ELEMENT WITH A FRAME WITH A COMPARTMENT FOR A WING OR THE LIKE AND METHOD FOR REPLACING AN INFILL ELEMENT IN A CURTAIN WALL
(74) FISHER, CORMACK & BOTHA
(75) CLAEYS Stephanie Catharina R, CLAEYS Nausikaä Els P and CLAEYS Laurens Leonard J
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 20.10.2017 PCT/IB2017/056532
(96) 20.10.2017 AP/P/2019/011561

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(51) **E04B 2/88 (2006.01)**
E06B 3/54 (2006.01)
E04B 2/96 (2006.01)
(54) WALL ELEMENT FOR A CURTAIN WALL WITH A COMPARTMENT FOR A WING AND A SEALING ELEMENT
(74) FISHER CORMACK & BOTHA
(75) CLAEYS Laurens Leonard J, CLAEYS Stephanie Catharina R and CLAEYS Nausikaä Els P
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 20.10.2017 PCT/IB2017/056533
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(31) 16195075.3
(32) 21.10.2016 (33) EP
(51) **C22B 23/02 (2006.01)**
C22B 7/00 (2006.01)
(54) PROCESS FOR RECYCLING COBALT-BEARING MATERIALS
(71) UMICORE
(72) VAN HOREBEEK David and SUETENS Thomas
(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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(32) 21.10.2016 (33) AU
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(51) **B65G 11/16 (2006.01)**
B60R 13/01 (2006.01)
B02C 17/22 (2015.01)
(54) WEAR ASSEMBLY AND METHOD OF FORMING A WEAR ASSEMBLY
(71) Metso Minerals Oy
(72) TYRRELL Michael and EVANS Anthony
(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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(32) 18.11.2016 (33) US
(51) **C07D 401/04 (2006.01)**
A61K 31/416 (2006.01)
C07D 403/04 (2006.01)
C07D 403/12 (2006.01)
C07D 471/04 (2006.01)
C07D 401 (2006.01)
A61K 31/416 (2006.01)
(54) INHIBITORS OF BRUTON'S TYROSINE KINASE
(71) JOINT STOCK COMPANY "BIOCAD"
(72) IAKOVLEV Pavel Andreevich, SMIRNOVA Svetlana Sergeevna, SILONOV Sergey Aleksandrovich, et al
(74) GALLOWAY & COMPANY
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(86) 16.11.2017 PCT/IB2017/057154
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(32) 24.10.2016 (33) DE
(51) **B07C 5/342 (2006.01)**
G01N 21/87 (2006.01)
G01N 33/38 (2006.01)
G01N 21/359 (2014.01)
G01N 21/85 (2006.01)
(54) A METHOD AND SYSTEM FOR DETECTING A DIAMOND SIGNATURE
(71) Tomra Sorting Gmbh
(72) DEHLER Markus and MADDERSON Geoffrey Harold
(74) FISHER, CORMACK & BOTHA
(84) BW, LS, NA
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(51) **B42D 25/29 (2014.01)**
(54) SECURITY DOCUMENT WITH POSITIVE AND NEGATIVE AUTHENTICATION TILT IMAGES
(71) MORPHO B.V.
(72) VAN DIJK Erik and VAN DEN BERG Jan
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 14.11.2017 PCT/NL2017/050736
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(32) 28.10.2016 (33) US
(51) **H04L 1/18 (2006.01)**
(54) RECEIVER-SPECIFIC TRANSMISSION LENGTH
(71) Telefonaktiebolaget LM Ericsson (Publ)
(72) PARKVALL Stefan and BALDEMAIR Robert
(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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(32) 18.11.2016 (33) US
(51) **F24S 20/20 (2018.01)**
F24S 23/74 (2018.01)
C02F 1/14 (2006.01)
(54) DIGITAL FLUID HEATING SYSTEM
(71) WTS LLC
(72) PLOURDE Douglas, PAKONEN Richard, ABRAHAM John, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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B65G 43/02 (2006.01)
A01G 31/04 (2006.01)
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(71) GROW SOLUTIONS TECH LLC
(72) HURST Kevin, WOODBURY Taylor John, BENTLEY Alan Ray, et al
(74) GALLOWAY & COMPANY
(84) KE, MW
(86) 04.06.2018 PCT/US2018/035783
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(32) 01.11.2016 (33) US
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H04W 64/00 (2009.01)
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(71) Telefonaktiebolaget LM Ericsson (Publ)
(72) DIACHINA John Walter, JOHANSSON Nicklas and ERIKSSON LÖWENMARK Stefan
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(31) 1706795.0
(32) 28.04.2017 (33) GB
(31) 1614196.2
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(51) **E21B 43/36 (2006.01)**
B01D 17/00 (2006.01)
B01D 19/00 (2006.01)
(54) A DRAIN APPARATUS FOR A SUBSEA PIPELINE
(71) TREVELYAN TRADING LTD
(72) TREVELYAN THOMAS Lee and LIÉBANA YESTE Laura
(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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(96) 21.08.2017 AP/P/2019/011572

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(51) **H04L 5/00 (2006.01)**
(54) SEARCH SPACE MONITORING IN WIRELESS COMMUNICATION NETWORKS
(71) Telefonaktiebolaget LM Ericsson (Publ)
(72) LARSSON Daniel, FALAHATI Sorour, PARKVALL Stefan, et al
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(22) 03.11.2016
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(51) **H04W 72/04 (2006.01)**
H04W 48/12 (2006.01)
(54) ENABLING MULTIPLE NUMEROLOGIES IN A NETWORK
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) CHEN Larsson Daniel, FALAHATI Sorour, PARKVALL Stefan, 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
(86) 03.11.2016 PCT/SE2016/051083
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(32) 14.06.2017 (33) US
(51) **G06Q 50/02 (2012.01)**
G06F 15/177 (2006.01)
G05B 19/042 (2006.01)
G06F 9/46 (2006.01)
G06F 15/16 (2006.01)
G06F 13/40 (2006.01)
G05B 19/18 (2006.01)
H05K 7/14 (2006.01)
G05B 19/05 (2006.01)
A01G 31/04 (2006.01)
(54) DISTRIBUTED CONTROL SYSTEMS AND METHODS FOR USE IN AN ASSEMBLY LINE GROW POD
(71) GROW SOLUTIONS TECH LLC
(72) HURST Kevin, HURST Michael Stephen, STOTT Mark Gerald, et al
(74) GALLOWAY & COMPANY
(84) KE, MW
(86) 30.05.2018 PCT/US2018/035018
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(31) 1617703.2
(32) 19.10.2016 (33) GB
(51) **F28D 20/00 (2006.01)**
(54) SOLAR CONCENTRATOR, SOLAR RECEIVER AND THERMAL STORAGE
(71) STORENERGY HOLDINGS LTD
(72) VUKSANOVIC Marko
(74) FISHER, CORMACK & BOTHA
(84) BW, NA
(86) 13.10.2017 PCT/EP2017/076189
(96) 13.10.2017 AP/P/2019/011576

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(21) AP/P/2019/011577
(22) 16.05.2019
(23) 16.05.2019
(51) **G08G 1/00 (2015.01)**
G07C 5/00 (2015.01)
E05B 39/00 (2015.01)
E05B 47/00 (2015.01)
G08B 21/18 (2015.01)
E05B 51/02 (2015.01)
G08B 25/10 (2015.01)
G07C 9/00 (2015.01)
(54) A CONTAINER CONVERSION KIT FOR CONVERTING A TRANSPORT CONTAINER TO FACILITATE ITS TRACKING AND MONITORING
(74) IP Africa Consultants
(75) HATAYAN Twalib Ali Mbarak
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 16.05.2019 AP/P/2019/011577

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(23) 16.05.2019
(31) 201641040063
(32) 23.11.2016 (33) IN
(51) **A01G 23/14 (2006.01)**
A01G 23/10 (2006.01)
(54) DEVICE FOR TAPPING SAP FROM INFLORESCENCE AND METHOD THEREOF
(74) FISHER, CORMACK & BOTHA
(75) VARGHESE Charles Vijay
(84) TZ
(86) 20.11.2017 PCT/IN2017/050544
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(22) 17.11.2017
(23) 16.05.2019
(31) 1619484.7
(32) 17.11.2016 (33) GB
(51) **G01R 19/25 (2006.01)**
G01B 31/36 (2006.01)
(54) DETERMINING A STATE OF HEALTH OF A BATTERY AND PROVIDING AN ALERT
(71) BBOXX Ltd
(72) MARKOCHEV Sergei
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 17.11.2017 PCT/GB2017/053457
(96) 17.11.2017 AP/P/2019/011579

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(23) 17.05.2019
(31) 2016904251
(32) 20.10.2016 (33) AU
(51) **C02F 1/24 (2006.01)**
B03D 012 (2006.01)
C02F 1/62 (2006.01)
(54) METHOD FOR REMOVING HEAVY METALS FROM AN AQUEOUS SOLUTION
(71) NEWSOUTH INNOVATIONS PTY LIMITED
(72) TASEIDIFAR Mojtaba, MAKAVIPOUR Fatemeh and RAHMAN Abdul Fazal
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 20.10.2017 PCT/AU2017/051145
(96) 20.10.2017 AP/P/2019/011580

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(22) 18.10.2017
(23) 17.05.2019
(31) 2017902559
(32) 30.06.2017 (33) AU
(31) 2017900033
(32) 09.01.2017 (33) AU
(31) 2016904222
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(51) **B65F 3/00 (2006.01)**
B09B 5/00 (2006.01)
B65D 43/16 (2006.01)
B65D 51/18 (2006.01)
A23K 10/26 (2016.01)
A23K 10/37 (2016.01)
B65F 1/16 (2006.01)
(54) APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING
(74) ENSafrica Namibia
(75) BOYLE Noman
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 18.10.2017 PCT/AU2017/051130
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(51) **B65D 19/00 (2006.01)**
B65D 19/38 (2006.01)
(54) PLASTIC PALLET WITH SUPPORT BLOCKS HAVING UPPER AND LOWER TOWERS AND ASSOCIATED METHODS
(71) CHEP Technology Pty Limited
(72) D'EMIDIO Brandon Michael, BROCKMEIER Oivind, LANTZ Daniel J, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(86) 13.10.2017 PCT/US2017/056474
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(31) 15/357,330
(32) 21.11.2016 (33) US
(51) **B65D 19/22 (2006.01)**
(54) PLASTIC PALLET WITH SUPPORT BLOCKS HAVING INNER AND OUTER BLOCKS AND ASSOCIATED METHODS
(71) CHEP Technology Pty Limited
(72) D'EMIDIO Brandon Michael, BROCKMEIER Oivind, LANTZ Daniel J, et al
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(84) BW, ZW
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(51) **F16L 37/091 (2006.01)**
F61L 25/10 (2006.01)
F16L 25/00 (2006.01)
(54) COMPOSITE ANCHORING BODY, PIPELINE CONNECTION DEVICE USING ANCHORING BODY, AND METHOD FOR INSTALLING SAME
(71) XINXING DUCTILE IRON PIPES CO., LTD
(72) CHE Lei, ZHU Pan, ZUO Chao, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(96) 21.11.2016 AP/P/2019/011584

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(21) AP/P/2019/011585
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(31) 15/357,281
(32) 21.11.2016 (33) US
(51) **B65D 19/22 (2006.01)**
(54) PLASTIC PALLET WITH SUPPORT BLOCKS HAVING UPPER TOWERS AND ASSOCIATED METHODS
(71) CHEP Technology Pty Limited
(72) D'EMIDIO Brandon Michael, BROCKMEIER Oivind, LANTZ Daniel J, et al
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(22) 10.10.2017
(23) 17.05.2019
(31) 15/357,061
(32) 21.11.2016 (33) US
(51) **B23P 19/10 (2006.01)**
B65D 19/00 (2006.01)
B23P 11/00 (2006.01)
B23P 19/00 (2006.01)
B23P 19/02 (2006.01)
B23P 19/04 (2006.01)
(54) NAIL PLATER APPARATUS AND RELATED METHODS
(71) CHEP TECHNOLOGY PTY LIMITED
(72) LUSCZAKOSKI Frank S and WHITFIELD SR Dwight Bryan
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(23) 17.05.2019
(31) 62/419,828
(32) 09.11.2016 (33) US
(51) **B63B 1/10 (2015.01)**
B63B 1/12 (2015.01)
B63B 35/44 (2015.01)
(54) FLOATING OFFSHORE STRUCTURES WITH ROUND PONTOONS
(71) HORTON DO BRASIL TECHNOLOGIA OFFSHORE, LTDA.
(72) BODANESE Rafael, BODANESE Luiz Germano, GUIMARÃES Rodrigo M R, et al
(74) FISHER, CORMACK & BOTHA
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(22) 14.11.2017
(23) 20.05.2019
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(32) 14.11.2016 (33) US
(51) **F04B 53/10 (2006.01)**
F04B 9/14 (2006.01)
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(71) KICKSTART INTERNATIONAL, INC.
(72) MUGO Simon Maina, OBUDHO Fredrick Omondi, LUKHALE Albert, et al
(74) FISHER, CORMACK & BOTHA
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(22) 11.11.2016
(23) 20.05.2019
(51) **H02S 40/44 (2006.01)**
F03D 9/00 (2006.01)
F24J 2/04 (2006.01)
(54) A MODULAR TILE, A FUNCTIONALIZED BATTEN, A PIPE AND A METHOD FOR PRODUCING A PIPE
(71) LOGIC SWISS AG
(72) MAGGI Romeo and SCHWERTNER Heiko
(74) GALLOWAY & COMPANY
(84) GH, KE, LR, NA
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(31) 02016000122525
(32) 02.12.2016 (33) IT
(51) **C11B 13/00 (2006.01)**
C08B 37/00 (2006.01)
C11B 1/10 (2006.01)
(54) PROCESS FOR PRODUCING LIPIDS AND OTHER ORGANIC COMPOUNDS FROM BIOMASS
(71) ENI S.p.A.
(72) BURATTINI Mauro
(74) FISHER, CORMACK & BOTHA
(84) GH, MZ
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(22) 20.11.2017
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(31) 10 2016 222 952.4
(32) 21.11.2016 (33) DE
(51) **D21C 5/00 (2006.01)**
D21H 11/12 (2006.01)
(54) METHOD FOR PRODUCING PAPER, CARDBOARD, OR PAPERBOARD USING BAOBAB TREE BARK BAST FIBERS, BAOBAB FRUIT FIBERS, AND/OR NATAL FIG BAST FIBERS AS PAPERMAKING RAW MATERIALS
(71) Hope Tree International GmbH
(72) DINZINGER Lambert Dustin
(74) ADAMS AND ADAMS MOZAMBIQUE
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(86) 20.11.2017 PCT/EP2017/079806
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(51) **G06K 7/10 (2006.01)**
E02F 9/28 (2006.01)
G07C 3/08 (2006.01)
H04Q 9/00 (2006.01)
E02F 9/26 (2006.01)
(54) ATTACHMENT STATUS MONITORING OF GROUND ENGAGING TOOLS (GET) AT HEAVY MACHINERY
(71) SANDVIK INTELLECTUAL PROPERTY AB
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(74) ADAMS AND ADAMS MOZAMBIQUE
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(23) 20.05.2019
(31) 201621038900
(32) 15.11.2016 (33) IN
(51) **A61K 35/00 (2006.01)**
A61D 7/00 (2006.01)
C12N 5/00 (2006.01)
A61K 35/38 (2015.01)
A61K 35/12 (2015.01)
(54) A PROCESS FOR PREPARING BUCCAL EPITHELIAL CELL SUSPENSION AND ITS USE
(71) Regrow Biosciences Pvt. Ltd.
(72) BHANJI Charul, KEDAGE Vinayak and SANGHAVI Satyen
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(31) 62/519,661
(32) 14.06.2017 (33) US
(31) 62/519,304
(32) 14.06.2017 (33) US
(31) 62/519,665
(32) 14.06.2017 (33) US
(51) **A01G 31/04 (2006.01)**
(54) SYSTEMS AND METHODS FOR BYPASSING HARVESTING FOR A GROW POD
(71) GROW SOLUTIONS TECH LLC
(72) WOODBURY Taylor John, HURST Michael Stephen, STOTT Mark Gerald, et al
(74) GALLOWAY & COMPANY
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(86) 23.05.2018 PCT/US2018/034063
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(22) 23.11.2017
(23) 21.05.2019
(31) 1661453
(32) 24.11.2016 (33) FR
(51) **H02S 10/40 (2014.01)**
H02J 7/35 (2006.01)
(54) AUTONOMOUS AND MOVABLE DEVICE FOR GENERATING, STORING AND DISTRIBUTING ELECTRICAL POWER
(71) SOLARPLEXUS
(72) NAMY Nicolas and ORRIOLS Alain
(74) COGHLAN, WELSH & GUEST
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 23.11.2017 PCT/FR2017/053230
(96) 23.11.2017 AP/P/2019/011595

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(23) 21.05.2019
(51) **A62B 17/00 (2006.01)**
A61F 7/00 (2006.01)
A61F 7/02 (2006.01)
A41D 13/005 (2006.01)
A01K 13/00 (2006.01)
(54) PORTABLE COOLING DEVICE FOR HUMANS AND/OR ANIMALS
(71) LABUS Heinrich Raimund
(72) LABUS Andreas and LABUS Heinrich Raimund
(74) COGHLAN, WELSH & GUEST
(75) LABUS Heinrich Raimund
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 13.02.2018 PCT/EP2018/053517
(96) 13.02.2018 AP/P/2019/011596

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(23) 21.05.2019
(31) 2016904312
(32) 24.10.2016 (33) AU
(51) **H05B 6/64 (2006.01)**
C21B 15/00 (2006.01)
C22B 5/00 (2006.01)
C21B 13/00 (2006.01)
(54) PRODUCTION OF IRON
(71) TECHNOLOGY RESOURCES PTY. LIMITED
(72) BUCKLEY Michael
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 24.10.2017 PCT/AU2017/051163
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(31) 62/411,764
(32) 24.10.2016 (33) US
(51) **B32B 27/36 (2006.01)**
B32B 27/08 (2006.01)
B32B 27/12 (2006.01)
B32B 27/28 (2006.01)
B32B 27/30 (2006.01)
B32B 7/04 (2006.01)
B32B 7/12 (2006.01)
B32B 27/06 (2006.01)
B64B 1/58 (2006.01)
B32B 5/02 (2006.01)
(54) A LIGHTER-THAN-AIR VEHICLE WITH A HULL, A LAMINATE FOR SUCH HULL AND A METHOD OF PRODUCTION OF SUCH LAMINATE
(71) SCEYE SÀRL
(72) LI Ang, VALLABH Rahul, SEYAM Abdel-Fattah Mohamed, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 23.10.2017 PCT/EP2017/077009
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(21) AP/P/2019/011599
(22) 15.11.2017
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(31) 62/423,102
(32) 16.11.2016 (33) US
(51) **C07D 295/26 (2006.01)**
C07D 403/04 (2006.01)
C07D 295/205 (2006.01)
C07D 471/10 (2006.01)
C07D 498/08 (2006.01)
(54) MAGL INHIBITORS
(71) ABIDE THERAPEUTICS, INC.
(72) SHAGHAFI Michael B, BUZARD Daniel J and GRICE Cheryl A
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.11.2017 PCT/US2017/061870
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(23) 21.05.2019
(31) 62/423,124
(32) 16.11.2016 (33) US
(31) 62/545,857
(32) 15.08.2017 (33) US
(51) **C07D 295/182 (2006.01)**
A61K 31/445 (2006.01)
C07D 213/55 (2006.01)
(54) PHARMACEUTICAL FORMULATIONS
(71) ABIDE THERAPEUTICS, INC.
(72) GHEBRE-SELLASSIE Issac, TEREFE Hibreniguss, ZINGERMAN Joel P, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.11.2017 PCT/US2017/061871
(96) 15.11.2017 AP/P/2019/011600

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(22) 15.11.2017
(23) 21.05.2019
(31) 62/423,126
(32) 16.11.2016 (33) US
(51) **C07D 213/55 (2006.01)**
C07D 403/00 (2006.01)
(54) CRYSTALLINE FORMS OF A MAGL INHIBITOR
(71) ABIDE THERAPEUTICS, INC.
(72) BEALS Channing Rodney, BLANKMAN Jacqueline Lorayne, GRIMM Kurt G, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.11.2017 PCT/US2017/061875
(96) 15.11.2017 AP/P/2019/011601

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(21) AP/P/2019/011602
(22) 15.11.2017
(23) 21.05.2019
(31) 62/423,095
(32) 16.11.2016 (33) US
(51) **C07D 471/10 (2006.01)**
C07D 295/26 (2006.01)
C07D 295/205 (2006.01)
C07D 498/08 (2006.01)
C07D 403/04 (2006.01)
(54) MAGL INHIBITORS
(71) ABIDE THERAPEUTICS, INC.
(72) HERTZOG Donald L, WHITE Nicole S, BUZARD Daniel J, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.11.2017 PCT/US2017/061867
(96) 15.11.2017 AP/P/2019/011602

