पेटेंट कार्यालय शासकीय जर्नल

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पेटंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

9th OCTOBER, 2015

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	56040 - 56041
SPECIAL NOTICE	:	56042 - 56043
EARLY PUBLICATION (MUMBAI)	:	56044 - 56071
EARLY PUBLICATION (CHENNAI)	:	56072 - 56088
EARLY PUBLICATION (KOLKATA)	:	56089 – 56094
PUBLICATION AFTER 18 MONTHS (DELHI)	:	56095 - 56363
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	56364 – 56539
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	56540 – 56779
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	56780 – 56959
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (MUMBAI)	:	56960
AMENDMENT UNDER SEC. 57 (KOLKATA)	:	56961 – 56963
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	56964 – 56966
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	56967
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	56968 – 56969
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	56970 - 56973
INTRODUCTION TO DESIGN PUBLICATION	:	56974
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	56975
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	56976
COPYRIGHT PUBLICATION	:	56977
REGISTRATION OF DESIGNS	:	56978 - 57041

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पेटेंट कार्यालय

कोलकाता, दिनांक 09/10/2015

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	❖ ●गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र,		ई. मेल: kolkata-patent@nic.in
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SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

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Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months, grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.2634/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :13/07/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: MANUFACTURING PROCESS FOR PUMP CASING

	:F04D	(71)Name of Applicant :
(51) International classification	29/00,	1)Shakti Pumps (I) Ltd.
	F04D29/40	Address of Applicant :Shakti Pumps (I) Ltd. Plot No. 401,
(31) Priority Document No	:NA	Sector - 3, Pithampur - 454774, Dist Dhar (M.P) - India
(32) Priority Date	:NA	Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Dinesh Patidar
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The pump housing comprises in the invention having 7 parts Suction Port, Volute Casing, Mounting Flange, Delivery Port, Bottom Support, Side Support & Top Support. Suction Port of cast steel, Volute casing & Mounting Flange of sheet metal weld together about its longitudinal axis. Delivery Port of cast steel weld on top opening of volute. Bottom Support, Side Support, Top Support of sheet metal welded to support Suction Port, Volute Casing & Delivery port to form complete Pump casing.

No. of Pages: 8 No. of Claims: 9

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : A PROCESS OF ISOLATION OF IMMUNOSTIMULATORY FRACTION CONTAINING FLAVONOIDS FROM ANDROGRAPHIS ECHIOIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	31/7048 :NA :NA	(71)Name of Applicant: 1)DR. GHULE BALU VINAYAK Address of Applicant: INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, BORGAON (MEGHE), WARDHA-442 001, MAHARASHTRA STATE Maharashtra India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA	(72)Name of Inventor: 1)DR. GHULE BALU VINAYAK 2)MS. PALVE SIMA POPATRAO 3)DR. YEOLE PRAMOD GOVINDRAO

(57) Abstract:

No. of Pages: 30 No. of Claims: 10

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: BIOGENIC METHOD FOR GENERATION OF MULTIPLE NANOPARTICLES (ZN, FE, MG, CA, CE, SI, AG)

(51) International classification	31/74	(71)Name of Applicant : 1)MGM Institute Of Health Sciences (MGMIHS), Deemed
(31) Priority Document No		University u/s 3 of UGC Act, 1956
(32) Priority Date	:NA	Address of Applicant :Sector -1, Kamothe, Navi Mumbai-
(33) Name of priority country	:NA	410209, Maharashtra, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YADAV, Raman Prasad
(87) International Publication No	: NA	2)KADAM, Sudhirchandra Nanasaheb
(61) Patent of Addition to Application Number	:NA	3)BHAGIT, Amita Anant
Filing Date	:NA	4)MHATRE, Sveeta Vishnu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention disclose a simple biogenic method for the synthesis of multiple nanoparticles (Fe, Mg, Ca, Ag) and Zn, Ce, Si (quantum dots)/nanoparticles using aqueous extract of Cajanus cajan leaf under mild environment at ambient temperature. The sizes of synthesized nanoparticles which include quantum dots generated by this method were characterized by transmission electron microscopy (TEM). The generated nanoparticles reaction mixture including quantum dots showed enhanced antioxidant activity as compared to extract of Cajanus cajan most probably due to formation of antioxidant nanoparticles. The synthesized quantum dots also mimic catalase and hence can be utilized in various domains of biomedical applications including diagnostics.

No. of Pages: 46 No. of Claims: 11

(22) Date of filing of Application :07/02/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FARMING BENEATH SOLAR PANEL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	2/00 :NA :NA	(71)Name of Applicant: 1)MR. UTTAMRAO HANUMANTRAO JADHAV Address of Applicant: VILLAGE- SULTANGADE, TALUKA-KHANAPUR, DISTRICT-SANGLI, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)MR. UTTAMRAO HANUMANTRAO JADHAV
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present embodiment is a covered greenhouse structure with solar power facility which comprising of a large number of solar panels arranged across the length and breadth at a height of four meters. The gaps are covered using the material used for making the green house or poly house. A filter is installed under each solar panel or in the gaps between solar panels so as to allow only the specific bandwidth as required by the crops or plants to be penetrated under the green house. Electric energy is also generated by supplying the solar power to the grid or by using any known technology for the conversion of solar energy to electric energy. The advantages of this invention being utilization of the same land for dual purposes; one being farming and other being converting solar energy to electric energy both being at most important for the mankind.