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(22) 15.11.2017
(23) 21.05.2019
(31) 62/423,099
(32) 16.11.2016 (33) US
(51) **C07D 471/10 (2006.01)**
C07D 295/26 (2006.01)
C07D 295/205 (2006.01)
C07D 498/08 (2006.01)
C07D 403/04 (2006.01)
(54) MAGL INHIBITORS
(71) ABIDE THERAPEUTICS, INC.
(72) SHAGHAFI Michael B, BUZARD Daniel J. and GRICE Cheryl A.
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.11.2017 PCT/US2017/061868
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(23) 22.05.2019
(31) 1619738.6
(32) 22.11.2016 (33) GB
(51) **B32B 25/04 (2006.01)**
B32B 3/08 (2006.01)
B32B 13/14 (2006.01)
B32B 3/28 (2006.01)
B32B 7/04 (2006.01)
B32B 27/40 (2006.01)
B32B 7/08 (2006.01)
B32B 27/30 (2006.01)
B32B 5/30 (2006.01)
B32B 27/32 (2006.01)
B32B 5/16 (2006.01)
B32B 27/14 (2006.01)
B32B 5/24 (2006.01)
B32B 5/02 (2006.01)
B32B 27/12 (2006.01)
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(71) Concrete Canvas Technology Ltd.
(72) ROSE Graham, KOHLMAN Randolph S, SAVAGE Mark, et al
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(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(31) 16207137.7
(32) 28.12.2016 (33) EP
(51) **C07D 401/12 (2006.01)**
C07D 209/90 (2006.01)
C07D 405/12 (2006.01)
A61P 25/16 (2006.01)
C07D 407/12 (2006.01)
A61P 25/28 (2006.01)
C07D 409/04 (2006.01)
A61P 25/02 (2006.01)
C07D 417/12 (2006.01)
A61K 31/404 (2006.01)
C07D 421/12 (2006.01)
A61K 31/437 (2006.01)
C07D 471/04 (2006.01)
A61K 31/4439 (2006.01)
C07D 493/04 (2006.01)
C07D 333/62 (2006.01)
C07D 209/30 (2006.01)
(54) (AZA)INDOLE-, AND BENZOFURAN-3-SULFONAMIDES
(71) UCB PHARMA GmbH
(72) GOLLOS Sabrina, SCHWACH Lukas, NAMASIVAYAM Vigneshwaran, et al
(74) HONEY & BLANCKENBERG
(84) GH, KE, NA, TZ
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(23) 23.05.2019
(31) 2016905045
(32) 07.12.2016 (33) AU
(51) **F42D 1/18 (2006.01)**
(54) IMPROVED STEMMING PLUGS
(71) RISE MINING DEVELOPMENTS PTY LTD
(72) PHILLIPS Jeffrey Bruce
(74) Cronjé & Co.
(84) GH, TZ, ZM
(86) 20.11.2017 PCT/AU2017/051270
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(23) 24.05.2019
(31) 2016/07944
(32) 17.11.2016 (33) ZA
(51) **C10K 1/18 (2006.01)**
C10K 1/00 (2006.01)
C10G 5/04 (2006.01)
(54) RECOVERY OF HYDROCARBONS FROM A GASEOUS STREAM
(71) SASOL SOUTH AFRICA LTD
(72) SMIT Joris
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ
(86) 13.10.2017 PCT/IB2017/056341
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(23) 24.05.2019
(31) 16275171.3
(32) 02.12.2016 (33) EP
(31) 1619746.9
(32) 22.11.2016 (33) GB
(51) **C08L 23/02 (2006.01)**
(54) DEGRADABLE POLYMER AND METHOD OF PRODUCTION
(71) Polymateria Limited
(72) HILL Gavin, WALLIS Christopher and CHAPMAN Graham
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 22.11.2017 PCT/EP2017/079914
(96) 22.11.2017 AP/P/2019/011608

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(22) 24.11.2017
(23) 24.05.2019
(31) 2016-229441
(32) 25.11.2016 (33) JP
(51) **H04W 72/04 (2009.01)**
(54) USER TERMINAL AND RADIO COMMUNICATION METHOD
(71) Ntt Docomo, Inc.
(72) NAGATA Satoshi, TAKEDA Kazuki and MATSUMURA Yuki
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 24.11.2017 PCT/JP2017/042142
(96) 24.11.2017 AP/P/2019/011609

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(21) AP/P/2019/011610
(22) 29.11.2017
(23) 24.05.2019
(31) 201621040918
(32) 30.11.2016 (33) IN
(51) **C12N 5/00 (2006.01)**
A61K 35/32 (2015.01)
(54) A PROCESS OF PREPARING CHONDROCYTE CELL SUSPENSION AND ITS USE
(71) Regrow Biosciences Pvt. Ltd
(72) KEDAGE Vinayak and SANGHAVI Satyen
(74) FISHER, CORMACK & BOTHA
(84) KE
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(23) 28.05.2019
(31) 62/560,019
(32) 18.09.2017 (33) US
(31) 62/431,743
(32) 08.12.2016 (33) US
(51) **H04L 5/00 (2006.01)**
(54) OBTAINING AND INDICATING OF COMPONENT COMBINATION USED FOR CSI-RS
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) FRENNE Mattias and GRANT Stephen
(74) FISHER, CORMACK & BOTHA
(84) UG
(86) 07.12.2017 PCT/IB2017/057741
(96) 07.12.2017 AP/P/2019/011611

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(22) 08.12.2017
(23) 28.05.2019
(31) 62/432,472
(32) 09.12.2016 (33) US
(51) **C07K 16/28 (2006.01)**
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C07K 16/18 (2006.01)
(54) BIVALENT ANTIBODIES MASKED BY COILED COILS
(71) Seattle Genetics, Inc.
(72) SENTER Peter, LEVENGOOD Matthew R and TRANG Vivian
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 08.12.2017 PCT/US2017/065471
(96) 08.12.2017 AP/P/2019/011612

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(23) 28.05.2019
(31) US 62/584,600
(32) 10.11.2017 (33) US
(31) 62/515,117
(32) 05.06.2017 (33) US
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(31) 62/471,874
(32) 15.03.2017 (33) US
(31) 62/421,685
(32) 14.11.2016 (33) US
(51) **A61P 3/06 (2006.01)**
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
(54) COMBINED THERAPIES FOR ATHEROSCLEROSIS, INCLUDING ATHEROSCLEROTIC CARDIOVASCULAR DISEASE
(71) AMGEN INC
(72) NICHOLLS Stephen, HONARPOUR Narimon, WASSERMAN Scott, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, NA
(86) 13.11.2017 PCT/US2017/061346
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(22) 24.11.2017
(23) 28.05.2019
(31) 16306562.6
(32) 25.11.2016 (33) EP
(51) **A61K 45/06 (2006.01)**
A61K 31/429 (2006.01)
A61K 31/51 (2006.01)
A61K 31/655 (2006.01)
A61K 31/714 (2006.01)
A61K 31/4152 (2006.01)
A61P 33/02 (2006.01)
(54) VETERINARY COMPOSITIONS AND THE USES THEREOF FOR PREVENTING AND/OR TREATING PARASITIC INFECTIONS IN NON-HUMAN MAMMALS
(71) CEVA SANTE ANIMALE
(72) LACOSTE Sandrine and KAREMBE Hamadi
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 24.11.2017 PCT/EP2017/080318
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(32) 17.05.2018 (33) KE
(51) **A01N 43/00 (2015.01)**
A01N 37/00 (2015.01)
C07D 261/04 (2015.01)
A01N 53/00 (2015.01)
(54) COMPOSITIONS FOR ATTRACTING TSETSE FLIES AND RELATED BLOOD-FEEDING INSECTS
(71) Kenyatta University and Biotechnology Research Institute - Kenya Agricultural and Livestock Research Organization
(72) OKOTH Sylvance, MURILLA Grace, PAUL O. Mireji, et al
(74) Biotechnology Research Institute - Kenya Agricultural and Livestock Research Organization
(84) MZ, TZ, UG, ZM, ZW
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(22) 28.05.2019
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(51) **A23L7/10 (2015.01)**
A23L25/00 (2015.01)
A23L19/00 (2015.01)
(54) MIGHTY MEAL INSTANT PORRIDGE
(71) Hutano Foods (Pvt) Ltd.
(72) JACQUET Caroline and MAYER Jennifer
(74) Hutano Foods (Pvt) Ltd.
(84) MW, ZM, ZW
(96) 28.05.2019 AP/P/2019/011616

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(22) 05.12.2017
(23) 29.05.2019
(31) 62/430,302
(32) 05.12.2016 (33) US
(31) 62/479,605
(32) 31.03.2017 (33) US
(51) **A61K 31/519 (2006.01)**
A61K 39/395 (2006.01)
(54) PRESERVATION OF IMMUNE RESPONSE DURING CHEMOTHERAPY REGIMENS
(71) G1 Therapeutics, Inc.
(72) ROBERTS Patrick Joseph, STRUM Jay C, LAI Anne Y, 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
(86) 05.12.2017 PCT/US2017/064775
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(22) 08.12.2017
(23) 29.05.2019
(31) 1620920.7
(32) 08.12.2016 (33) GB
(51) **A61M 15/00 (2006.01)**
(54) A DEVICE FOR INCREASING THE EFFICACY OF A METERED DOSE INHALER
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) NASH George and COPPEL Jonny
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 08.12.2017 PCT/GB2017/053693
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(23) 29.05.2019
(31) 62/58,791
(32) 09.11.2017 (33) US
(31) 62/435173
(32) 16.12.2016 (33) US
(51) **G10L 19/038 (2006.01)**
(54) METHODS, ENCODER AND DECODER FOR HANDLING ENVELOPE REPRESENTATION COEFFICIENTS
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) BRUHN Stefan and SEHLSTEDT Martin
(74) FISHER, CORMACK & BOTHA
(84) TZ
(86) 15.12.2017 PCT/EP2017/082951
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(22) 08.01.2018
(23) 29.05.2019
(51) **H04L 5/00 (2006.01)**
H04L 25/02 (2006.01)
H04B 17/309 (2015.01)
(54) SYSTEMS AND METHODS FOR RELIABLE DYNAMIC INDICATION FOR SEMI-PERSISTENT CSI-RS
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) FRENNE Mattias, GRANT Stephen, HARRISON Robert Mark, et al
(74) FISHER, CORMACK & BOTHA
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(86) 08.01.2018 PCT/SE2018/050006
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(22) 04.12.2017
(23) 29.05.2019
(51) **A61K 39/00 (2006.01)**
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
(54) ANTI-TIM-3 ANTIBODIES FOR COMBINATION WITH ANTI-PD-1 ANTIBODIES
(71) Innovent Biologics (Suzhou) Co. Ltd. and Eli Lilly and Company
(72) ZHANG Yi and LI Yiwen
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA
(86) 04.12.2017 PCT/US2017/064480
(96) 04.12.2017 AP/P/2019/011621

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(22) 03.11.2017
(23) 29.05.2019
(31) 39440
(32) 07.11.2016 (33) MA
(51) **A61M 1/34 (2006.01)**
(54) PORTABLE ULTRAFILTRATION DEVICE
(71) UNIVERSITÉ HASSAN II DE CASABLANCA
(72) BOUALAM Abdellah, AIT TALEB Abdellah, RAMDANI Benyounes, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 03.11.2017 PCT/MA2017/000022
(96) 03.11.2017 AP/P/2019/011622

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(22) 08.12.2017
(23) 29.05.2019
(51) **A61P 11/00 (2006.01)**
C07D 401/04 (2006.01)
C07D 231/20 (2006.01)
A61K 31/455 (2006.01)
C07D 401/14 (2006.01)
(54) MODULATOR OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT, AND PROCESS FOR MAKING THE MODULATOR
(71) VERTEX PHARMACEUTICALS INCORPORATED
(72) ZHOU Jinglan, YOUNG Tomothy John, VAN GOOR Fredrick F, 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
(86) 08.12.2017 PCT/US2017/065425
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(23) 30.05.2019
(31) 62/517,840
(32) 09.06.2017 (33) US
(31) 62/436,139
(32) 19.12.2016 (33) US
(51) **A61P 35/00 (2006.01)**
A61K 31/519 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 491/04 (2006.01)
C07D 491/14 (2006.01)
C07D 498/04 (2006.01)
C07D 403/12 (2006.01)
C07D 403/14 (2006.01)
C07D 413/12 (2006.01)
(54) AMINE-SUBSTITUTED HETEROCYCLIC COMPOUNDS AS EHMT2 INHIBITORS AND METHODS OF USE THEREOF
(71) Epizyme, Inc.
(72) DUNCAN Kenneth William and CAMPBELL John Emmerson
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 19.12.2017 PCT/US2017/067192
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(31) 61/785,268
(32) 14.03.2013 (33) US
(51) **C12N 15/00 (2006.01)**
C07H 21/04 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(71) MONSANTO TECHNOLOGY LLC
(72) PETERSEN Michael W, OUFATOLLE Mohammed, NICHOLS Amy M, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 11.03.2014 PCT/US2014/023648
(96) 11.03.2014 AP/P/2019/011625

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(21) AP/P/2019/011626
(22) 11.03.2014
(23) 30.05.2019
(31) 61/785,268
(32) 14.03.2013 (33) US
(51) **C07H 21/04 (2006.01)**
C12N 15/00 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(71) MONSANTO TECHNOLOGY LLC
(72) PETERSEN Michael W, OUFATOLLE Mohammed, NICHOLS Amy M, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 11.03.2014 PCT/US2014/023648
(96) 11.03.2014 AP/P/2019/011626

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(22) 11.03.2014
(23) 30.05.2019
(31) 61/785,268
(32) 14.03.2013 (33) US
(51) **C07H 21/04 (2006.01)**
C12N 15/00 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(71) MONSANTO TECHNOLOGY LLC
(72) PETERSEN Michael W, OUFATOLLE Mohammed, NICHOLS Amy M, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 11.03.2014 PCT/US2014/023648
(96) 11.03.2014 AP/P/2019/011627

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(21) AP/P/2019/011628
(22) 09.11.2017
(23) 30.05.2019
(31) 62/420,958
(32) 11.11.2016 (33) US
(51) **G06F 17/30 (2006.01)**
G06Q 40/04 (2012.01)
G06Q 30/00 (2012.01)
(54) SYSTEMS AND METHODS FOR DISTRIBUTING ROUGH DIAMONDS
(71) Clara Diamond Solutions Corp.
(72) DIX Dylan and ARIEL Aaron
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 09.11.2017 PCT/IB2017/057015
(96) 09.11.2017 AP/P/2019/011628

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(22) 21.12.2017
(23) 31.05.2019
(31) 17155973.5
(32) 14.02.2017 (33) EP
(31) 62/437,770
(32) 22.12.2016 (33) US
(51) **C07K 16/28 (2006.01)**
A61P 35/00 (2006.01)
(54) BINDING MOLECULES FOR THE TREATMENT OF CANCER
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) WERNITZNIG Andreas, VOYNOV Vladimir, SHAABAN Abdulsalam, et al
(74) Cronjé & Co.
(84) GH, KE
(86) 21.12.2017 PCT/EP2017/084002
(96) 21.12.2017 AP/P/2019/011629

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(21) AP/P/2019/011630
(22) 29.11.2017
(23) 31.05.2019
(31) 10201610774U
(32) 22.12.2016 (33) SG
(51) **G06Q 30/06 (2012.01)**
(54) SYSTEM AND METHOD FOR CONDUCTING A TRANSACTION
(71) Mastercard International Incorporated
(72) UZEBU Uwagbae, KHAN Saad and BELEMLIH Driss
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 29.11.2017 PCT/US2017/063565
(96) 29.11.2017 AP/P/2019/011630

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(21) AP/P/2019/011631
(22) 29.11.2017
(23) 31.05.2019
(31) 10201610781P
(32) 22.12.2016 (33) SG
(51) **G06Q 20/40 (2012.01)**
G06Q 20/12 (2012.01)
G06Q 30/06 (2012.01)
G06F 17/30 (2006.01)
(54) SYSTEM AND METHOD FOR CONDUCTING A TRANSACTION
(71) MASTERCARD INTERNATIONAL INCORPORATED
(72) UZEBU Uwagbae, KHAN Saad and BELEMLIH Driss
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 29.11.2017 PCT/US2017/063563
(96) 29.11.2017 AP/P/2019/011631

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(21) AP/P/2019/011632
(22) 30.10.2017
(23) 31.05.2019
(31) 201631037704
(32) 04.11.2016 (33) IN
(51) **A01N 37/50 (2006.01)**
A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
A01N 43/54 (2006.01)
A01N 47/14 (2006.01)
A01N 43/50 (2006.01)
A01N 43/56 (2006.01)
(54) FUNGICIDAL COMBINATIONS
(71) UPL LTD
(72) SHROFF Jaidev Rajnikant, SHROFF Rajju Devidas and FABRI Carlos Eduardo
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 30.10.2017 PCT/IB2017/056710
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Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2012/006399	03.05.2019	30.07.2020	7th yr
AP/P/2013/007255	26.04.2019	15.05.2020	7th yr
AP/P/2013/007256	26.04.2019	15.05.2020	7th yr
AP/P/2013/007343	26.04.2019	15.06.2020	7th yr
AP/P/2014/007774	03.05.2019	09.07.2020	5th yr
AP/P/2014/007839	18.04.2019	27.04.2020	7th yr
AP/P/2014/008033	05.04.2019	05.04.2020	7th yr
AP/P/2014/008039	10.05.2019	02.05.2020	6th yr
AP/P/2014/008107	07.05.2019	10.05.2020	6th yr
AP/P/2014/008132	29.04.2019	10.05.2020	6th yr
AP/P/2014/008142	17.05.2019	05.07.2020	6th yr
AP/P/2015/008299	02.04.2019	09.03.2020	4th yr
AP/P/2015/008476	13.05.2019	11.11.2019	5th yr
AP/P/2015/008476	13.05.2019	11.11.2015	1st yr
AP/P/2015/008667	10.04.2019	30.04.2020	6th yr
AP/P/2015/008756	05.04.2019	09.04.2020	5th yr
AP/P/2015/008805	05.04.2019	25.04.2020	5th yr
AP/P/2015/008831	30.04.2019	06.05.2020	5th yr
AP/P/2015/008832	06.05.2019	15.05.2020	5th yr
AP/P/2015/008853	26.04.2019	30.05.2020	5th yr
AP/P/2015/008862	10.05.2019	22.05.2020	5th yr
AP/P/2015/008887	26.04.2019	09.05.2020	5th yr
AP/P/2015/008892	26.04.2019	21.05.2020	5th yr
AP/P/2015/008893	10.05.2019	17.06.2020	5th yr
AP/P/2015/008901	06.05.2019	07.05.2020	5th yr
AP/P/2015/008919	10.05.2019	20.06.2020	5th yr
AP/P/2015/008921	16.05.2019	16.05.2019	4th yr
AP/P/2015/008923	10.05.2019	23.05.2020	5th yr
AP/P/2015/008924	10.05.2019	29.05.2020	5th yr
AP/P/2015/008926	03.05.2019	02.06.2020	5th yr
AP/P/2015/008936	10.05.2019	27.06.2020	5th yr
AP/P/2015/008948	18.04.2019	26.06.2020	5th yr
AP/P/2016/008971	06.05.2019	16.05.2020	5th yr
AP/P/2016/008976	03.05.2019	11.07.2020	5th yr