No. of Pages: 13 No. of Claims: 4

(22) Date of filing of Application :07/02/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : PROTECTION OF WATER BODIES BY USING SOLAR PANELS AND GENERATING ELECTRICITY SIMULTENEOUSLY

	11011	
(51) International classification	:H01L 35/34	(71)Name of Applicant : 1)MR. UTTAMRAO HANUMANTRAO JADHAV
(31) Priority Document No	:NA	Address of Applicant :VILLAGE- SULTANGADE,
(32) Priority Date	:NA	TALUKA-KHANAPUR, DISTRICT-SANGLI,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. UTTAMRAO HANUMANTRAO JADHAV
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present embodiment is a process for installation of solar panels on surface of water bodies on any existing water bodies such as a dam, a lake or a river. In present embodiment, a unit of solar panels is formed by arranging solar panels in rows and columns on floating objects with the help of supporting such as scaffold. The temperature is maintained cool beneath the solar panels with the help of water bodies which results in improvement in the functioning of solar panels. Solar panel unit is used for generation of electricity.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A NOVEL LAB-ON-CHIP BONDED VIA-LESS ELECTROMAGNETIC BAND GAP INSPIRED PATCH SENSOR FOR ADULTERATION DETECTION IN FISH-OIL DIETARY SUPPLEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K 9/50 :NA :NA :NA :NA	(71)Name of Applicant: 1)PIYUSH N. PATEL Address of Applicant:ELECTRONICS ENGINEERING DEPARTMENT, SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, ICHCHHANATH, SURAT- 395007 Gujarat India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)RAHUL YADAV (72)Name of Inventor: 1)PIYUSH N. PATEL 2)RAHUL YADAV

(57) Abstract:

Docosahexaenoic acid (DHA) and eicosapentaenoic acid (EPA) are one of the essential fatty acids present in omega-3 oils, which can be stored in the phospholipid bilayer of a human cell to support cholesterol levels, muscle recovery due to breakdown, improving bone mineral density and many more. Fish-oil is one of the important dietary supplements having long-chain of omega-3 fatty acids including DHA and EPA esters which are basically polyunsaturated fatty acids. In the reported invention, via-less electromagnetic bandgap (EBG) patch bonded with lab-on-chip (LOC) was designed as adulteration detection sensor for the fish-oil dietary supplement. The designed sensor structure using Neltech substrate of permittivity (εr = 3.2 F/m) with dissipation factor (δ 0.007), has an array of 3x3 grid-cell patches each of lOmmxlOmm. Sylgard-184 polydimethylsiloxane (PDMS) kit was used in the fabrication of lab-on-chip, having a thickness of 5mm with dual rectangular fluid channels of width 2mm each. The invented sensor offers triple resonant bands at 2.7 GHz, 5.27 GHz and 5.92 GHz. The measured reflection magnitude at 2.592 GHz of air-filled lab-on-chip channel bonded with patch sensor was in close agreement with the simulated response at 2.62 GHz. For the various percentage adulteration levels of olive-oil inside fish-oil, a decrease in the spectral shift of sensor response was observed as analyte effective permittivity (εeff) increases after adulteration. This confirms the sensitivity of our invented sensor even to small amount of change (decrease in DHA and EPA esters count) in analyte permittivity. The sensor provides a maximum shift of 70 MHz in the frequency response for 50% adulteration which was the highest adulteration level performed during the experiment.

No. of Pages: 22 No. of Claims: 10

(21) Application No.366/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/02/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: WATER DISPERSIBLE GRANULE COMPOSITION

(51) International :A01N25/28,A01N53/00,A01N47/22 classification

(31) Priority Document No :574/MUM/2014

(32) Priority Date :19/02/2014 (33) Name of priority

:India country

(86) International :PCT/IN2015/000096

Application No :19/02/2015 Filing Date

(87) International

:WO 2015/125156 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)SHAH Deepak

Address of Applicant: 501/502 Vandana Apartments Janki Kutir Juhu Church Road Juhu Mumbai 400049 Maharashtra India (72)Name of Inventor:

1)SHAH Deepak

(57) Abstract:

A water dispersible granular composition comprising: i. microcapsules comprising of: a. at least one agrochemical active ingredient encapsulated within a polymeric shell wall; and wherein the agrochemical active ingredient has a water solubility of less than 100 mg/litre; and b. polyvinyl alcohol with a molecular weight of from 15 000 to 21 000 a degree of hydrolysis of from 87% to 89% and a viscosity of from 3.5 cps to 4.5 cps; ii. a filler base comprising of: a. at least one water insoluble filler; and b. at least one water soluble suspension adjuvant; and iii. at least one agrochemical excipient.