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Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/008989	03.05.2019	22.07.2020	5th yr
AP/P/2016/008990	03.05.2019	22.07.2020	5th yr
AP/P/2016/008993	07.05.2019	12.05.2020	9th yr
AP/P/2016/009090	26.04.2019	21.08.2020	5th yr
AP/P/2016/009188	17.05.2019	06.07.2020	7th yr
AP/P/2016/009237	29.04.2019	28.10.2019	4th yr
AP/P/2016/009286	09.05.2019	15.05.2020	7th yr
AP/P/2016/009380	01.05.2019	19.01.2020	4th yr
AP/P/2016/009486	26.04.2019	04.05.2020	4th yr
AP/P/2016/009497	30.04.2019	20.04.2020	4th yr
AP/P/2016/009516	15.04.2019	22.04.2020	4th yr
AP/P/2016/009565	26.04.2019	12.05.2020	4th yr
AP/P/2016/009566	05.04.2019	09.04.2020	4th yr
AP/P/2016/009568	05.04.2019	09.04.2020	4th yr
AP/P/2016/009582	03.05.2019	24.06.2020	4th yr
AP/P/2016/009583	03.05.2019	24.06.2020	4th yr
AP/P/2016/009590	26.04.2019	01.05.2020	4th yr
AP/P/2016/009594	01.05.2019	04.05.2020	4th yr
AP/P/2016/009596	01.05.2019	04.05.2020	4th yr
AP/P/2016/009598	10.05.2019	29.06.2020	4th yr
AP/P/2016/009601	10.05.2019	16.06.2020	4th yr
AP/P/2016/009644	10.05.2019	09.06.2020	4th yr
AP/P/2016/009653	10.05.2019	22.06.2020	4th yr
AP/P/2016/009660	26.04.2019	13.05.2020	3rd yr
AP/P/2016/009661	17.04.2019	01.07.2020	4th yr
AP/P/2017/009689	17.04.2019	09.07.2020	4th yr
AP/P/2017/009760	17.05.2019	17.08.2020	4th yr
AP/P/2017/009999	09.05.2019	13.05.2020	4th yr
AP/P/2017/010054	12.04.2019	07.05.2020	4th yr
AP/P/2017/010161	27.04.2019	04.05.2020	3rd yr
AP/P/2017/010194	06.05.2019	07.05.2020	4th yr
AP/P/2017/010220	26.04.2019	04.05.2020	3rd yr
AP/P/2017/010240	05.04.2019	08.04.2020	3rd yr
AP/P/2017/010256	26.04.2019	05.05.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/010258	05.04.2019	11.04.2020	3rd yr
AP/P/2017/010282	10.05.2019	13.05.2020	4th yr
AP/P/2017/010283	17.04.2019	25.04.2020	3rd yr
AP/P/2017/010286	05.04.2019	13.04.2020	3rd yr
AP/P/2017/010289	26.04.2019	06.05.2020	3rd yr
AP/P/2017/010303	26.04.2019	17.05.2020	3rd yr
AP/P/2017/010305	27.04.2019	04.05.2020	3rd yr
AP/P/2017/010308	05.04.2019	15.04.2020	3rd yr
AP/P/2017/010309	26.04.2019	12.05.2020	4th yr
AP/P/2017/010325	08.05.2019	11.05.2020	3rd yr
AP/P/2017/010327	09.05.2019	13.05.2020	4th yr
AP/P/2017/010330	15.05.2019	20.05.2020	3rd yr
AP/P/2017/010342	30.04.2019	01.06.2020	3rd yr
AP/P/2017/010344	26.04.2019	30.05.2020	3rd yr
AP/P/2017/010349	10.05.2019	20.05.2020	3rd yr
AP/P/2017/010357	09.05.2019	13.05.2020	3rd yr
AP/P/2017/010364	06.05.2019	19.05.2020	4th yr
AP/P/2017/010366	10.05.2019	16.05.2020	3rd yr
AP/P/2017/010377	10.05.2019	21.05.2020	3rd yr
AP/P/2017/010379	10.05.2019	18.05.2020	3rd yr
AP/P/2017/010391	06.05.2019	27.05.2020	3rd yr
AP/P/2017/010396	10.05.2019	20.06.2020	3rd yr
AP/P/2017/010404	10.05.2019	27.06.2020	3rd yr
AP/P/2017/010405	10.05.2019	20.05.2020	3rd yr
AP/P/2017/010412	09.05.2019	13.05.2020	3rd yr
AP/P/2018/010424	26.04.2019	08.06.2020	3rd yr
AP/P/2018/010434	26.04.2019	15.06.2020	3rd yr
AP/P/2018/010446	17.04.2019	26.06.2020	4th yr
AP/P/2018/010449	10.05.2019	17.06.2020	3rd yr
AP/P/2018/010450	03.05.2019	29.07.2020	3rd yr
AP/P/2018/010722	07.05.2019	11.05.2020	7th yr
AP/P/2018/010724	07.05.2019	11.05.2020	7th yr
AP/P/2018/010753	27.04.2019	15.05.2020	2nd yr
AP/P/2018/010794	12.04.2019	21.04.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010826	17.05.2019	25.06.2020	1st yr
AP/P/2018/010943	05.04.2019	14.04.2020	3rd yr
AP/P/2018/010995	10.05.2019	20.06.2020	3rd yr
AP/P/2018/011014	30.04.2019	20.05.2020	3rd yr
AP/P/2018/011023	23.04.2019	25.09.2020	1st yr
AP/P/2018/011039	30.04.2019	01.05.2020	2nd yr
AP/P/2018/011059	26.04.2019	08.05.2020	2nd yr
AP/P/2018/011064	26.04.2019	05.05.2020	2nd yr
AP/P/2018/011080	05.04.2019	05.04.2020	2nd yr
AP/P/2018/011088	26.04.2019	04.05.2020	2nd yr
AP/P/2018/011099	07.05.2019	12.05.2020	2nd yr
AP/P/2018/011108	26.04.2019	17.05.2020	2nd yr
AP/P/2018/011114	26.04.2019	02.05.2020	2nd yr
AP/P/2018/011116	07.05.2019	12.05.2020	2nd yr
AP/P/2018/011118	26.04.2019	24.05.2020	2nd yr
AP/P/2018/011119	05.04.2019	05.04.2020	2nd yr
AP/P/2018/011121	17.05.2019	21.10.2020	3rd yr
AP/P/2018/011133	17.05.2019	26.05.2020	2nd yr
AP/P/2018/011139	07.05.2019	12.05.2020	2nd yr
AP/P/2018/011144	30.04.2019	01.05.2020	2nd yr
AP/P/2018/011148	17.04.2019	04.05.2020	2nd yr
AP/P/2018/011154	06.05.2019	16.05.2020	2nd yr
AP/P/2018/011160	10.05.2019	19.05.2020	2nd yr
AP/P/2018/011164	07.05.2019	11.05.2020	2nd yr
AP/P/2018/011168	03.05.2019	03.05.2020	2nd yr
AP/P/2018/011169	30.04.2019	02.05.2020	2nd yr
AP/P/2018/011171	17.05.2019	03.08.2020	3rd yr
AP/P/2018/011172	30.04.2019	02.05.2020	2nd yr
AP/P/2018/011173	30.04.2019	02.05.2020	2nd yr
AP/P/2018/011174	17.05.2019	03.08.2020	3rd yr
AP/P/2018/011178	26.04.2019	23.05.2020	2nd yr
AP/P/2018/011180	17.05.2019	03.08.2020	3rd yr
AP/P/2018/011182	06.05.2019	11.05.2020	2nd yr
AP/P/2018/011184	05.04.2019	05.04.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011186	07.05.2019	11.05.2020	2nd yr
AP/P/2018/011192	05.04.2019	15.05.2020	2nd yr
AP/P/2018/011203	10.05.2019	27.06.2020	2nd yr
AP/P/2018/011205	07.05.2019	11.05.2020	2nd yr
AP/P/2018/011212	27.04.2019	05.05.2020	2nd yr
AP/P/2018/011213	26.04.2019	09.06.2020	2nd yr
AP/P/2018/011221	31.05.2019	01.06.2020	2nd yr
AP/P/2018/011222	16.05.2019	17.05.2020	2nd yr
AP/P/2018/011224	17.05.2019	26.05.2020	2nd yr
AP/P/2018/011225	17.05.2019	26.05.2020	2nd yr
AP/P/2018/011226	17.05.2019	26.05.2020	2nd yr
AP/P/2018/011227	03.05.2019	29.07.2020	3rd yr
AP/P/2018/011236	10.05.2019	30.06.2020	2nd yr
AP/P/2018/011249	17.05.2019	07.07.2020	2nd yr
AP/P/2018/011252	03.05.2019	22.06.2020	2nd yr
AP/P/2018/011253	26.04.2019	17.05.2020	2nd yr
AP/P/2019/011263	09.05.2019	13.05.2020	2nd yr
AP/P/2019/011267	10.05.2019	15.06.2020	2nd yr
AP/P/2019/011269	29.04.2019	15.06.2019	1st yr
AP/P/2019/011271	26.04.2019	13.06.2020	2nd yr
AP/P/2019/011273	10.05.2019	14.06.2020	2nd yr
AP/P/2019/011282	10.05.2019	29.06.2020	2nd yr
AP/P/2019/011284	10.05.2019	29.06.2020	2nd yr
AP/P/2019/011285	10.05.2019	29.06.2020	2nd yr
AP/P/2019/011304	03.05.2019	21.07.2020	2nd yr
AP/P/2019/011312	25.02.2019	31.07.2019	1st yr
AP/P/2019/011430	28.05.2019	06.09.2019	1st yr
AP/P/2019/011430	28.05.2019	06.09.2019	1st yr
AP/P/2019/011431	28.05.2019	27.09.2019	1st yr
AP/P/2019/011431	28.05.2019	27.09.2019	1st yr
AP/P/2019/011431	09.05.2019	27.09.2019	1st yr
AP/P/2019/011431	09.05.2019	27.09.2019	1st yr
AP/P/2019/011441	09.04.2019	22.08.2019	1st yr
AP/P/2019/011443	05.04.2019	04.01.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011443	05.04.2019	04.01.2020	2nd yr
AP/P/2019/011453	05.04.2019	11.02.2020	4th yr
AP/P/2019/011453	05.04.2019	11.02.2017	1st yr
AP/P/2019/011453	05.04.2019	11.02.2018	2nd yr
AP/P/2019/011458	05.04.2019	07.09.2019	1st yr
AP/P/2019/011459	09.04.2019	29.09.2019	1st yr
AP/P/2019/011461	19.04.2019	28.09.2019	1st yr
AP/P/2019/011464	09.04.2019	28.08.2019	1st yr
AP/P/2019/011466	19.04.2019	31.08.2019	1st yr
AP/P/2019/011467	19.04.2019	29.09.2019	1st yr
AP/P/2019/011469	02.04.2019	28.09.2019	1st yr
AP/P/2019/011470	26.04.2019	13.06.2020	2nd yr
AP/P/2019/011472	05.04.2019	29.08.2019	1st yr
AP/P/2019/011476	17.04.2019	05.09.2019	1st yr
AP/P/2019/011480	12.04.2019	10.10.2019	1st yr
AP/P/2019/011480	12.04.2019	10.10.2020	2nd yr
AP/P/2019/011481	26.04.2019	03.10.2019	1st yr
AP/P/2019/011481	26.04.2019	03.10.2020	2nd yr
AP/P/2019/011482	12.04.2019	22.09.2019	1st yr
AP/P/2019/011482	12.04.2019	22.09.2020	2nd yr
AP/P/2019/011483	12.04.2019	12.10.2019	1st yr
AP/P/2019/011483	12.04.2019	12.10.2020	2nd yr
AP/P/2019/011484	12.04.2019	09.10.2019	1st yr
AP/P/2019/011486	15.04.2019	12.09.2018	1st yr
AP/P/2019/011486	15.04.2019	12.09.2019	2nd yr
AP/P/2019/011487	29.04.2019	16.10.2019	1st yr
AP/P/2019/011488	27.04.2019	02.11.2019	1st yr
AP/P/2019/011490	27.04.2019	25.09.2019	1st yr
AP/P/2019/011491	27.04.2019	25.09.2019	1st yr
AP/P/2019/011492	18.04.2019	18.10.2019	1st yr
AP/P/2019/011492	18.04.2019	18.10.2020	2nd yr
AP/P/2019/011493	27.04.2019	02.10.2019	1st yr
AP/P/2019/011494	18.04.2019	24.10.2019	1st yr
AP/P/2019/011494	18.04.2019	24.10.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011495	18.04.2019	10.10.2019	1st yr
AP/P/2019/011495	18.04.2019	10.10.2020	2nd yr
AP/P/2019/011496	18.04.2019	18.10.2019	1st yr
AP/P/2019/011496	18.04.2019	18.10.2020	2nd yr
AP/P/2019/011497	18.04.2019	22.09.2020	2nd yr
AP/P/2019/011497	18.04.2019	22.09.2019	1st yr
AP/P/2019/011498	18.04.2019	10.10.2019	1st yr
AP/P/2019/011501	10.05.2019	11.10.2019	1st yr
AP/P/2019/011502	18.04.2019	23.10.2019	1st yr
AP/P/2019/011502	18.04.2019	23.10.2020	2nd yr
AP/P/2019/011503	26.04.2019	09.06.2017	1st yr
AP/P/2019/011503	26.04.2019	09.06.2020	4th yr
AP/P/2019/011503	26.04.2019	09.06.2019	3rd yr
AP/P/2019/011503	26.04.2019	09.06.2018	2nd yr
AP/P/2019/011504	29.04.2019	18.10.2019	1st yr
AP/P/2019/011505	23.04.2019	21.09.2019	1st yr
AP/P/2019/011506	10.05.2019	25.09.2019	1st yr
AP/P/2019/011508	26.04.2019	25.09.2019	1st yr
AP/P/2019/011508	26.04.2019	25.09.2020	2nd yr
AP/P/2019/011510	26.04.2019	03.03.2020	4th yr
AP/P/2019/011510	26.04.2019	03.03.2017	1st yr
AP/P/2019/011510	26.04.2019	03.03.2018	2nd yr
AP/P/2019/011510	26.04.2019	03.03.2019	3rd yr
AP/P/2019/011511	26.04.2019	03.03.2018	2nd yr
AP/P/2019/011511	26.04.2019	03.03.2019	3rd yr
AP/P/2019/011511	26.04.2019	03.03.2020	4th yr
AP/P/2019/011511	26.04.2019	03.03.2017	1st yr
AP/P/2019/011513	26.04.2019	03.03.2019	3rd yr
AP/P/2019/011513	26.04.2019	03.03.2020	4th yr
AP/P/2019/011513	26.04.2019	03.03.2017	1st yr
AP/P/2019/011513	26.04.2019	03.03.2018	2nd yr
AP/P/2019/011515	26.04.2019	25.09.2019	1st yr
AP/P/2019/011515	26.04.2019	25.09.2020	2nd yr
AP/P/2019/011519	26.04.2019	01.11.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011520	06.05.2019	02.11.2019	1st yr
AP/P/2019/011521	26.04.2019	03.10.2019	1st yr
AP/P/2019/011522	06.05.2019	02.11.2019	1st yr
AP/P/2019/011523	10.05.2019	06.11.2019	1st yr
AP/P/2019/011524	30.04.2019	10.10.2019	1st yr
AP/P/2019/011525	03.05.2019	15.03.2019	1st yr
AP/P/2019/011526	03.05.2019	03.11.2019	1st yr
AP/P/2019/011527	03.05.2019	09.11.2019	1st yr
AP/P/2019/011528	03.05.2019	17.11.2018	1st yr
AP/P/2019/011528	03.05.2019	17.11.2019	2nd yr
AP/P/2019/011531	03.05.2019	18.10.2019	1st yr
AP/P/2019/011531	03.05.2019	18.10.2020	2nd yr
AP/P/2019/011532	03.05.2019	01.05.2017	1st yr
AP/P/2019/011532	03.05.2019	01.05.2018	2nd yr
AP/P/2019/011532	03.05.2019	01.05.2019	3rd yr
AP/P/2019/011532	03.05.2019	01.05.2020	4th yr
AP/P/2019/011535	10.05.2019	02.11.2019	1st yr
AP/P/2019/011540	10.05.2019	01.09.2019	1st yr
AP/P/2019/011545	10.05.2019	09.10.2019	1st yr
AP/P/2019/011547	10.05.2019	23.05.2020	1st yr
AP/P/2019/011549	10.05.2019	18.11.2018	1st yr
AP/P/2019/011549	10.05.2019	18.11.2019	2nd yr
AP/P/2019/011559	17.05.2019	29.08.2020	2nd yr
AP/P/2019/011559	17.05.2019	29.08.2019	1st yr
AP/P/2019/011560	17.05.2019	17.11.2019	1st yr
AP/P/2019/011561	17.05.2019	20.10.2019	1st yr
AP/P/2019/011562	17.05.2019	20.10.2019	1st yr
AP/P/2019/011563	17.05.2019	16.10.2019	1st yr
AP/P/2019/011564	17.05.2019	20.10.2019	1st yr
AP/P/2019/011566	17.05.2019	24.10.2019	1st yr
AP/P/2019/011568	17.05.2019	27.10.2019	1st yr
AP/P/2019/011571	17.05.2019	31.10.2019	1st yr
AP/P/2019/011573	17.05.2019	02.11.2018	1st yr
AP/P/2019/011573	17.05.2019	02.11.2019	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011574	17.05.2019	03.11.2019	2nd yr
AP/P/2019/011574	17.05.2019	03.11.2018	1st yr
AP/P/2019/011576	17.05.2019	13.10.2019	1st yr
AP/P/2019/011578	17.05.2019	20.11.2019	1st yr
AP/P/2019/011579	17.05.2019	17.11.2019	1st yr

Patent Applications Abandoned

(21) AP/P/2012/006478
(23) 22.05.2019
(51) **B61L 27/00 (2006.01)**
(54) AUTOMATIC END-OF-TRAIN DETECTION SYSTEM
(71) FERROVIA CENTRO-ATLANTICA S/A
(72) DOS SANTOS Renato Elias, MESQUITA Alex Guimarães and NAVEGANTE Jeferson Aparecido
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ

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(21) AP/P/2013/006815
(23) 29.05.2019
(51) **F27D 1/12 (2006.01)**
C25C 3/08 (2006.01)
(54) SYSTEM AND METHOD FOR CONTROL OF SIDE LAYER FORMATION IN AN ALUMINIUM ELECTROLYSIS CELL
(71) GOODTECH RECOVERY TECHNOLOGY AS
(72) SEDLAK Veroslav and SALVADOR John Paul
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007473
(23) 14.05.2019
(51) **E21B 43/10 (2006.01)**
E21B 36/00 (2006.01)
E21B 33/12 (2006.01)
(54) SWELLING ACCELERATION USING INDUCTIVELY HEATED AND EMBEDDED PARTICLES IN A SUBTERRANEAN TOOL
(71) BAKER HUGHES INCORPORATED
(72) MAZYAR Oleg A and JOHNSON Michael H
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH

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(21) AP/P/2015/008729
(23) 14.05.2019
(51) **C07K 14/435 (2006.01)**
(54) VARIANTS OF TISSUE INHIBITOR OF METALLOPROTEINASE TYPE THREE (TIMP-3), COMPOSITIONS AND METHODS
(71) AMGEN INC.
(72) MICHAELS Mark Leo, BELOUSKI Edward J, HECHT Randy Ira, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW

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(21) AP/P/2016/009436
(23) 06.05.2019
(51) **C07D 403/14 (2006.01)**
C07D 471/04 (2006.01)
C07D 401/14 (2006.01)
(54) PHOSPHONATE COMPOUNDS FOR TREATMENT OF COMPLEMENT MEDIATED DISORDERS
(71) ACHILLION PHARMACEUTICALS, INC.
(72) PHADKE Avinash S, DESHPANDE Milind, AGARWAL Atul , et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, ZM, ZW

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(21) AP/P/2016/009447
(23) 28.05.2019
(51) **A61P 11/00 (2006.01)**
A61K 31/497 (2006.01)
C07D 241/28 (2006.01)
C07D 401/06 (2006.01)
(54) CHEMICAL COMPOUNDS
(71) AstraZeneca AB
(72) SHAMOVSKY Igor, RIPA Lena Elisabeth, NIKITIDIS Grigorios, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE

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(21) AP/P/2016/009498
(23) 22.05.2019
(51) **H04B 7/00 (2006.01)**
(54) METHODS AND APPARATUS FOR MITIGATING FADING IN A BROADBAND ACCESS SYSTEM USING DRONE/UAV PLATFORMS
(71) Ubiqomm LLC
(72) JALALI Ahmad
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, LS, MZ, RW, SL, SZ, TZ, ZM

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(21) AP/P/2016/009600
(23) 10.05.2019
(51) **C12N 15/85 (2006.01)**
(54) GENE EXPRESSION SYSTEM
(71) Oxitec Limited
(72) WARNER Simon, ALPHEY Luke and KOUKIDOU Martha
(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/2017/010260
(23) 10.05.2019
(51) **A01P 13/00 (2006.01)**
A01N 57/20 (2006.01)
A01N 43/66 (2006.01)
(54) HERBICIDE COMBINATIONS COMPRISING GLUFOSINATE AND INDAZIFLAM
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) SCHWARZ Michael, GÜR Petra and OESER Jörg
(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/2017/010290
(23) 14.05.2019
(51) **A61P 9/10 (2006.01)**
C07D 417/12 (2006.01)
A61P 9/04 (2006.01)
C07K 5/062 (2006.01)
A61P 13/12 (2006.01)
A61K 47/48 (2006.01)
(54) PROCESS FOR THE PREPARATION OF 2-{4-[2-({[2-(4-CHLOROPHENYL)-1,3-THIAZOL-4-YL]METHYL} SULFANYL)-3,5-DICYANO-6-(PYRROLIDIN-1-YL)PYRIDIN-4-YL]PHENOXY}ETHYL-L-ALANYL-L-ALANINATE MONOHYDROCHLORIDE
(71) BAYER PHARMA AKTIENGESELLSCHAFT
(72) KUHLMANN Thomas, MEIBOM Daniel, BECKER Guido, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2017/010307
(23) 16.05.2019
(51) **G06Q 30/00 (2006.01)**
(54) SYSTEMS AND METHODS FOR DISTRIBUTING ROUGH DIAMONDS
(71) Clara Diamond Solutions Corp.
(72) DIX Dylan and ARIEL Aaron
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, NA

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(21) AP/P/2017/010401
(23) 10.05.2019
(51) **F24B 9/00 (2006.01)**
A47J 33/00 (2006.01)
F24B 1/183 (2006.01)
F24C 13/00 (2006.01)
(54) COOKING AND WATER HEATING APPARATUS
(71) GAMIKON PTY LTD
(72) JACOBS Gideon Johannes
(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/2018/010513
(23) 21.05.2019
(51) **A61P 25/06 (2006.01)**
C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
(54) CGRP RECEPTOR ANTAGONISTS
(71) ELI LILLY AND COMPANY
(72) STUCKY Russell Dean, SIEGEL Miles Goodman, NAVARRO Antonio, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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Patent Applications Abandoned (Contd.)

(21) AP/P/2018/010577
(23) 14.05.2019
(51) **A23L 7/109 (2006.01)**
(54) GROOVED NOODLES
(71) Nisshin Foods Inc.
(72) HIGASHI Masafumi and KIMURA Ryusuke
(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/2018/011155
(23) 24.05.2019
(51) **G06T 7/00 (2017.01)**
(54) BREAK ANALYSIS APPARATUS AND METHOD
(71) BELRON INTERNATIONAL LTD
(72) DANIEL Gwen, SMITH Melvyn, FAROOQ Abdul, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, TZ, UG

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Patents and Patent Applications Assigned

(11) AP 3000
(23) 24.05.2019
(51) **A61K 47/34 (2006.01)**
A61K 38/09 (2009.01)
A61K 9/16 (2006.01)
(54) SLOW RELEASE PHARMACEUTICAL COMPOSITION MADE OF MICROPARTICLES
(71) Nokia Technologies OY
(72) LUNDSTROM Eija, DUCREY Bertrand, PORCHET Hervé, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009347
(23) 30.04.2019
(51) **A61K 31/4045 (2006.01)**
A61P 25/28 (2006.01)
C07D 417/14 (2006.01)
(54) HETEROARYL AMIDES AS INHIBITORS OF PROTEIN AGGREGATION
(71) UCB BIOPHARMA SPRL
(72) WRASIDLO Wolfgang and STOCKING Emily M
(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/2018/010821
(23) 23.05.2019
(51) **F16B 12/42 (2006.01)**
A47B 39/00 (2006.01)
A47C 5/10 (2006.01)
(54) A COLLAPSIBLE DESK AND DESK/CHAIR COMBINATION
(74) FISHER, CORMACK & BOTHA
(75) QASIM Mohammed Asif
(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

(21) AP/P/2013/007009
(22) 16.01.2012
(23) 30.05.2019
(51) **G07F 17/32 (2006.01)**
(54) METHOD OF AND SYSTEM FOR SPORTING EVENT BETTING
(74) FISHER CORMACK & BOTHA
(84) GH, KE, TZ

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(21) AP/P/2014/007616
(22) 31.10.2012
(23) 10.10.2018
(51) **A01N 43/40 (2006.01)**
A01N 43/56 (2006.01)
C05G 3/02 (2006.01)
(54) AGROCHEMICAL FORMULATION AND USE THEREOF
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ

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(21) AP/P/2015/008467
(22) 08.11.2013
(23) 13.05.2019
(51) **C12Q 1/70 (2006.01)**
C12Q 1/68 (2006.01)
(54) TOOLS AND METHOD FOR THE DETECTION AND QUANTIFICATION OF GENETICALLY DIVERSE HIV-1,SIVCPZ AND SIV GOR VIRUSES
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008515
(22) 14.11.2013
(23) 06.05.2019
(51) **A61K 31/192 (2006.01)**
A61K 9/00 (2006.01)
(54) MEDICINAL LOZENGE BASED ON IBUPROFEN SODIUM DIHYDRATE
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, ZM, ZW

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(21) AP/P/2015/008524
(22) 21.11.2013
(23) 15.05.2019
(51) **B07C 5/342 (2006.01)**
(54) METHOD FOR X-RAY LUMINESCENT SEPARATION OF MINERALS AND X-RAY LUMINESCENT SEPARATOR FOR CARRYING OUT SAID METHOD
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008569
(22) 17.12.2013
(23) 17.05.2019
(51) **C22B 3/00 (2006.01)**
B65G 53/30 (2006.01)
E21C 47/00 (2006.01)
E02F 7/00 (2006.01)
(54) MOBILE ORE SLURRYING APPARATUS
(74) GALLOWAY & COMPANY
(84) KE, MZ, SL

●●

(21) AP/P/2015/008858
(22) 27.05.2014
(23) 08.05.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/437 (2006.01)
C07D 471/04 (2006.01)
(54) CHEMICAL COMPOUNDS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE

●●

(21) AP/P/2015/008879
(22) 15.05.2014
(23) 08.05.2019
(51) **G01N 33/569 (2006.01)**
G01N 33/543 (2006.01)
(54) A METHOD OF DIAGNOSING TUBERCULOSIS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/008975
(22) 16.07.2014
(23) 20.05.2019
(51) **A61K 47/48 (2006.01)**
A61K 47/40 (2006.01)
C08B 37/16 (2006.01)
(54) CYCLODEXTRIN
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009234
(22) 05.11.2014
(23) 07.05.2019
(51) **H01M 4/74 (2006.01)**
H01M 4/73 (2006.01)
H01M 4/72 (2006.01)
(54) CORROSION RESISTANT POSITIVE GRID FOR LEAD-ACID BATTERIES
(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/2016/009261
(22) 05.02.2015
(23) 02.05.2019
(51) **A61K 31/4439 (2006.01)**
(54) CRYSTALLINE POLYMORPHS OF THE FREE BASE OF 2-HYDROXY-6-((2-(1-ISOPROPYL-1H-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY) BENZALDEHYDE
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, ZM, ZW

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(21) AP/P/2016/009269
(22) 20.11.2014
(23) 02.05.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/4375 (2006.01)
C07D 487/04 (2006.01)
C07D 471/04 (2006.01)
(54) PYRROLO[2,3-D]PYRIMIDINYL, PYRROLO[2,3-B]PYRAZINYL AND PYRROLO[2,3-D]PYRIDINYL ACRYLAMIDES
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, ZM, ZW

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(21) AP/P/2016/009277
(22) 04.12.2013
(23) 08.05.2019
(51) **H04B 7/26 (2006.01)**
(54) DOWNLINK SUBFRAME SHORTENING IN TIME-DIVISION DUPLEX (TDD) SYSTEMS
(74) FISHER CORMACK & BOTHA
(84) KE, TZ, UG

●●

(21) AP/P/2016/009278
(22) 06.01.2015
(23) 08.05.2019
(51) **H04N 1/32 (2006.01)**
H04N 5/235 (2006.01)
H04N 19/184 (2014.01)
H04N 19/36 (2014.01)
H04N 19/467 (2014.01)
(54) TECHNIQUES FOR ENCODING, DECODING AND REPRESENTING HIGH DYNAMIC RANGE IMAGES
(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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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009297
(22) 02.02.2015
(23) 27.05.2019
(51) **A61K 31/522 (2006.01)**
A61P 11/06 (2006.01)
A61K 31/52 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
A61K 31/519 (2006.01)
A61P 37/00 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
(54) NOVEL HETEROCYCLIC COMPOUNDS
(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/2016/009322
(22) 23.01.2015
(23) 13.05.2019
(51) **A61P 11/00 (2006.01)**
A61K 31/553 (2006.01)
C07D 417/12 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 267/10 (2006.01)
(54) (2S)-N-[(1S)-1-CYANO-2-PHENYLETHYL]-1,4-OXAZEPANE-2-CARBOXAMIDES AS DIPEPTIDYL PEPTIDASE I INHIBITORS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, GM, KE

●●

(21) AP/P/2016/009334
(22) 28.01.2015
(23) 23.05.2019
(51) **E21B 43/36 (2006.01)**
B01D 19/00 (2006.01)
(54) MODULAR PLANT AND PROCESS FOR LIQUID/GAS SEPARATION, IN PARTICULAR FOR LIQUID AND GASEOUS PHASES OF A CRUDE OIL
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ, TZ

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(21) AP/P/2016/009344
(22) 06.02.2015
(23) 23.05.2019
(51) **A61K 31/4375 (2006.01)**
C07D 403/04 (2006.01)
A61K 31/4162 (2006.01)
C07D 405/04 (2006.01)
A61K 31/407 (2006.01)
C07D 519/00 (2006.01)
(54) HEXAHYDROFUROPYRROLES AS PDE1 INHIBITORS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG

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(21) AP/P/2016/009347
(22) 28.01.2015
(23) 23.05.2019
(51) **A61K 31/4045 (2006.01)**
A61P 25/28 (2006.01)
C07D 417/14 (2006.01)
(54) HETEROARYL AMIDES AS INHIBITORS OF PROTEIN AGGREGATION
(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/2016/009357
(22) 16.01.2015
(23) 22.05.2019
(51) **C12P 19/12 (2006.01)**
C12P 19/02 (2006.01)
(54) A PROCESS FOR PRODUCTION OF SOLUBLE SUGARS FROM BIOMASS
(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/2016/009361
(22) 18.11.2010
(23) 22.05.2019
(51) **C12P 7/14 (2006.01)**
C12P 7/10 (2006.01)
C12P 7/06 (2006.01)
C12M 1/00 (2006.01)
(54) METHOD AND SYSTEM FOR SACCHARIFYING AND FERMENTING A BIOMASS FEEDSTOCK
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009370
(22) 17.02.2015
(23) 21.05.2019
(51) **A61K 31/435 (2006.01)**
C07D 417/12 (2006.01)
C07D 413/14 (2006.01)
C07D 413/12 (2006.01)
C07D 405/12 (2006.01)
C07D 401/12 (2006.01)
C07D 227/10 (2006.01)
C07D 211/72 (2006.01)
(54) 2-AMINO-3, 5, 5-TRIFLUORO-3, 4, 5, 6-TETRAHYDROPYRIDINES AS BACE1 INHIBITORS FOR TREATMENT OF ALZHEIMER'S DISEASE
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG

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(21) AP/P/2016/009372
(22) 27.01.2015
(23) 22.05.2019
(51) **F16L 39/06 (2006.01)**
(54) HIGH PRESSURE FLUID SWIVEL
(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/2016/009373
(22) 12.03.2015
(23) 15.05.2019
(51) **A61P 11/06 (2006.01)**
A61K 31/505 (2006.01)
C07D 513/04 (2006.01)
C07D 498/04 (2006.01)
C07D 417/12 (2006.01)
C07D 413/12 (2006.01)
(54) HETEROARYL SYK INHIBITORS
(74) Cronjé & Co.
(84) GH, KE

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(21) AP/P/2016/009413
(22) 19.03.2015
(23) 17.05.2019
(51) **C10G 2/00 (2006.01)**
(54) FISCHER-TROPSCH SYNTHESIS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ, TZ

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(21) AP/P/2016/009431
(22) 03.02.2015
(23) 17.05.2019
(51) **C25C 1/00 (2006.01)**
C25C 7/02 (2006.01)
C25C 7/06 (2006.01)
(54) ANODE STRUCTURE FOR METAL ELECTROWINNING CELLS
(74) FISHER CORMACK & BOTHA
(84) NA, ZM, ZW

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(21) AP/P/2016/009474
(22) 03.03.2015
(23) 15.05.2019
(51) **C05G 3/00 (2006.01)**
C05D 9/02 (2006.01)
C05C 1/02 (2006.01)
(54) INORGANIC COATING TO AMMONIUM NITRATE-BASED PARTICLES
(74) FISHER CORMACK & BOTHA
(84) GH, KE, TZ

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009476
(22) 01.04.2015
(23) 07.05.2019
(51) **A61P 35/02 (2006.01)**
C07D 491/107 (2006.01)
A61P 35/00 (2006.01)
A61K 31/454 (2006.01)
A61K 31/5377 (2006.01)
C07D 413/06 (2006.01)
C07D 295/092 (2006.01)
C07D 403/12 (2006.01)
A61K 31/496 (2006.01)
A61K 31/421 (2006.01)
C07D 263/34 (2006.01)
C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4164 (2006.01)
C07D 233/90 (2006.01)
(54) AMIDO-SUBSTITUTED AZOLE COMPOUNDS AS INHIBITORS OF TNKS1 AND/OR TNKS2
(74) FISHER CORMACK & BOTHA
(84) KE

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(21) AP/P/2016/009481
(22) 20.03.2015
(23) 07.05.2019
(51) **H04L 9/32 (2006.01)**
G06Q 20/40 (2012.01)
G06Q 20/38 (2012.01)
(54) SECURE TRANSMISSION OF PAYMENT CREDENTIALS
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) KE, ZM

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(21) AP/P/2016/009487
(22) 27.05.2015
(23) 02.05.2019
(51) **A61P 37/00 (2006.01)**
A61P 35/00 (2006.01)
A61P 29/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
(54) NOVEL PYRAZOLO PYRIMIDINE DERIVATIVES AND THEIR USE AS MALT1 INHIBITORS
(74) Cronjé & Co.
(84) BW, GH, KE, NA

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(21) AP/P/2016/009500
(22) 27.08.2014
(23) 16.05.2019
(51) **H01Q 3/00 (2006.01)**
H04B 7/08 (2006.01)
H04W 72/04 (2009.01)
H04W 16/28 (2009.01)
H04W 74/00 (2009.01)
(54) SYSTEM AND METHOD FOR BEAM-BASED PHYSICAL RANDOM-ACCESS
(74) FISHER CORMACK & BOTHA
(84) TZ, UG

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(21) AP/P/2016/009507
(22) 31.03.2015
(23) 15.05.2019
(51) **C12P 5/02 (2006.01)**
(54) BIOGAS PROCESS WITH NUTRIENT RECOVERY
(74) FISHER CORMACK & BOTHA
(84) KE, MZ, TZ, ZM, ZW

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(21) AP/P/2016/009525
(22) 04.05.2015
(23) 07.05.2019
(51) **A61K 38/28 (2006.01)**
A61K 31/5585 (2006.01)
A61P 3/10 (2006.01)
(54) RAPID-ACTING INSULIN COMPOSITIONS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2016/009657
(22) 27.02.2015
(23) 02.05.2019
(51) **C01B 31/04 (2006.01)**
C01B 31/02 (2006.01)
(54) GRAPHITE - BASED CARBON MATERIAL USEFUL AS GRAPHENE PRECURSOR, AS WELL AS METHOD OF PRODUCING THE SAME
(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/2017/010317
(22) 28.04.2015
(23) 13.05.2019
(51) **G07F 7/00 (2006.01)**
H02J 13/00 (2006.01)
H02J 3/00 (2006.01)
H02J 3/38 (2006.01)
(54) AUTONOMOUS UTILITIES CONTAINER
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010828
(22) 05.12.2016
(23) 02.05.2019
(51) **A61K 39/395 (2006.01)**
(54) AQUEOUS PHARMACEUTICAL FORMULATION COMPRISING ANTI-PD-1 ANTIBODY AVELUMAB
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, ZM, ZW

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Patents Granted

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

(11) Patent No : AP 4784

(21) Application No : AP/P/2016/009401

(22) Filing Date : 23.02.2015

(24) Date of Grant & (45) Publication : 01/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	14000725.3	28.02.2014

(84) Designated States:
GH KE TZ UG

(73) Applicant(s)
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(72) Inventors
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RUF Friedrich, Germany
CEBI Hasan, Turkey
et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification :
B01J 20/12 (2006.01)
B01J 20/22 (2006.01)
B01J 20/30 (2006.01)
C11B 3/10 (2006.01)

(54) Title

DRY-MODIFIED ACID-ACTIVATED BLEACHING EARTH, PROCESS FOR PRODUCTION THEREOF AND USE THEREOF

(57) Abstract

The invention relates to a process for producing a bleaching earth, comprising the steps of drying a water-rich raw clay to a reduced water content, mixing the raw clay having a reduced water content with a solid organic and/or concentrated inorganic acid, and grinding the mixture of raw clay having a reduced water content and solid organic and/or concentrated inorganic acid, in which case the bleaching earth then has a water content of 20% to 40% by weight. The invention further encompasses a bleaching earth obtainable by this process and to the use thereof for bleaching of raw animal or vegetable oil.

(56) Documents Cited : WO 96/336221 A1 WO 99/02256 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4785

(21) Application No : AP/P/2016/009483

(22) Filing Date : 08.04.2015

(24) Date of Grant & (45) Publication : 01/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	PCT/CN2014/0003'	11.04.2014

(84) Designated States: KE

(73) Applicant(s)
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(72) Inventors
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WASNAIRE Pierre, Germany
SCHOLZ Ame, Germany
et al

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C07D 498/14 (2006.01) A61K 31/529 (2006.01) A61P 35/00 (2006.01)

(54) Title
NOVEL MACROCYCLIC COMPOUNDS

(57) Abstract

The present invention relates to novel macrocyclic compounds of general formula (I) as described and defined herein, and methods for their preparation, their use for the treatment and/or prophylaxis of disorders, in particular of hyper-proliferative disorders and/or virally induced infectious diseases and/or of cardiovascular diseases. The invention further relates to intermediate compounds useful in the preparation of said compounds of general formula (I).

(56) Documents Cited : WO 2013/037896 A1 WO 2008/060248 A1 US 2004/209895 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4786

(21) **Application No :** AP/P/2016/009530

(22) **Filing Date :** 17.04.2015

(24) (45) **Date of Grant & Publication :** 02/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	61/986,876	30.04.2014

(84) **Designated States:**

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

(73) **Applicant(s)**
PFIZER INC., 235 East 42nd Street, New York, New York 10017, United States of America

(72) **Inventors**
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COLLINS Michael Raymond, United States of America
GREASLEY Samantha Elizabeth, United States of America
et al

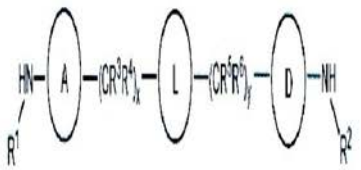
(74) **Representative**
GALLOWAY & COMPANY, Zimbabwe

(51) **International Classification :** C07D 417/08 (2006.01) A61K 31/433 (2006.01)
A61P 35/00 (2006.01)

(54) **Title**
CYCLOALKYL-LINKED DIHETEROCYCLE DERIVATIVES

(57) **Abstract**

The present invention relates to compounds of formula (I) or pharmaceutically acceptable salts thereof, wherein A, L, D, R



(I)

(56) **Documents Cited :** WO 2014/079011 A1 US 2014/142081 A1 KRUPA SHUKLA et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4787

(21) Application No : AP/P/2015/008469

(22) Filing Date : 26.09.2013

(24) Date of Grant & (45) Publication : 05/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/706,869	28.09.2012

(84) Designated States: KE TZ

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(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : H04N 7/26 (2006.01)

(54) Title
DECODING AND ENCODING OF PICTURES OF A VIDEO SEQUENCE

(57) Abstract

The embodiments reduce output delay for pictures by determining after a current picture has been decoded and stored in a decoded picture buffer, DPB, (125, 225, 325, 425, 525, 625), a number of pictures in the DPB (125, 225, 325, 425, 525, 625) that are marked as needed for output. This number is compared, after a current picture has been decoded and stored in the DPB (125, 225, 325, 425, 525, 625), against a value derived form at least one syntax element present or to be present in a bitstream (10) representing pictures of a video sequence. If this number is greater than the value a picture, which is the first picture in output order, of the pictures in the DPB (125, 225, 325, 425, 525, 625) that are marked as needed for output is preferably output and marked as not needed for output.

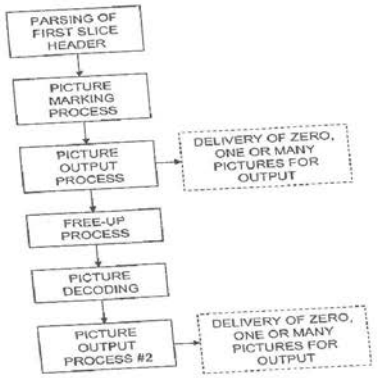


Fig. 14

(56) Documents Cited : Absolute signaling of reference Proposed Editorial Improveme

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4788

(21) Application No : AP/P/2015/008471

(22) Filing Date : 13.11.2013

(24) Date of Grant & (45) Publication : 05/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/726,400	14.11.2012
US	13/954,771	30.07.2013

(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
PICA Francesco, United States of America
HORN Gavin Bernard, United States of America
KAPOOR Robert, United States of America
et al

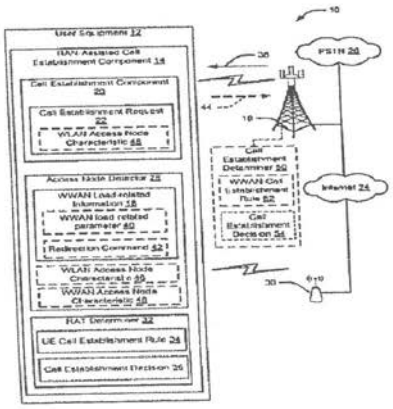
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04W 48/20 (2009.01)

(54) Title
USER EQUIPMENT AND METHOD OF CONTROLLING CALL ESTABLISHMENT TO A WLAN ACCESS NODE OR WWAN ACCESS NODE BASED ON WWAN LOAD-RELATED INFORMATION

(57) Abstract

Apparatus and methods of controlling call establishment are described. A user equipment (UE) may determine to establish a call. In an aspect, the UE may detect a Wireless Local Area Network (WLAN) access node and receive, from a Wireless Wide Area Network (WWAN) access node, WWAN load-related information. Based on UE call establishment rules and the WWAN load-related information, the UE may determine whether to establish the call on the WWAN access node or the WLAN access node. In another aspect, the UE may determine WLAN access node characteristics associated with a received signal from a WLAN access node. The UE may forward a call establishment request, including the WLAN access node characteristics to a WWAN access node. The UE may receive a redirection command to redirect the call establishment request to the WLAN access node.



(56) Documents Cited : US 2010/0323698 A1 Access Network selection base; US 2011/0053597 A1; US 2005/0147068 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4789

(21) Application No : AP/P/2016/009567

(22) Filing Date : 06.05.2015

(24) Date of Grant & (45) Publication : 05/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2014/03242	06.05.2014

(84) Designated States:
KE UG

(73) Applicant(s)
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(74) Representative
ENSafrica Namibia, Namibia

(51) International Classification : A01N 3/02 (2006.01) A01N 59/02 (2006.01) B65D 85/50 (2006.01)

(54) Title
FLOWER PRESERVATION METHOD AND DEVICE

(57) Abstract

This invention relates to a method of preserving one or more cut flowers with the use of a sulphur dioxide (SO

(56) Documents Cited : WO 2011/143564 A1 WO 2006/129172 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4790

(21) Application No : AP/P/2015/008527

(22) Filing Date : 11.02.2010

(24) Date of Grant & (45) Publication : 06/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/152,696	14.02.2009

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

(73) Applicant(s)
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(72) Inventors
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FISHER CORMACK & BOTHA, Malawi

(51) International Classification : G06Q 20/00 (2012.01) H04W 4/24 (2009.01)

(54) Title
SECURE PAYMENT AND BILLING METHOD USING MOBILE PHONE NUMBER OR ACCOUNT

(57) Abstract

A system, method and computer program product for processing payments for goods or services, including a payment processor that receives a payment request from a merchant for goods or services and that includes a mobile phone number or mobile phone account of a user, sends a payment authorization request text message to the mobile phone requesting payment authorization, and receives a payment authorization text message from the mobile phone authorizing or not authorizing the payment. If the payment is authorized, the payment processor pays the merchant and charges the mobile phone account for the payment. If the payment is not authorized or if the payment is not received within a predetermined period of time, the payment processor declines to pay the merchant for the goods or services.

(56) Documents Cited : US 2008/0288351 A1 KR 20080096721 A KR 20080005800 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4791

(21) Application No : AP/P/2015/008519

(22) Filing Date : 11.12.2013

(24) Date of Grant & (45) Publication : 07/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/736,417	12.12.2012
US	61/798,861	15.03.2013
US	14/102,475	10.12.2013

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

(73) Applicant(s)
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MERLIN Simone, United States of America

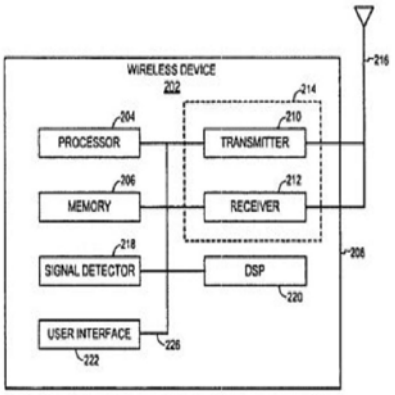
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04W 48/08 (2009.01)

(54) Title
SYSTEM AND METHOD FOR IMPROVED COMMUNICATION ON A WIRELESS NETWORK

(57) Abstract

Systems and methods for wireless communication are disclosed. In one aspect an access point includes a processor configured to generate a message identifying a time period during which the apparatus is to communicate data with one or more wireless devices, the message further including an indicator indicating a wireless communication flow direction during the time period. The access point further includes a transmitter configured to transmit the generated message.



(56) Documents Cited : Restricted access window sign WO 2012/139075 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4792

(21) Application No : AP/P/2015/008560

(22) Filing Date : 03.01.2014

(24) Date of Grant & (45) Publication : 07/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/749,105	04.01.2013
US	14/146,507	02.01.2014

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

(73) Applicant(s)
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(72) Inventors
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WANG Ye-Kui, Finland

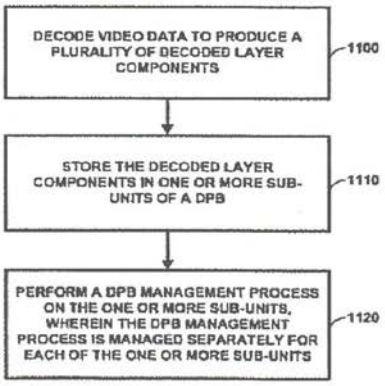
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04N 19/33 (2014.01) H04N 19/436 (2014.01) H04N 19/423 (2014.01)

(54) Title
MULTI-RESOLUTION DECODED PICTURE BUFFER MANAGEMENT FOR MULTI-LAYER VIDEO CODING

(57) Abstract

This disclosure describes various methods and techniques for decoded picture buffer (DPB) management when multiple decoded layer components with different resolutions need to be stored. In one example, a method of coding video data comprises decoding video data to produce a plurality of decoded layer components, storing the decoded layer components in one or more sub-units of a DPB, and performing a DPB management process on the one or more sub-units, wherein the DPB management process is managed separately for each of the one or more sub-units.



(56) Documents Cited : US 2012/0230409 US 2007/0086521 US 2012/0230401

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4793

(21) Application No : AP/P/2015/008335

(22) Filing Date : 30.08.2013

(24) Date of Grant & (45) Publication : 09/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	2012903815	31.08.2012

(84) Designated States: MZ NA ZM ZW

(73) Applicant(s)
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HARKNESS Steven, Australia
KEAST Brenton, Australia
et al

(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : E01B 9/30 (2006.01)

(54) Title
ANCHORING DEVICES FOR RAIL FASTENING CLIPS

(57) Abstract

This invention relates to an anchoring device for use in retaining a railway rail fastening clip, the device comprising a stem for embedding in a rail support member, a head extending from the stem and comprising a generally hook-shaped portion for extending over a portion of the clip to effect retention and terminating at an end apart from the stem, and wherein in use, said end terminates at a sealing plate for bridging the end of the hook-shaped portion and the stem. An associated anchoring device assembly and railway rail fastening assembly are also disclosed.

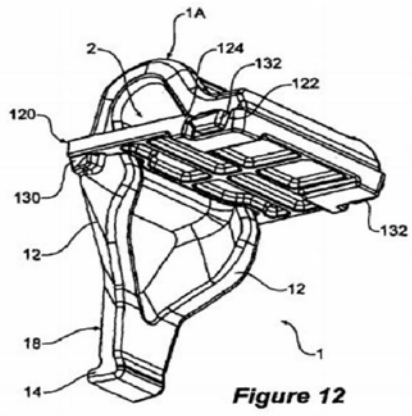


Figure 12

(56) Documents Cited : US-4489885 US-4588126 US-6398123

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4794

(21) Application No : AP/P/2015/008575

(22) Filing Date : 20.12.2013

(24) Date of Grant & (45) Publication : 09/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/749,866	07.01.2013
US	14/061,130	23.10.2013

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

(73) Applicant(s)
QUALCOMM INCORPORATED, Attn: International IP Administration, 5775 Morehouse Drive, San Diego, 92121-1714 CA, United Stated of America

(72) Inventors
WANG Ye-Kui, United States of America

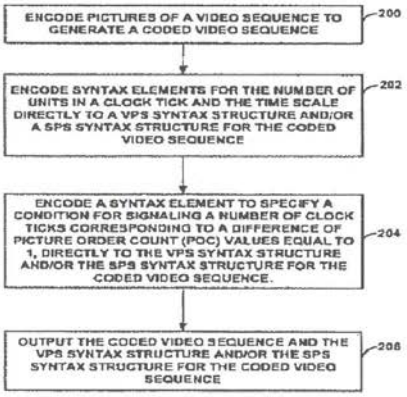
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04N 19/70 (2014.01) H04N 19/44 (2014.01) H04N 19/149 (2014.01) H04N 19/46 (2014.01)

(54) Title
CONDITIONAL SIGNALING OF PICTURE ORDER COUNT TIMING INFORMATION FOR VIDEO TIMING IN VIDEO CODING

(57) Abstract

In an example, the disclosure provides for encoding pictures of a video sequence to generate a coded video sequence comprising the encoded pictures and signaling timing parameters for the coded video sequence by directly signaling a condition for signaling a number of clock ticks corresponding to a difference of picture order count (POC) values equal to 1 in at least one of a video parameter set (VPS) syntax structure referenced by the coded video sequence and a sequence parameter set (SPS) syntax structure referenced by the coded video sequence. Another example provides for receiving timing parameters for a coded video sequence that include a condition for signaling a number of clock ticks corresponding to a difference of POC values equal to 1 directly in at least one of a VPS syntax structure referenced by the coded video sequence and an SPS syntax structure referenced by the coded video sequence.



(56) Documents Cited : "High Efficiency Video Coding (Simplifications of HRD parame "AHG10: On HRD parameters f

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4795

(21) Application No : AP/P/2015/008577

(22) Filing Date : 20.12.2013

(24) Date of Grant & (45) Publication : 09/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/749,866	07.01.2013
US	14/061,260	23.10.2013

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

(73) Applicant(s)
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(72) Inventors
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(74) Representative
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(51) International Classification : H04N 19/70 (2014.01) H04N 19/44 (2014.01) H04N 19/149 (2014.01) H04N 19/46 (2014.01)

(54) Title
SIGNALING OF PICTURE ORDER COUNT TO TIMING INFORMATION RELATIONS FOR VIDEO TIMING IN VIDEO CODING

(57) Abstract

In an example, the disclosure provides for receiving a coded video sequence comprising encoded pictures of a video sequence and receiving timing parameters for the coded video sequence that include an indication of whether a picture order count (POC) value for each picture in the coded video sequence that is not a first picture in the coded video sequence according to a decoding order is proportional to an output time of the picture relative to an output time of the first picture in the coded video sequence in a video parameter set (VPS) syntax structure referenced by the coded video sequence. Another example provides for encoding pictures of a video sequence to generate the coded video sequence comprising the encoded pictures and signaling timing parameters for the coded video sequence by signaling the indication in the VPS syntax structure referenced by the coded video sequence.

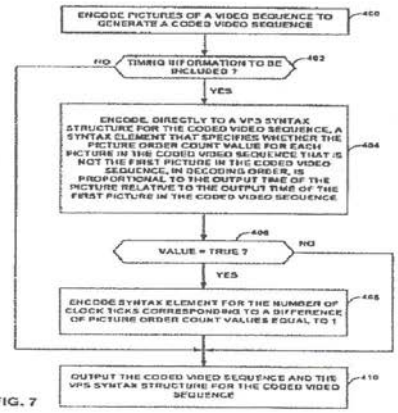


FIG. 7

(56) Documents Cited :

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4796

(21) Application No : AP/P/2013/007083

(22) Filing Date : 28.08.2013

(24) Date of Grant & (45) Publication : 12/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2013/03848	28.05.2013

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

(73) Applicant(s)
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(72) Inventors
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(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : A01N 25/00 (2006.01) A01N 43/00 (2006.01)

(54) Title
A systemic pesticide composition for the treatment of sugarcane infested by thrips

(57) Abstract

A systemic pesticide composition for the treatment of sugarcane infested by thrips (Thysanoptera: Thripidae), the active ingredient of the pesticide composition comprising a neonicotinoid of the formula C10H11CIN4 .

(56) Documents Cited :

CN102626077 A
CN102228051 A
CN102578132 A
CN101305724 (A)
CN102318637 A
CN101019547 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4797

(21) Application No : AP/P/2015/008711

(22) Filing Date : 11.02.2014

(24) (45) Date of Grant & Publication : 12/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/787,842	15.03.2013
US	14/109,359	17.12.2013

(84) Designated States:
BW GH KE LR MW MZ NA
RW SL TZ ZM ZW

(73) Applicant(s)
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LOVELL Allyson, United States of America
HENRY Benjamin, United States of America
et al

(74) Representative
FISHER CORMACK & BOTHA, Malawi

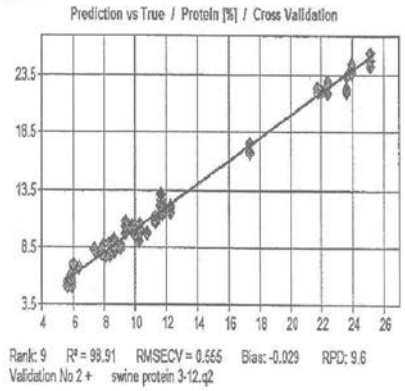
(51) International Classification : A23K 1/00 (2006.01)

(54) Title
SYSTEMS AND METHODS FOR ANALYZING ANIMAL FEED

(57) Abstract

The present invention relates to systems and methods for analyzing animal feeds. In particular, the present disclosure relates to in vitro systems and methods for analyzing animal feed for metabolism of nutrients and energy sources. Most animal feeds have as a primary goal the provision of at least a minimum requirement of nutrition to sustain the animals to which it is fed. Livestock (e.g., bovines, porcines, poultry, fish, etc.) have been selected over the past 20-50 years for specific characteristics such as growth, leanness, and metabolism efficiency.

Figure 3



(56) Documents Cited :

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4798

(21) Application No : AP/P/2015/008731

(22) Filing Date : 05.03.2014

(24) Date of Grant & (45) Publication : 12/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/792,800	15.03.2013

(84) Designated States: GH KE

(73) Applicant(s)
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(72) Inventors
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KIKLY Kristine Kay, United States of America
STRIFLER Beth Ann, United States of America
et al

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C07K 16/18 (2006.01) C07K 16/24 (2006.01)

(54) Title
Pan-ELR+ CXC CHEMOKINE ANTIBODIES

(57) Abstract

Antibodies are provided that specifically bind seven human ELR

(56) Documents Cited : CHUNTHARAPAI A et al WO 2008/130969 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4799

(21) Application No : AP/P/2015/008833

(22) Filing Date : 27.03.2014

(24) Date of Grant & (45) Publication : 12/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
FI	20135307	02.04.2013

(84) Designated States:
BW GH KE NA TZ ZM

(73) Applicant(s)
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(72) Inventors
YLÖSJOKI Matti, Finland

(74) Representative
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) International Classification : A47K 11/02 (2006.01) C05F 3/06 (2006.01)

(54) Title
DRY TOILET

(57) Abstract

The invention relates to a dry toilet comprising a compost container (1) defining an inner space (2) for receiving solid waste and liquid waste, wherein the compost container (1) having a side wall structure (3) and a bottom structure (4), an openable and closable container lid (5) for closing the inner space (2) of the compost container (1) and forming at least a part of a top structure of the compost container (1), and a feed opening (6) in the container lid (5). The dry toilet comprises a support structure (7) for supporting the compost container (1) at a base such at the ground. The compost container (1) is connected to the support structure (7) by means of an axis arrangement (8) so that the compost container (1) is tiltable with respect to the support structure (7) about an essentially horizontal axis.

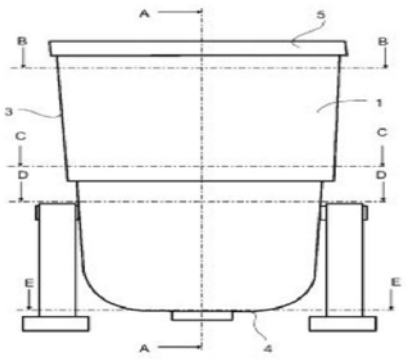


FIG 1

(56) Documents Cited :

EP 0107633 A1
WO 9002720 A1
DE 155302 C
FI 3927 U1
FI 51897 B
NO 124192 B

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4800

(21) Application No : AP/P/2016/009298

(22) Filing Date : 23.12.2014

(24) Date of Grant & (45) Publication : 15/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13199704.1	27.12.2013

(84) Designated States: TZ

(73) Applicant(s)
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(72) Inventors
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GULLBERG Daniel, Sweden
KIVISÄKK Ulf, Sweden
et al

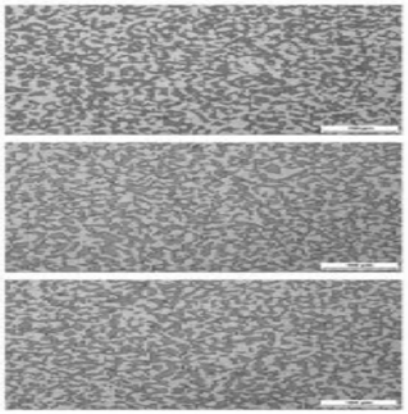
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C22C 33/02 (2006.01), C22C 38/40 (2006.01), F28F 19/06 (2006.01), F28F 21/08 (2006.01)

(54) Title
CORROSION RESISTANT DUPLEX STEEL ALLOY, OBJECTS MADE THEREOF, AND METHOD OF MAKING THE ALLOY

(57) Abstract

Disclosed is a Hot Isostatic Pressed ferritic-austenitic steel alloy, as well objects thereof. The elementary composition of the alloy comprises, in percentages by weight: C 0 - 0.05; Si 0 - 0.8; Mn 0 - 4.0; Cr more than 29 - 35; Ni 3.0 - 10; Mo 0 - 4.0; N 0.30 - 0.55; Cu 0 - 0.8; W 0 - 3.0; S 0 - 0.03; Ce 0 - 0.2; the balance being Fe and unavoidable impurities. The objects can be particularly useful in making components for a urea production plant that require processing such as machining or drilling. A preferred use is in making, or replacing, liquid distributors as used in a stripper as is typically present in the high-pressure synthesis section of a urea plant.



(56) Documents Cited :
WO 2013/.064746 A1
WO 2013/165247 A1
WO 95/00674 A1
EP 0 692 547 A1
US 7 347 903 B2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4801

(21) Application No : AP/P/2015/008533

(22) Filing Date : 19.12.2013

(24) Date of Grant & (45) Publication : 16/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/745,466	21.12.2012
US	61/890,125	11.10.2013

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

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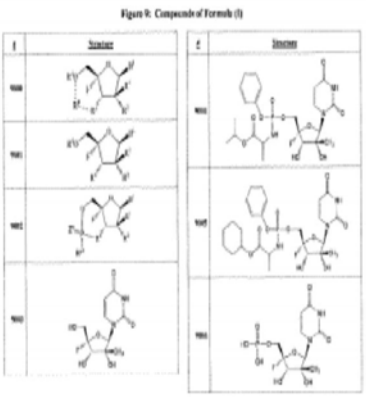
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(51) International Classification :
C07H 19/067 (2006.01)
C07H 19/10 (2006.01)
C07H 19/173 (2006.01)
C07H 19/213 (2006.01)
A61K 31/7076(2006.01)
A61K 31/7068(2006.01)
C07H 19/073 (2006.01)
C07H 19/167 (2006.01)
C07H 19/20 (2006.01)
A61K 31/708 (2006.01)
A61K 31/7072(2006.01)
A61P 31/14 (2006.01)

(54) Title
SUBSTITUTED NUCLEOSIDES, NUCLEOTIDES AND ANALOGS THEREOF

(57) Abstract

Disclosed herein are nucleotide analogs, methods of synthesizing nucleotide analogs and methods of treating diseases and/or conditions such as a HCV infection with one or more nucleotide analogs.



(56) Documents Cited :
WO 2014186637 A1
WO 2012088155 A1
WO 2008121634 A2
WO 2014209979 A1
WO 2009152095 A2
WO 2014186637 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4802

(21) Application No : AP/P/2015/008351

(22) Filing Date : 04.10.2013

(24) Date of Grant & (45) Publication : 19/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/710,154	05.10.2012

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

(73) Applicant(s)
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BURTON Stephanie, United States of America
et al

(74) Representative
FISHER CORMACK & BOTHA, Malawi

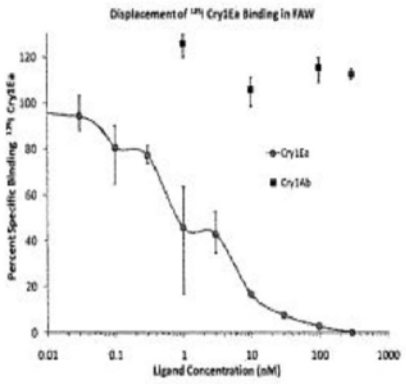
(51) International Classification : A01H 1/00 (2006.01) A01P 7/00 (2006.01) A01H 5/00 (2006.01)

(54) Title
USE OF CRY1EA IN COMBINATIONS FOR MANAGEMENT OF RESISTANT FALL ARMYWORM INSECTS

(57) Abstract

The subject invention includes methods and plants for controlling fall army worm lepidopteran insects, said plants comprising a CrylEa insecticidal protein and a second insecticidal protein selected from the group of CrylAb, CrylBe, CrylCa, CrylDa, and Vip3Ab to delay or prevent development of resistance by the insects.

Figure 1



(56) Documents Cited :

US 2005/155103 A1
EP 0 461 799 A2
EP 1 487 868 B1
WO 1995/030753 A1
WO 2011/075588 A1
WO 1999/024581 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4803

(21) Application No : AP/P/2015/008816

(22) Filing Date : 11.05.2011

(24) (45) Date of Grant & Publication : 20/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/333,288	11.05.2010

(84) Designated States:

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

(73) Applicant(s)
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(51) International Classification : H02M 5/14 (2006.01) H02J 3/46 (2006.01) H02M 5/458 (2006.01)

(54) Title
METHODS AND APPARATUS FOR SUPPLYING THREE PHASE POWER

(57) Abstract

The present invention provides methods and apparatus for converting a single phase power supply source into a three phase power supply source. The single phase power supply source is utilised as a first output of the three phase power supply source, whilst the second and third outputs of the three phase power supply source are created utilising part of the single phase power supply source combined with a phase shifting inverting circuit.

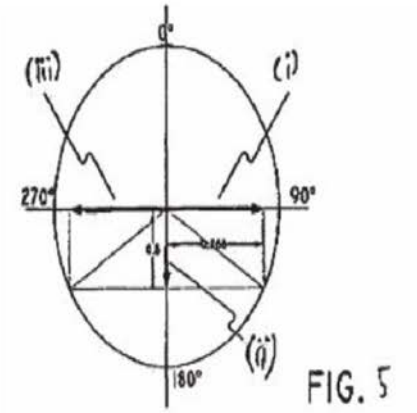


FIG. 5

(56) Documents Cited : US 6275405 B1 US 4100596 A OUYANG, F., et al

Patents Granted (Contd.)

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

(11) Patent No : AP 4804

(21) Application No : AP/P/2015/008820

(22) Filing Date : 23.04.2014

(24) Date of Grant & (45) Publication : 20/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/815,525	24.04.2013
US	61/892,579	18.10.2013

(84) Designated States: KE

(73) Applicant(s)

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ADC CZECH REPUBLIC S.R.O, Turanka 856/98B, 62700 Brno, Czech Republic

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KEUSTERMANS Eric, Belgium
et al

(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : G02B 6/44 (2006.01) H02G 15/007 (2006.01)

(54) Title

OPTICAL FIBER DISTRIBUTION SYSTEM

(57) Abstract

A cable mount (786) for fixing a strength member of a fiber optic cable to a fixture includes a front end (716), a rear end (718), and a longitudinal channel (720) therebetween, the channel defined by upper and lower transverse walls (731, 733) and a vertical divider wall (735). The channel receives a portion of the cable. A strength member pocket (724) receives the strength member of the cable, the pocket located on an opposite side of the divider wall from the longitudinal channel, the pocket communicating with the longitudinal channel through an opening on the divider wall. A strength member clamp fixes the strength member of the cable against axial pull. Cable management structures in the form of spools (727) define at least one notch (797) that communicates with the longitudinal channel for guiding optical fibers extending from a jacket either upwardly or downwardly therethrough. The cable mount also allows routing of the optical fibers through the longitudinal channel all the way from the rear end to the front end.

(56) Documents Cited : US 2012/0230646 A1 US 2008/0169116 A1 WO 2008/048935 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4805

(21) Application No : AP/P/2015/008892

(22) Filing Date : 21.05.2014

(24) Date of Grant & (45) Publication : 20/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13168608.1	21.05.2013
EP	14150826.7	10.01.2014

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

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et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C12N 7/00 (2006.01)

(54) Title
BUNYAVIRUSES WITH SEGMENTED GLYCOPROTEIN PRECURSOR GENES AND METHODS FOR GENERATING THESE VIRUSES

(57) Abstract

The invention relates to a bunyavirus, in which separated (NSm)Gn and Ge coding regions are functionally present on two different genome segments, preferably a bunyavirus that comprises a total of at least 4 genome segments. The invention further relates to methods for producing said bunyavirus, and to a composition comprising said bunyavirus and a suitable excipient.

(56) Documents Cited : WO 2011/095760 A1 WO 2012/039607 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4806

(21) Application No : AP/P/2015/008962

(22) Filing Date : 25.11.2015

(24) Date of Grant & (45) Publication : 20/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2014/08682	26.11.2014

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

(73) Applicant(s)
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LIDDELL Keith Stuart, United Kingdom

(74) Representative
ENSafrica Namibia, Namibia

(51) International Classification : C01G 5/00 (2006.01) C22B 11/06 (2006.01)

(54) Title
TREATMENT PROCESS FOR EXTRACTION OF PRECIOUS, BASE AND RARE ELEMENTS

(57) Abstract

This invention describes a hydrometallurgical process for the recovery and separation of valuable elements, in particular gold and silver, from a feed material comprising a refractory, intractable or otherwise poorly responding to conventional treatment routes ores, concentrates and other materials. In particular, the process is a process integrated into one or more existing value element extraction processes.

(56) Documents Cited : US 5 711 390 A WO 2008/038321 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4807

(21) Application No : AP/P/2015/008826

(22) Filing Date : 26.10.2011

(24) Date of Grant & (45) Publication : 21/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/407,423	27.10.2010
US	13/250,918	30.09.2011

(84) Designated States: KE RW

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(74) Representative
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(51) International Classification : G06Q 20/00 (2012.01) H04L 9/32 (2006.01)

(54) Title

INTEGRATION OF VERIFICATION TOKENS WITH MOBILE COMMUNICATION DEVICES

(57) Abstract

Apparatuses, methods, and systems pertaining to the verification of portable consumer devices are disclosed. In one implementation, a verification token is communicatively coupled to a computer by a USB connection so as to use the computers networking facilities. The verification token reads identification information from a users portable consumer device (e.g., credit card) and sends the information to a validation entry over a communications network using the computers networking facilities. The validation entity applies one or more validation tests to the information that it receives from the verification token. If a selected number of tests are passed, the validation entity sends a device verification value to the verification token, and optionally to a payment processing network. The verification token may enter the device verification value into a CVV field of a web page appearing on the computers display, or may display the value to the user using the computers display.

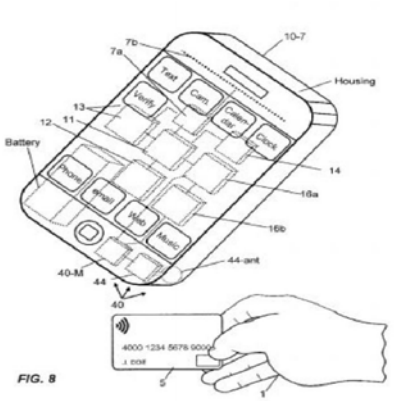


FIG. 8

(56) Documents Cited : JP 2008210370 A KR 20090021388 A US 2009/0048971 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4808

(21) Application No : AP/P/2016/009015

(22) Filing Date : 14.07.2014

(24) Date of Grant & (45) Publication : 21/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1313209.7	24.07.2013

(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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(51) International Classification : A61M 5/32 (2006.01)

(54) Title
HYPODERMIC NEEDLE DESTRUCTION

(57) Abstract

Disclosed is an apparatus for processing a hypodermic needle, comprising: a containment cylinder (17) for receiving the needle; a first electrode (16) for contacting the needle near a first end; a second electrode (20) for contacting the needle at its sharp end; a control system, operable to cause a current to flow in the needle between said first and second electrodes, whereby said current causes the needle to soften and wherein the second electrode is arranged to move within the containment cylinder and to provide a compressive force to the needle, wherein the containment cylinder is arranged to be heated by a heater in the form of a heater coil (not shown) surrounding the containment cylinder during the processing.

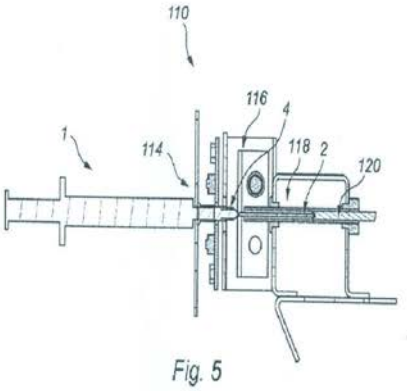


Fig. 5

(56) Documents Cited : WO 2010/086665 A1 US 5 288 964 A US 4 877 934 A
US 2011/0278281 A1 U S3790413 A

Patents Granted (Contd.)

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

(11) Patent No : AP 4809

(21) Application No : AP/P/2015/008882

(22) Filing Date : 05.06.2014

(24) Date of Grant & (45) Publication : 23/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13170909.9	06.06.2013

(84) Designated States:
GH GM KE

(73) Applicant(s)
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(74) Representative
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(51) International Classification :
A61K 9/50 (2006.01)
A61K 31/403 (2006.01)
A61P 9/00 (2006.01)
A61K 31/40 (2006.01)
A61K 31/60 (2006.01)

(54) Title
ORAL FORMULATION FOR THE TREATMENT OF CARDIOVASCULAR DISEASES

(57) Abstract

The present invention relates to a pharmaceutical composition which includes a HMG-CoA reductase inhibitor, in particular, a statin and acetylsalicylic acid in a manner to minimize interaction of acetylsalicylic acid with the statin, for use in the prevention or treatment of cardiovascular diseases.

(56) Documents Cited :
WO 2009/118359 A2
WO 2006/000052 A1
WO 2011/096665 A2
US 2003/049314 A1
US 2012/045505 A1
WO 2003/020243 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4810

(21) Application No : AP/P/2015/008919

(22) Filing Date : 20.06.2014

(24) Date of Grant & (45) Publication : 27/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
IN	2090/MUM/2013	20.06.2013

(84) Designated States:
KE

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JAIN Nilesh, India
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(74) Representative
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(51) International Classification : A61K 9/16 (2006.01) A61K 9/51 (2006.01)

(54) Title
NANOPARTICULATE FORMULATION COMPRISING A TRPA1 ANTAGONIST

(57) Abstract

The present invention relates to a nanoparticulate formulation comprising a transient receptor potential ankyrin-1 receptor ("TRPA1") antagonist. Particularly, the present invention relates to a nanoparticulate formulation comprising a thienopyrimidinedione derivative as a TRPA1 antagonist and a surface stabilizer; a process for preparing such formulation; and its use in treating a respiratory disorder or pain in a subject.

(56) Documents Cited : WO 2010/109334 A2 WO 03/049718 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4811

(21) Application No : AP/P/2015/008825

(22) Filing Date : 17.12.2013

(24) Date of Grant & (45) Publication : 28/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/739,720	19.12.2012

(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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(74) Representative

HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C12N 15/113 (2010.01)

(54) Title

PLANT REGULATORY ELEMENTS AND USES THEREOF

(57) Abstract

The invention provides novel recombinant DNA molecules and constructs useful for modulating gene expression in plants, plant cells, seeds, and progeny plants. The invention also provides transgenic plants, plant cells, plant parts, seeds, and progeny plants comprising the recombinant DNA molecules of the invention, along with methods of their use.

(56) Documents Cited : W0 2012/134921 A2 W0 2011/130894 A1
US 2010/058495 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4812

(21) Application No : AP/P/2010/005368

(22) Filing Date : 07.01.2009

(24) Date of Grant & (45) Publication : 29/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/025,430	01.02.2008

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

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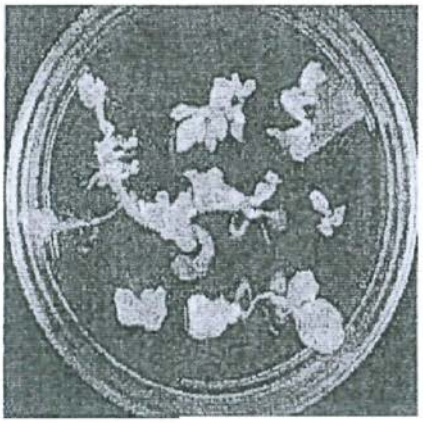
(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C12N 15/87 (2006.01) A01H 4/00 (2006.01)
A01G 7/00 (2006.01)

(54) Title
Regeneration and mass propagation of jatropha curcas through somatic embryogenesis

(57) Abstract

The present invention relates to the field of somatic embryo production, particularly to methods for the regeneration of Jatropha through somatic embryogenesis. More specifically, the present invention relates to a method and media compositions for regeneration of plants oi Jatropha curcas. The method is well suited for Jatropha curcas transformation and for producing clonal planting stock useful for large scale Jatropha curcas plantation.



(56) Documents Cited :

KALIMUTHU K. et al.
SARDANA J. et al.
WO 2008/012832 A2
KRIT J.J.M et al
JHA T.B. at al.
BHOJWANI S.S. et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4813

(21) Application No : AP/P/2016/009125

(22) Filing Date : 15.09.2014

(24) (45) Date of Grant & Publication : 29/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/878,286	16.09.2013

(84) Designated States:

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

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(72) Inventors

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PENMASTA Raju, United States of America
BATRA Hitesh, United States of America
et al

(74) Representative

HONEY & BLANCKENBERG, Zimbabwe

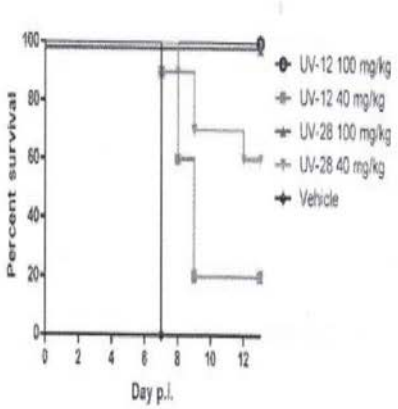
(51) International Classification : A61K 31/445 (2006.01)

(54) Title

DEOXYNOJIRIMYCIN DERIVATIVES AND METHODS OF THEIR USING

(57) Abstract

The present application provide novel iminosugars and their use in treatment of viral infections, such as Dengue infection and Influenza A infection. The present inventors discovered certain deoxynojirimycin derivatives may be effective against one or more viruses, which may be. for example, a Dengue virus and/or a virus belonging to the Orthomyxoviridae family, such as an Influenza A virus. In particular, such deoxynojirimycin derivatives may be useful for treating a disease or condition caused by or associated with one or more viruses. In certain embodiments, the deoxynojirimycin derivatives may increase a survival rate or probability for a subject infected with one or more viruses, which may be, for example, a Dengue virus and/or a virus belonging to the Orthomyxoviridae family, such as an Influenza A virus.



(56) Documents Cited : US 2011/0189771A US 2009/0042268 A1 KATO et al

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C12N 15/87 (2006.01) A01H 4/00 (2006.01) A01G 7/00 (2006.01)	AP/P/2010/005368	AP 4812	PCT/SG09/000015	TEMASEK LIFE SCIENCES LABORATORY LIMITED
A01N 25/00 (2006.01) A01N 43/00 (2006.01)	AP/P/2013/007083	AP 4796		ARYSTA LIFESCIENCE SOUTH AFRICA (PTY) LTD
E01B 9/30 (2006.01)	AP/P/2015/008335	AP 4793	PCT/AU2013/000979	PANDROL AUSTRALIA PTY LTD
A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01P 7/00 (2006.01)	AP/P/2015/008351	AP 4802	PCT/US2013/063485	Dow AgroSciences LLC
H04N 7/26 (2006.01)	AP/P/2015/008469	AP 4787	PCT/EP2013/070093	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
H04W 48/08 (2009.01)	AP/P/2015/008519	AP 4791	PCT/US2013/074413	QUALCOMM INCORPORATED
G06Q 20/00 (2012.01) H04W 4/24 (2009.01)	AP/P/2015/008527	AP 4790	PCT/US2010/023863	NET2TEXT LIMITED
C07H 19/067 (2006.01) C07H 19/073 (2006.01) C07H 19/10 (2006.01) C07H 19/167 (2006.01) C07H 19/173 (2006.01) C07H 19/20 (2006.01) C07H 19/213 (2006.01) A61K 31/708 (2006.01) A61K 31/7076(2006.01) A61K 31/7072(2006.01) A61K 31/7068(2006.01) A61P 31/14 (2006.01)	AP/P/2015/008533	AP 4801	PCT/US2013/076740	Alios BioPharma, Inc.
H04N 19/33 (2014.01) H04N 19/423 (2014.01) H04N 19/436 (2014.01)	AP/P/2015/008560	AP 4792	PCT/US2014/010190	QUALCOMM INCORPORATED
H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)	AP/P/2015/008577	AP 4795	PCT/US2013/077279	QUALCOMM INCORPORATED
H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)	AP/P/2015/008575	AP 4794	PCT/US2013/077267	QUALCOMM INCORPORATED
A23K 1/00 (2006.01)	AP/P/2015/008711	AP 4797	PCT/US2014/015729	ALLTECH, INC.
C07K 16/18 (2006.01) C07K 16/24 (2006.01)	AP/P/2015/008731	AP 4798	PCT/US2014/020605	ELI LILLY AND COMPANY
G02B 6/44 (2006.01) H02G 15/007 (2006.01)	AP/P/2015/008820	AP 4804	PCT/EP2014/058196	TYCO ELECTRONICS RAYCHEM BVBA
C12N 15/113 (2010.01)	AP/P/2015/008825	AP 4811	PCT/US2013/075813	MONSANTO TECHNOLOGY LLC
G06Q 20/00 (2012.01) H04L 9/32 (2006.01)	AP/P/2015/008826	AP 4807	PCT/US2011/057889	VISA INTERNATIONAL SERVICE ASSOCIATION
A47K 11/02 (2006.01) C05F 3/06 (2006.01)	AP/P/2015/008833	AP 4799	PCT/FI2014/050220	EKOLET OY
A61K 9/50 (2006.01) A61K 31/40 (2006.01) A61K 31/403 (2006.01) A61K 31/60 (2006.01) A61P 9/00 (2006.01)	AP/P/2015/008882	AP 4809	PCT/EP2014/061735	FERRER INTERNACIONAL, S.A.
A61K 9/16 (2006.01) A61K 9/51 (2006.01)	AP/P/2015/008919	AP 4810	PCT/IB2014/062462	GLENMARK PHARMACEUTICALS S.A.

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IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C01G 5/00 (2006.01) C22B 11/06 (2006.01)	AP/P/2015/008962	AP 4806		LIFEZONE LIMITED
A61M 5/32 (2006.01)	AP/P/2016/009015	AP 4808	PCT/GB2014/052135	NEEDLESMART LTD
A61K 31/445 (2006.01)	AP/P/2016/009125	AP 4813	PCT/US2014/055599	EMERGENT VIROLOGY LLC
C22C 33/02 (2006.01) C22C 38/40 (2006.01) F28F 19/06 (2006.01) F28F 21/08 (2006.01)	AP/P/2016/009298	AP 4800	PCT/NL2014/050902	STAMICARBON B. V.
B01J 20/12 (2006.01) B01J 20/30 (2006.01) B01J 20/22 (2006.01) C11B 3/10 (2006.01)	AP/P/2016/009401	AP 4784	PCT/EP2015/053683	CLARIANT INTERNATIONAL LTD
C07D 498/14 (2006.01) A61K 31/529 (2006.01) A61P 35/00 (2006.01)	AP/P/2016/009483	AP 4785	PCT/EP2015/057546	BAYER PHARMA AKTIENGESELLSCHAFT
C07D 417/08 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01)	AP/P/2016/009530	AP 4786	PCT/IB2015/052833	PFIZER INC.
A01N 3/02 (2006.01) B65D 85/50 (2006.01) A01N 59/02 (2006.01)	AP/P/2016/009567	AP 4789	PCT/IB2015/053303	TESSARA (PTY) LTD
C12N 7/00 (2006.01)	AP/P/2015/008892	AP 4805	PCT/NL2014/050321	STICHTING WAGENINGEN RESEARCH
H02M 5/14 (2006.01) H02M 5/458 (2006.01) H02J 3/46 (2006.01)	AP/P/2015/008816	AP 4803	PCT/AU2011/000545	TRiiiON Holdings Pty Ltd
H04W 48/20 (2009.01)	AP/P/2015/008471	AP 4788	PCT/US2013/069825	QUALCOMM INCORPORATED

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Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
TEMASEK LIFE SCIENCES LABORATORY LIMITED	AP/P/2010/005368	AP 4812	PCT/SG09/000015	C12N 15/87 (2006.01) A01H 4/00 (2006.01) A01G 7/00 (2006.01)
ARYSTA LIFESCIENCE SOUTH AFRICA (PTY) LTD	AP/P/2013/007083	AP 4796		A01N 25/00 (2006.01) A01N 43/00 (2006.01)
PANDROL AUSTRALIA PTY LTD	AP/P/2015/008335	AP 4793	PCT/AU2013/000979	E01B 9/30 (2006.01)
Dow AgroSciences LLC	AP/P/2015/008351	AP 4802	PCT/US2013/063485	A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01P 7/00 (2006.01)
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	AP/P/2015/008469	AP 4787	PCT/EP2013/070093	H04N 7/26 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008519	AP 4791	PCT/US2013/074413	H04W 48/08 (2009.01)
NET2TEXT LIMITED	AP/P/2015/008527	AP 4790	PCT/US2010/023863	G06Q 20/00 (2012.01) H04W 4/24 (2009.01)
Alios BioPharma, Inc.	AP/P/2015/008533	AP 4801	PCT/US2013/076740	C07H 19/067 (2006.01) C07H 19/073 (2006.01) C07H 19/10 (2006.01) C07H 19/167 (2006.01) C07H 19/173 (2006.01) C07H 19/20 (2006.01) C07H 19/213 (2006.01) A61K 31/708 (2006.01) A61K 31/7076(2006.01) A61K 31/7077(2006.01) A61K 31/7068(2006.01) A61P 31/14 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008560	AP 4792	PCT/US2014/010190	H04N 19/33 (2014.01) H04N 19/423 (2014.01) H04N 19/436 (2014.01)
QUALCOMM INCORPORATED	AP/P/2015/008577	AP 4795	PCT/US2013/077279	H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)
QUALCOMM INCORPORATED	AP/P/2015/008575	AP 4794	PCT/US2013/077267	H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)
ALLTECH, INC.	AP/P/2015/008711	AP 4797	PCT/US2014/015729	A23K 1/00 (2006.01)
ELI LILLY AND COMPANY	AP/P/2015/008731	AP 4798	PCT/US2014/020605	C07K 16/18 (2006.01) C07K 16/24 (2006.01)
TYCO ELECTRONICS RAYCHEM BVBA	AP/P/2015/008820	AP 4804	PCT/EP2014/058196	G02B 6/44 (2006.01) H02G 15/007 (2006.01)
MONSANTO TECHNOLOGY LLC	AP/P/2015/008825	AP 4811	PCT/US2013/075813	C12N 15/113 (2010.01)
VISA INTERNATIONAL SERVICE ASSOCIATION	AP/P/2015/008826	AP 4807	PCT/US2011/057889	G06Q 20/00 (2012.01) H04L 9/32 (2006.01)
EKOLET OY	AP/P/2015/008833	AP 4799	PCT/FI2014/050220	A47K 11/02 (2006.01) C05F 3/06 (2006.01)
FERRER INTERNACIONAL, S.A.	AP/P/2015/008882	AP 4809	PCT/EP2014/061735	A61K 9/50 (2006.01) A61K 31/40 (2006.01) A61K 31/403 (2006.01) A61K 31/60 (2006.01) A61P 9/00 (2006.01)
GLENMARK PHARMACEUTICALS S.A.	AP/P/2015/008919	AP 4810	PCT/IB2014/062462	A61K 9/16 (2006.01) A61K 9/51 (2006.01)
LIFEZONE LIMITED	AP/P/2015/008962	AP 4806		C01G 5/00 (2006.01) C22B 11/06 (2006.01)

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NEEDLESMART LTD	AP/P/2016/009015	AP 4808	PCT/GB2014/052135	A61M 5/32 (2006.01)
EMERGENT VIROLOGY LLC	AP/P/2016/009125	AP 4813	PCT/US2014/055599	A61K 31/445 (2006.01)
STAMICARBON B. V.	AP/P/2016/009298	AP 4800	PCT/NL2014/050902	C22C 33/02 (2006.01) C22C 38/40 (2006.01) F28F 19/06 (2006.01) F28F 21/08 (2006.01)
CLARIANT INTERNATIONAL LTD	AP/P/2016/009401	AP 4784	PCT/EP2015/053683	B01J 20/12 (2006.01) B01J 20/30 (2006.01) B01J 20/22 (2006.01) C11B 3/10 (2006.01)
BAYER PHARMA AKTIENGESELLSCHAFT	AP/P/2016/009483	AP 4785	PCT/EP2015/057546	C07D 498/14 (2006.01) A61K 31/529 (2006.01) A61P 35/00 (2006.01)
PFIZER INC.	AP/P/2016/009530	AP 4786	PCT/IB2015/052833	C07D 417/08 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01)
TESSARA (PTY) LTD	AP/P/2016/009567	AP 4789	PCT/IB2015/053303	A01N 3/02 (2006.01) B65D 85/50 (2006.01) A01N 59/02 (2006.01)
STICHTING WAGENINGEN RESEARCH	AP/P/2015/008892	AP 4805	PCT/NL2014/050321	C12N 7/00 (2006.01)
TRiiiON Holdings Pty Ltd	AP/P/2015/008816	AP 4803	PCT/AU2011/000545	H02M 5/14 (2006.01) H02M 5/458 (2006.01) H02J 3/46 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008471	AP 4788	PCT/US2013/069825	H04W 48/20 (2009.01)

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AP/P/2010/005368	AP 4812	PCT/SG09/000015	TEMASEK LIFE SCIENCES LABORATORY LIMITED	C12N 15/87 (2006.01) A01H 4/00 (2006.01) A01G 7/00 (2006.01)
AP/P/2013/007083	AP 4796		ARYSTA LIFESCIENCE SOUTH AFRICA (PTY) LTD	A01N 25/00 (2006.01) A01N 43/00 (2006.01)
AP/P/2015/008335	AP 4793	PCT/AU2013/000979	PANDROL AUSTRALIA PTY LTD	E01B 9/30 (2006.01)
AP/P/2015/008351	AP 4802	PCT/US2013/063485	Dow AgroSciences LLC	A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01P 7/00 (2006.01)
AP/P/2015/008469	AP 4787	PCT/EP2013/070093	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	H04N 7/26 (2006.01)
AP/P/2015/008519	AP 4791	PCT/US2013/074413	QUALCOMM INCORPORATED	H04W 48/08 (2009.01)
AP/P/2015/008527	AP 4790	PCT/US2010/023863	NET2TEXT LIMITED	G06Q 20/00 (2012.01) H04W 4/24 (2009.01)
AP/P/2015/008533	AP 4801	PCT/US2013/076740	Alios BioPharma, Inc.	C07H 19/067 (2006.01) C07H 19/073 (2006.01) C07H 19/10 (2006.01) C07H 19/167 (2006.01) C07H 19/173 (2006.01) C07H 19/20 (2006.01) C07H 19/213 (2006.01) A61K 31/708 (2006.01) A61K 31/7076 (2006.01) A61K 31/7072 (2006.01) A61K 31/7068 (2006.01) A61P 31/14 (2006.01)
AP/P/2015/008560	AP 4792	PCT/US2014/010190	QUALCOMM INCORPORATED	H04N 19/33 (2014.01) H04N 19/423 (2014.01) H04N 19/436 (2014.01)
AP/P/2015/008577	AP 4795	PCT/US2013/077279	QUALCOMM INCORPORATED	H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)
AP/P/2015/008575	AP 4794	PCT/US2013/077267	QUALCOMM INCORPORATED	H04N 19/70 (2014.01) H04N 19/149 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01)
AP/P/2015/008711	AP 4797	PCT/US2014/015729	ALLTECH, INC.	A23K 1/00 (2006.01)
AP/P/2015/008731	AP 4798	PCT/US2014/020605	ELI LILLY AND COMPANY	C07K 16/18 (2006.01) C07K 16/24 (2006.01)
AP/P/2015/008820	AP 4804	PCT/EP2014/058196	TYCO ELECTRONICS RAYCHEM BVBA	G02B 6/44 (2006.01) H02G 15/007 (2006.01)
AP/P/2015/008825	AP 4811	PCT/US2013/075813	MONSANTO TECHNOLOGY LLC	C12N 15/113 (2010.01)
AP/P/2015/008826	AP 4807	PCT/US2011/057889	VISA INTERNATIONAL SERVICE ASSOCIATION	G06Q 20/00 (2012.01) H04L 9/32 (2006.01)
AP/P/2015/008833	AP 4799	PCT/FI2014/050220	EKOLET OY	A47K 11/02 (2006.01) C05F 3/06 (2006.01)
AP/P/2015/008882	AP 4809	PCT/EP2014/061735	FERRER INTERNACIONAL, S.A.	A61K 9/50 (2006.01) A61K 31/40 (2006.01) A61K 31/403 (2006.01) A61K 31/60 (2006.01) A61P 9/00 (2006.01)
AP/P/2015/008919	AP 4810	PCT/IB2014/062462	GLENMARK PHARMACEUTICALS S.A.	A61K 9/16 (2006.01) A61K 9/51 (2006.01)
AP/P/2015/008962	AP 4806		LIFEZONE LIMITED	C01G 5/00 (2006.01) C22B 11/06 (2006.01)

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ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/P/2016/009015	AP 4808	PCT/GB2014/052135	NEEDLESMART LTD	A61M 5/32 (2006.01)
AP/P/2016/009125	AP 4813	PCT/US2014/055599	EMERGENT VIROLOGY LLC	A61K 31/445 (2006.01)
AP/P/2016/009298	AP 4800	PCT/NL2014/050902	STAMICARBON B. V.	C22C 33/02 (2006.01) C22C 38/40 (2006.01) F28F 19/06 (2006.01) F28F 21/08 (2006.01)
AP/P/2016/009401	AP 4784	PCT/EP2015/053683	CLARIANT INTERNATIONAL LTD	B01J 20/12 (2006.01) B01J 20/30 (2006.01) B01J 20/22 (2006.01) C11B 3/10 (2006.01)
AP/P/2016/009483	AP 4785	PCT/EP2015/057546	BAYER PHARMA AKTIENGESELLSCHAFT	C07D 498/14 (2006.01) A61K 31/529 (2006.01) A61P 35/00 (2006.01)
AP/P/2016/009530	AP 4786	PCT/IB2015/052833	PFIZER INC.	C07D 417/08 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01)
AP/P/2016/009567	AP 4789	PCT/IB2015/053303	TESSARA (PTY) LTD	A01N 3/02 (2006.01) B65D 85/50 (2006.01) A01N 59/02 (2006.01)
AP/P/2015/008892	AP 4805	PCT/NL2014/050321	STICHTING WAGENINGEN RESEARCH	C12N 7/00 (2006.01)
AP/P/2015/008816	AP 4803	PCT/AU2011/000545	TRiiiON Holdings Pty Ltd	H02M 5/14 (2006.01) H02M 5/458 (2006.01) H02J 3/46 (2006.01)
AP/P/2015/008471	AP 4788	PCT/US2013/069825	QUALCOMM INCORPORATED	H04W 48/20 (2009.01)

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AP 1846	AP/P/2002/002469	21.03.2019	04.04.2020	17th yr
AP 2092	AP/P/2002/002690	10.05.2019	05.06.2020	18th yr
AP 2123	AP/P/2003/002848	08.05.2019	07.03.2020	17th yr
AP 1592	AP/P/2003/002923	10.05.2019	14.06.2020	17th yr
AP 1909	AP/P/2004/003063	10.05.2019	16.06.2020	15th yr
AP 2486	AP/P/2006/003695	03.05.2019	24.07.2020	13th yr
AP 2441	AP/P/2006/003822	10.05.2019	21.05.2020	14th yr
AP 2815	AP/P/2007/003870	03.05.2019	01.06.2020	14th yr
AP 2239	AP/P/2007/003913	17.05.2019	06.07.2020	14th yr
AP 2437	AP/P/2007/004228	14.05.2019	15.05.2020	13th yr
AP 2383	AP/P/2007/004264	10.05.2019	06.06.2020	13th yr
AP 2234	AP/P/2007/004265	10.05.2019	06.06.2020	13th yr
AP 2547	AP/P/2008/004298	10.05.2019	26.06.2020	13th yr
AP 2733	AP/P/2008/004300	10.05.2019	26.06.2020	13th yr
AP 2386	AP/P/2008/004303	10.05.2019	26.06.2020	13th yr
AP 2694	AP/P/2008/004334	10.05.2019	29.06.2020	13th yr
AP 2645	AP/P/2008/004335	10.05.2019	29.06.2020	13th yr
AP 2392	AP/P/2008/004584	24.04.2019	31.03.2020	13th yr
AP 2341	AP/P/2008/004616	27.04.2019	02.05.2020	13th yr
AP 2962	AP/P/2008/004666	26.04.2019	09.05.2020	12th yr
AP 2268	AP/P/2008/004670	26.04.2019	09.05.2020	12th yr
AP 2416	AP/P/2008/004673	10.05.2019	06.06.2020	12th yr
AP 2667	AP/P/2008/004675	15.04.2019	23.05.2020	12th yr
AP 2069	AP/P/2008/004679	10.05.2019	22.06.2020	12th yr
AP 2618	AP/P/2008/004682	10.05.2019	22.06.2020	12th yr
AP 2525	AP/P/2008/004683	10.05.2019	17.05.2020	12th yr
AP 2627	AP/P/2008/004686	26.04.2019	14.05.2020	12th yr
AP 2534	AP/P/2008/004695	27.04.2019	21.05.2020	12th yr
AP 2484	AP/P/2008/004697	26.04.2019	14.05.2020	12th yr
AP 2440	AP/P/2008/004703	10.05.2019	24.05.2020	12th yr
AP 3196	AP/P/2009/004936	03.05.2019	27.07.2020	10th yr
AP 3366	AP/P/2009/004973	18.04.2019	16.09.2020	10th yr
AP 2751	AP/P/2009/005034	30.04.2019	06.05.2020	11th yr
AP 3369	AP/P/2009/005052	10.05.2019	21.05.2020	12th yr
AP 3195	AP/P/2009/005060	17.05.2019	09.06.2020	11th yr
AP 2522	AP/P/2009/005061	10.05.2019	19.05.2020	11th yr
AP 2661	AP/P/2009/005062	10.05.2019	19.05.2020	11th yr
AP 2622	AP/P/2009/005093	10.05.2019	16.06.2020	11th yr
AP 2998	AP/P/2010/005109	10.05.2019	17.06.2020	11th yr

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AP 3053	AP/P/2010/005417	14.05.2019	17.03.2020	10th yr
AP 3053	AP/P/2010/005417	14.05.2019	17.03.2011	1st yr
AP 3209	AP/P/2010/005429	27.04.2019	01.05.2020	10th yr
AP 2973	AP/P/2010/005440	26.04.2019	19.05.2020	10th yr
AP 3044	AP/P/2010/005500	26.04.2019	27.05.2020	10th yr
AP 3333	AP/P/2010/005516	10.05.2019	29.06.2020	10th yr
AP 3620	AP/P/2011/005555	10.05.2019	29.06.2020	10th yr
AP 4302	AP/P/2011/005617	05.04.2019	07.03.2020	8th yr
AP 2946	AP/P/2011/005946	05.04.2019	15.04.2020	9th yr
AP 3052	AP/P/2011/005950	05.04.2019	06.04.2020	9th yr
AP 3622	AP/P/2011/005987	07.05.2019	12.05.2020	9th yr
AP 3074	AP/P/2011/006015	07.05.2019	11.05.2020	9th yr
AP 3251	AP/P/2011/006016	10.05.2019	11.06.2020	9th yr
AP 3532	AP/P/2011/006024	30.04.2019	10.05.2020	9th yr
AP 3664	AP/P/2011/006048	09.05.2019	14.05.2020	9th yr
AP 3257	AP/P/2011/006049	26.04.2019	27.05.2020	9th yr
AP 3631	AP/P/2012/006067	26.04.2019	17.06.2020	9th yr
AP 3720	AP/P/2012/006070	10.05.2019	16.06.2020	9th yr
AP 4202	AP/P/2012/006468	07.05.2019	09.02.2020	8th yr
AP 3598	AP/P/2012/006474	05.04.2019	17.03.2020	8th yr
AP 3382	AP/P/2012/006486	13.04.2019	12.04.2020	8th yr
AP 3871	AP/P/2012/006496	03.05.2019	30.07.2020	7th yr
AP 3285	AP/P/2012/006502	10.05.2019	01.06.2020	8th yr
AP 3606	AP/P/2012/006525	12.04.2019	14.04.2020	8th yr
AP 3636	AP/P/2012/006563	05.04.2019	15.04.2020	8th yr
AP 3625	AP/P/2012/006578	07.05.2019	11.05.2020	8th yr
AP 4572	AP/P/2012/006589	26.04.2019	09.05.2020	8th yr
AP 3151	AP/P/2012/006597	26.04.2019	18.05.2020	8th yr
AP 3845	AP/P/2012/006621	10.05.2019	28.06.2020	8th yr
AP 4440	AP/P/2012/006622	10.05.2019	28.06.2020	8th yr
AP 3524	AP/P/2012/006626	09.04.2019	31.05.2020	8th yr
AP 3599	AP/P/2012/006628	05.04.2019	28.04.2020	8th yr
AP 4004	AP/P/2012/006629	17.05.2019	28.05.2020	9th yr
AP 4744	AP/P/2012/006632	08.05.2019	10.05.2020	8th yr
AP 3212	AP/P/2012/006648	26.04.2019	25.05.2020	8th yr
AP 4426	AP/P/2013/006664	09.04.2019	07.04.2020	8th yr
AP 4129	AP/P/2013/006752	13.05.2019	13.05.2020	8th yr
AP 4465	AP/P/2013/006800	05.04.2019	08.04.2020	6th yr

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AP 4626	AP/P/2013/007235	07.05.2019	11.05.2020	7th yr
AP 3865	AP/P/2013/007237	26.04.2019	10.05.2020	7th yr
AP 3764	AP/P/2013/007248	26.04.2019	27.05.2020	8th yr
AP 3884	AP/P/2013/007254	26.04.2019	21.05.2020	7th yr
AP 3694	AP/P/2013/007258	29.04.2019	17.05.2020	7th yr
AP 3716	AP/P/2013/007260	19.04.2019	18.04.2020	7th yr
AP 3987	AP/P/2013/007270	26.04.2019	10.05.2020	7th yr
AP 3988	AP/P/2013/007273	09.05.2019	15.05.2020	7th yr
AP 3900	AP/P/2013/007305	09.05.2019	15.05.2020	7th yr
AP 3888	AP/P/2013/007308	26.04.2019	11.05.2020	7th yr
AP 4669	AP/P/2013/007311	10.05.2019	16.05.2020	7th yr
AP 4656	AP/P/2013/007328	06.05.2019	31.05.2020	7th yr
AP 3310	AP/P/2013/007338	03.05.2019	19.06.2020	7th yr
AP 4319	AP/P/2013/007346	06.05.2019	31.05.2020	7th yr
AP 3802	AP/P/2014/007374	10.05.2019	21.06.2020	7th yr
AP 3793	AP/P/2014/007403	17.05.2019	06.07.2020	7th yr
AP 4442	AP/P/2014/007681	17.05.2019	29.05.2020	7th yr
AP 4657	AP/P/2014/007682	17.05.2019	29.05.2020	7th yr
AP 4556	AP/P/2014/007683	17.05.2019	29.05.2020	7th yr
AP 4350	AP/P/2014/007773	03.05.2019	09.07.2020	5th yr
AP 4431	AP/P/2014/007866	26.04.2019	02.05.2020	7th yr
AP 4434	AP/P/2014/007975	05.04.2019	05.04.2020	6th yr
AP 4675	AP/P/2014/008019	05.04.2019	10.04.2020	6th yr
AP 4499	AP/P/2014/008042	23.04.2019	01.05.2020	7th yr
AP 3546	AP/P/2014/008076	10.05.2019	08.06.2020	6th yr
AP 3832	AP/P/2014/008080	26.04.2019	02.05.2020	6th yr
AP 4719	AP/P/2014/008081	26.04.2019	02.05.2020	6th yr
AP 3891	AP/P/2014/008082	26.04.2019	02.05.2020	6th yr
AP 4323	AP/P/2014/008084	03.05.2019	22.05.2020	6th yr
AP 4638	AP/P/2014/008095	10.05.2019	24.05.2020	6th yr
AP 4273	AP/P/2014/008096	26.04.2019	03.05.2020	6th yr
AP 4732	AP/P/2014/008099	30.04.2019	09.05.2020	6th yr
AP 4398	AP/P/2014/008101	26.04.2019	14.05.2020	6th yr
AP 4106	AP/P/2014/008113	26.04.2019	09.05.2020	6th yr
AP 4485	AP/P/2014/008117	26.04.2019	26.07.2020	6th yr
AP 4640	AP/P/2014/008135	03.05.2019	23.05.2020	6th yr
AP 3730	AP/P/2014/008138	03.05.2019	20.06.2020	6th yr
AP 4000	AP/P/2014/008143	17.05.2019	24.05.2020	6th yr
AP 4110	AP/P/2014/008152	10.05.2019	27.06.2020	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3781	AP/P/2014/008169	26.04.2019	29.05.2020	6th yr
AP 4549	AP/P/2014/008173	23.04.2019	24.05.2020	6th yr
AP 4580	AP/P/2014/008174	26.04.2019	22.05.2020	6th yr
AP 4381	AP/P/2015/008251	30.04.2019	07.05.2020	6th yr
AP 3819	AP/P/2015/008272	26.04.2019	30.07.2020	6th yr
AP 4424	AP/P/2015/008280	06.05.2019	02.08.2020	6th yr
AP 4176	AP/P/2015/008332	12.04.2019	05.09.2020	6th yr
AP 4453	AP/P/2015/008869	30.04.2019	08.05.2020	5th yr
AP 4469	AP/P/2015/008909	26.04.2019	28.05.2020	5th yr
AP 4761	AP/P/2015/008954	10.05.2019	24.06.2020	5th yr
AP 4756	AP/P/2016/009629	22.05.2019	22.05.2020	4th yr
AP 4717	AP/P/2016/009633	20.05.2019	28.05.2020	4th yr
AP 4736	AP/P/2016/009643	17.05.2019	03.07.2020	4th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2019/000161
(22) 21.05.2019
(23) 21.05.2019
(51) **B28B 1/00 (2006.01)**
(54) METHOD FOR MANUFACTURING CONSTRUCTION MATERIALS
(74) Nobert Musa Phiri
(75) MAPEKA Pheneas
(84) ZW
(96) 21.05.2019 AP/U/2019/000161

●●

(21) AP/U/2019/000162
(22) 30.05.2019
(23) 30.05.2019
(54) VIRTUAL TAX ACCOUNTANT
(51) **G06F 16/13 (2015.01)**
G06Q 40/00 (2006.01)
(71) TSEKWENDE Sharloam
(72) MPOFU Grace Natasha, MUJURU Matthew and MAGUNDA Tapiwa
(74) DEMBETEMBE Christopher Tapfuma
(84) ZW
(96) 30.05.2019 AP/U/2019/000162

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Utility Model Applications Pending Registration

(21) AP/U/2018/000131
(22) 28.08.2018
(23) 24.05.2019
(51) **H04M 15/854 (2015.01)**
G06Q 20/28 (2015.01)
G06Q 40/02 (2015.01)
G06F 17/30 (2015.01)
H04W 4/24 (2015.01)
G06Q 20/36 (2015.01)
H04W 12/00 (2015.01)
H04M 2215/8166 (2015.01)
(54) CREDIT LIMIT-BASED PROVISIONING OF NETWORK USAGE ADVANCES
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, MZ, NA, RW, SD, TZ, UG, ZM

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(21) AP/U/2018/000134
(22) 28.08.2018
(23) 24.05.2019
(51) **H04M15/00 (2015.01)**
H04M17/00 (2015.01)
G06Q20/28 (2015.01)
G06Q40/02 (2015.01)
G06Q20/40 (2015.01)
G06Q20/32 (2015.01)
(54) PROVIDING A NETWORK USAGE ADVANCE TO A PREPAID MOBILE SUBSCRIBER
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, MZ, NA, RW, SD, TZ, UG, ZW

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(21) AP/U/2018/000148
(22) 18.12.2018
(23) 02.05.2019
(51) **A01D46/04 (2015.01)**
(54) AN APPARATUS FOR HARVESTING TEA
(74) COULSON HARNEY LLP
(84) KE, MW, RW, TZ, UG, ZW

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Utility Model Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/2019/000160	18.04.2019	02.11.2019	1st yr

Utility Models Registered

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000021

(21) **Application No :** AP/U/2018/000120

(22) **Filing Date :** 27.03.2018

(24) (45) **Date of Grant & Publication :** 30/05/2019

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

(84) **Designated States:**
GH KE RW TZ UG

(73) **Applicant(s)**
KANSIIME ARNOLD TWINOMUGISHA, P.O. Box 22713 Kampala, Uganda

(72) **Inventors**
KANSIIME ARNOLD TWINOMUGISHA, Uganda

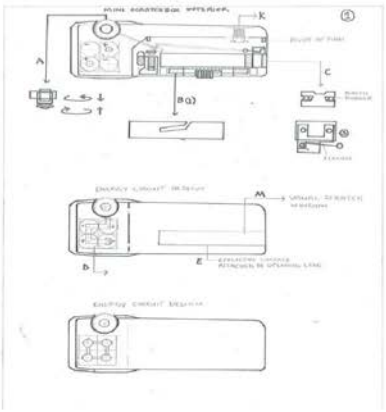
(74) **Representative**
KANSIIME ARNOLD TWINOMUGISHA, Uganda

(51) **International Classification :** A63F3/((2015.01) H04M17 (2015.01)
G06Q20 (2015.01)

(54) **Title**
SCRATCH PIECE (MAX;MINI)

(57) **Abstract**

The forenamed article (scratch piece) was generated 'as an idea' because of the presence of scratch cards of different kinds containing an opaque covering substance of dry ink (most commonly lat ex) that is applied on a section of the scratch card on top of a secret code that when scraped off would resultantly display the code (mostly used for airtime credit cards in my country Uganda among others such as Kenya e.t.c.). The problem is that for most people- such as me, it has always been a challenge when it comes to scratching off this top layer of dry ink and as a solution, I came up with the idea of a scratch piece, its purpose is to facilitate the process of scratching off this layer with much more ease as will be illustrated in the description and drawings. It functions manually but also has an electronic component associated to it i.e. the lighting. It should be noted that although it being a new and unique product, this device was created with, partly, the appropriation of some components as will be noted as disclaimers in the claim s sect ion.



(56) **Documents Cited :**

Classification Index of Registered Utility Models

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
A63F3/((2015.01) H04M17 (2015.01) G06Q20 (2015.01)	AP/U/2018/000120	AP/U/000021		KANSIIME ARNOLD TWINOMUGISHA

Patentees' Name Index of Registered Utility Models

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
KANSIIME ARNOLD TWINOMUGISHA	AP/U/2018/000120	AP/U/000021		A63F3/((2015.01) H04M17 (2015.01) G06Q20 (2015.01)

ARIPO Application Number Index of Registered Utility Models

ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/U/2018/000120	AP/U/000021		KANSIIME ARNOLD TWINOMUGISHA	A63F3/((2015.01) H04M17 (2015.01) G06Q20 (2015.01)

DESIGNS

Design Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2014/000880	10.05.2019	25.06.2020	5th yr
AP/D/2018/001265	05.04.2019	12.04.2020	1st yr
AP/D/2018/001266	24.04.2019	16.04.2020	1st yr

Designs Registered

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01043

(21) **Application No :** AP/D/2018/001334

(22) **Filing Date :** 08.10.2018

(24) **Registration Date:** 02/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
CN	201830152359.X	13.04.2018

(84) **Designated States:**

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

(73) **Applicant(s)**

Beijing Hanergy Solar Power Investment Co., Ltd., No.5, Fengxiang East Street, Yangsong Town, Huairou District, Beijing, P.R.China 101499, Peoples Republic of China

(72) **Creators**

XIA Nini, Peoples Republic of China

DU Zhiqing, Peoples Republic of China

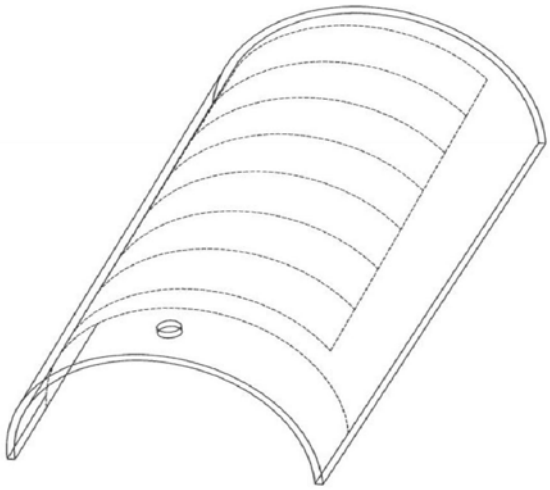
(74) **Representative**

FISHER CORMACK & BOTHA, Malawi

(51) **International Classification :** 13-99

(54) **Title**

Photovoltaic Tile



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01044

(21) Application No : AP/D/2018/001335

(22) Filing Date : 08.10.2018

(24) Registration Date: 02/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201830151955.6	13.04.2018

(84) Designated States:

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

(73) Applicant(s)

Beijing Hanergy Solar Power Investment Co., Ltd., No.5, Fengxiang East Street, Yangsong Town, Huairou District, Beijing, P.R.China 101499, Peoples Republic of China

(72) Creators

HU Baoyi, Peoples Republic of China

ZHAO Xiaohui, Peoples Republic of China

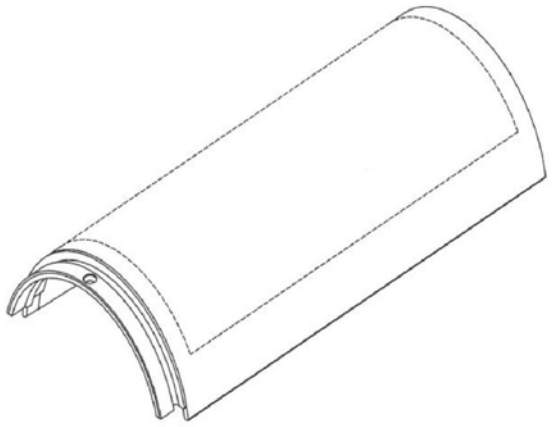
(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : 13-99

(54) Title

Photovoltaic Tile



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/01045

(21) Application No : AP/D/2018/001336

(22) Filing Date : 08.10.2018

(24) Registration Date: 02/05/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201830152089.2	13.04.2018

(84) Designated States:

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

(73) Applicant(s)

Beijing Hanergy Solar Power Investment Co., Ltd., No.5, Fengxiang East Street, Yangsong Town, Huairou District, Beijing, P.R.China 101499, Peoples Republic of China

(72) Creators

SI Feiyan, Peoples Republic of China

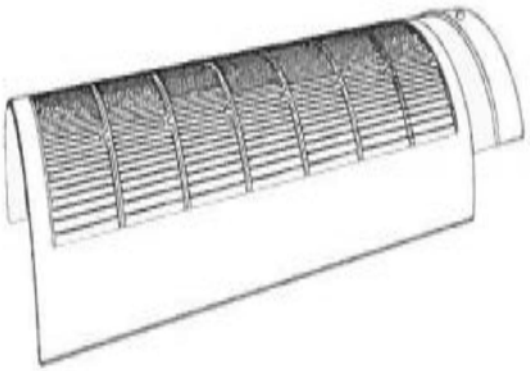
(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : 13-99

(54) Title

Photovoltaic Tile



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01046

(21) **Application No :** AP/D/2018/001337

(22) **Filing Date :** 09.10.2018

(24) **Registration Date:** 02/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
CN	201830152257.8	13.04.2018

(84) **Designated States:**

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

(73) **Applicant(s)**

Beijing Hanergy Solar Power Investment Co., Ltd., No.5, Fengxiang East Street, Yangsong Town, Huairou District, Beijing, P.R.China 101499, Peoples Republic of China

(72) **Creators**

ZHAO Xiaohui, Peoples Republic of China

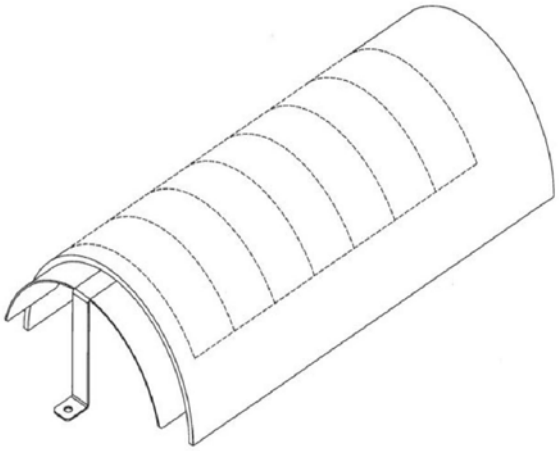
(74) **Representative**

FISHER CORMACK & BOTHA, Malawi

(51) **International Classification :** 13-99

(54) **Title**

Photovoltaic Tile



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01047

(21) **Application No :** AP/D/2018/001264

(22) **Filing Date :** 09.04.2018

(24) **Registration Date:** 07/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	A2017/01623	09.10.2017

(84) **Designated States:**
GH

(73) **Applicant(s)**
WATERTAINER SA (Pty) Ltd, Unit 1c, Westgate Industrial Park, 217 Stockville Road, Mariannhill, 3610, South Africa

(72) **Creators**
DAVID Alan Bray, South Africa

(74) **Representative**
ENSafrica Namibia, Namibia

(51) **International Classification :** 09-03

(54) **Title**
A MODULAR STORAGE CONTAINER



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01048

(21) **Application No :** AP/D/2018/001315

(22) **Filing Date :** 20.08.2018

(24) **Registration Date:** 23/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	302895	24.02.2018

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

(73) **Applicant(s)**
SUPER-MAX PERSONAL CARE PVT. LTD., 1Wagle Estate, LBS Road, Teen Hath Naka, Opp. Eternity Mall, Maharashtra, Thane West, 400604, India

(72) **Creators**
BITTENCOURT Antonio Carlos Acatauassu, Brazil
MOHITE Yogesh Humbirrao, India

(74) **Representative**
SAMURIWO ATTORNEYS, Zimbabwe

(51) **International Classification :** 28-03

(54) **Title**
SAFETY RAZOR



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01049

(21) **Application No :** AP/D/2018/001316

(22) **Filing Date :** 20.08.2018

(24) **Registration Date:** 23/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	302896	24.02.2018

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

(73) **Applicant(s)**
SUPER-MAX PERSONAL CARE PVT. LTD., 1Wagle Estate, LBS Road, Teen Hath Naka, Opp. Eternity Mall, Maharashtra, Thane West, 400604, India

(72) **Creators**
BITTENCOURT Antonio Carlos Acatauassu, Brazil
MOHITE Yogesh Humbirrao, India

(74) **Representative**
SAMURIWO ATTORNEYS, Zimbabwe

(51) **International Classification :** 28-03

(54) **Title**
HANDLE FOR SAFETY RAZOR



Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01050

(21) **Application No :** AP/D/2018/001319

(22) **Filing Date :** 20.08.2018

(24) **Registration Date:** 23/05/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IN	302899	24.02.2018

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

(73) **Applicant(s)**
SUPER-MAX PERSONAL CARE PVT. LTD., 1Wagle Estate, LBS Road, Teen Hath Naka, Opp. Eternity Mall, Maharashtra, Thane West, 400604, India

(72) **Creators**
BITTENCOURT Antonio Carlos Acatauassu, Brazil
MOHITE Yogesh Humbirrao, India

(74) **Representative**
SAMURIWO ATTORNEYS, Zimbabwe

(51) **International Classification :** 28-03

(54) **Title**
TOP CAP OF CARTRIDGE OF SAFETY RAZOR



Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00330	AP/D/2012/000453	26.04.2019	29.05.2020	7th yr
AP/D/00334	AP/D/2012/000458	12.04.2019	22.06.2020	7th yr
AP/D/00448	AP/D/2013/000594	05.04.2019	15.04.2020	6th yr
AP/D/00449	AP/D/2013/000607	06.05.2019	15.05.2020	6th yr
AP/D/00450	AP/D/2013/000608	06.05.2019	15.05.2020	6th yr
AP/D/00451	AP/D/2013/000609	06.05.2019	15.05.2020	6th yr
AP/D/00452	AP/D/2013/000610	06.05.2019	15.05.2020	6th yr
AP/D/00453	AP/D/2013/000611	06.05.2019	15.05.2020	6th yr
AP/D/00454	AP/D/2013/000613	06.05.2019	15.05.2020	6th yr
AP/D/00456	AP/D/2013/000617	06.05.2019	15.05.2020	6th yr
AP/D/00457	AP/D/2013/000620	06.05.2019	17.05.2020	6th yr
AP/D/00458	AP/D/2013/000621	06.05.2019	15.05.2020	6th yr
AP/D/00461	AP/D/2013/000595	05.04.2019	15.04.2020	6th yr
AP/D/00465	AP/D/2013/000602	27.04.2019	03.05.2020	6th yr
AP/D/00536	AP/D/2013/000622	06.05.2019	17.05.2020	6th yr
AP/D/00537	AP/D/2013/000623	06.05.2019	17.05.2020	6th yr
AP/D/00605	AP/D/2013/000612	06.05.2019	15.05.2020	6th yr
AP/D/00610	AP/D/2013/000619	27.04.2019	15.05.2020	6th yr
AP/D/00674	AP/D/2014/000862	03.05.2019	23.05.2020	5th yr
AP/D/00675	AP/D/2014/000863	03.05.2019	23.05.2020	5th yr
AP/D/00819	AP/D/2015/000989	18.04.2019	17.04.2020	4th yr
AP/D/00885	AP/D/2016/001107	01.04.2019	24.03.2020	3rd yr
AP/D/00886	AP/D/2016/001113	06.05.2019	13.05.2020	3rd yr
AP/D/00887	AP/D/2016/001114	06.05.2019	13.05.2020	3rd yr
AP/D/00991	AP/D/2017/001191	10.05.2019	01.06.2020	2nd yr
AP/D/00992	AP/D/2017/001192	10.05.2019	01.06.2020	2nd yr
AP/D/00994	AP/D/2017/001204	03.05.2019	21.07.2020	2nd yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2020	1st yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2021	2nd yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2022	3rd yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2023	4th yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2024	5th yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2025	6th yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2026	7th yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2027	8th yr
AP/D/01015	AP/D/2018/001273	03.05.2019	10.05.2028	9th yr
AP/D/01041	AP/D/2018/001260	29.03.2019	28.03.2020	1st yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04978/GH	24/04/2019	GH		HALM NAANA	Information regarding Design protection period extend from 10 years to 15 years
SR04980/ZW	24/04/2019	ZW	Bibliographic data-including status	B. W. KAHARI LEGAL PRACTITIONERS	Search request for Trademark Couleurs de l Afrique in Class 24
SR04982/ZW	29/04/2019	ZW	SDI	MUKAMURI JOSEPH	Information about ARIPO Services
SR04983/UG	19/04/2019	UG	SDI	SEMAKULA MAGALA MOSES	Information regarding registration
SR04984/ZW	23/04/2019	ZW	SDI	MUTARAMUSWA SHYLET	Information regarding registration and fee schedule
SR04985/NA	02/05/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	EDEN FODDER FEE GREEN HOUSE SYSTEM
SR04986/BY	02/05/2019	BY	Bibliographic data-including status	POPKO MARIA	Information regarding Trademark Journals of Liberia IPO
SR04987/US	03/05/2019	US	Bibliographic data-including status	MARQUEZ A. PRIETO RICARDO	PCT application IB2016/002015 (Priority Date: October 6, 2016)
SR04988/ZW	06/05/2019	ZW	SDI	CHASOSA ISRAEL	Information on filing of a mark
SR04989/TZ	03/05/2019	TZ	Information about ARIPO	MASANDIKA MARIAM	Information about ARIPO Services
SR04990/ZW	07/05/2019	ZW	Bibliographic data-including status	HONEY & BLANCKENBERG	Request for UTILITY MODEL AP/U/000019 Status entitled "PROVIDING A MOBILE BUNDLE TO A PREPAID MOBILE
SR04991/PT	06/05/2019	PT	SDI	MY MANAGEMENT	Request for information on Trademark registration fee schedule
SR04992/CN	07/05/2019	CN	Information about ARIPO	WANG ZIRONG	Information about ARIPO Services
SR04993/CN	06/05/2019	CN	SDI	DAI DEBRAH	New trademark applications in Zimbabwe
SR04994/ZW	02/05/2019	ZW	Bibliographic data-including status	JAMBO LEGAL PRACTICE	ARIPO Procedure - Trademarks and Patents
SR04995/ZW	08/05/2019	ZW	Bibliographic data-including status	Melissa Melissa Melissa	Information on Intellectual Property Protection
SR04996/NA	09/05/2019	NA	Information about ARIPO	CRONJE & Co.	Procedure on taking over as the new agent and the outstanding fees for the application AP/P/2015/008509
SR04998/ZW	13/05/2019	ZW	Bibliographic data-including status	SANYANGA T.M.	Request for historical and current of day data of trademark ,Patents , Designs and Utility models
SR04999/ZW	10/05/2019	ZW	Information about ARIPO	TODAY'S BUSINESS WOMEN AND DEVELOPMENT	Information about ARIPO Services
SR05001/NA	16/05/2019	NA	Bibliographic data-including status	CRONJE & Co.	Information regarding Status of Patent AP/P/2011/005700
SR05002/ZW	13/05/2019	ZW	Information about ARIPO	NDHLOVU COLLEN	Information about ARIPO Services
SR05003/TZ	17/05/2019	TZ	SDI	VIJAYAN LEMU	Information on Trademark time frame of Registration in Zimbabwe

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR05004/MZ	17/05/2019	MZ	Bibliographic data-including status	INVENTA INTERNATIONAL	Procedures Divisionary Applications
SR05006/ZW	21/05/2019	ZW	Information about ARIPO	PIKIRAYI TRYCOLYN	Information about ARIPO Services
SR05008/ZW	27/05/2019	ZW	SDI	WINTERTONS LEGAL PRACTITIONERS	SEARCH REQUEST FOR Trademark Application "KUMBAFX"
SR05009/KE	27/05/2019	KE	Bibliographic data-including status	KENYA INTELLECTUAL PROPERTY INSTITUTE	Request for Patent Status for AP 1647 with respect to Kenya
SR05010/AE	28/05/2019	AE	SDI	NABIR REEMA	Proposal for filing one trademark in two classes in Zimbabwe

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