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ELECTRICITY GENERATING SWING

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (10) Signature (11) Signature (12) Signature (13)	1 DHARSHII HITESH PADIA
--	-------------------------

(57) Abstract:

In cities & urban areas, parks are the place to experience nature and refresh oneself. However in certain countries, the parks are not being periodically maintained for the proper functioning. One of the problems is in coping up with the electrical needs of the parks during early mornings and during night times. So why not use the available mechanical energy generated in the park to meet its electrical needs. While all the mechanical energy utilized by the children in swings are being wasted. So, why not utilize this energy instead of letting it get wasted. This invention primarily concentrates on utilizing this wasted mechanical energy to generate electrical energy. Electricity generated by this invention can be utilized in lighting up the park itself. These make the park self-dependent and not rely on any other sources for electricity.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :01/10/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : ECO-FRIENDLY PROCESS TO RUN VEHICLE USING WIND FORCE WATER PRESSURE AND MANUAL PEDAL

(51) T	:B62D	(71)Name of Applicant:
(51) International classification	65/00	1)RAKESH BALKRISHNA DAHALE
(31) Priority Document No	:NA	Address of Applicant :UMA BHAWAN, NEAR DURGA
(32) Priority Date	:NA	HOSPITAL, BEHIND G. S. HIGH SCHOOL, TAL-AMALNER,
(33) Name of priority country	:NA	DIST-JALGAON - 425 401, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAKESH BALKRISHNA DAHALE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

No. of Pages: 26 No. of Claims: 8

¹⁾ The invention relates to process method use to run the vehicle. It is in field of automobile / mechanical engineering. The term vehicle includes, but is not limited to, automobiles such as cars, trucks, tempo, bus, sport vehicles, taxi, trams, rickshaws, tractors, forklifts, front end loaders, boats, two wheelers, railway, taxi, rickshaws, battery vehicles, biofuel vehicles. 2) In this invention the vehicle comprise of three main system. I] Water tank hydro turbine clutch gear system II] Manual Pedal system III] Wind turbine clutch gear system. This vehicle uses water pressure to run hydro turbines (5), Manual force to operate Pedals (17) and Wind pressure to run wind turbines (21) (25) (26). Rotation of hydro turbines, wind turbines, Manual pedals moves vehicle using clutches, gears and chain gears. All three system together drives vehicle forward.

(22) Date of filing of Application :21/08/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : A GREENER AND EFFICIENT BIO-CATALYTIC METHODOLOGY FOR THE SYNTHESIS OF BENZOATE ESTERS/COMPOUNDS IN SUPERCRITICAL CARBON DIOXIDE

(51) International classification	:C09D	(71)Name of Applicant:
(31) international classification	5/16	1)BHANAGE BHALCHANDRA MAHADEO
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(32) Priority Date	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL
(33) Name of priority country	:NA	PAREKH MARG, MATUNGA (EAST), MUMBAI-400 019,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	2)BADGUJAR KIRTIKUMAR CHANDULAL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BADGUJAR KIRTIKUMAR CHANDULAL
Filing Date	:NA	2)BHANAGE BHALCHANDRA MAHADEO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT The present invention offers a green biocatalytic protocol for the synthesis of benzoate ester/ compounds in supercritical carbon dioxide solvent. This methodology possesses advantages like greener biocatalyst and greener reaction media which accomplished a complete greener aspect. This invention reports an efficient process for synthesis of various types of benzoate esters (alkyl, cycloalkyl, aryl and heterocyclic aryl) with good to excellent yield and wide substrate applicability. The process used is simple and very efficient to obtain superior yield of the product with an easy work-up process. This methodology offers 40-99 % yield of corresponding benzoate ester/compounds. FIGURE: Nil

No. of Pages: 10 No. of Claims: 10

(22) Date of filing of Application :10/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RAIN WATER COLLECTION SYSTEM AND RAINFALL MANAGEMENT SYSTEM

(51) International classification	:B01D35/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JADHAV UTTAMRAO
(32) Priority Date	:NA	Address of Applicant :SHRI SHAILYAM, VILLAGE
(33) Name of priority country	:NA	SULTANGADE, TALUKA KHANAPUR, DISTRICT
(86) International Application No	:NA	SANGLI, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JADHAV UTTAMRAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rain water collection system (100) for collection of rain water in the sky before rain fall comprising of a impermeable sheet (10) having a trench (12) for accumulation of rain water; a plurality of balloons (20) having gases at desired pressures and a water collecting system (30). A trench is provided for accumulation of rain water (16) falling on the surface of impermeable sheet (10). Plurality of balloons are arranged on the top surface of impermeable sheet (10) for floating the impermeable sheet above land or water body (14) and enabling impermeable sheet (10) to a pre defined height. Water collecting system (30) receives rain water (16) flushed out from the trench (12) to the water collecting system (30) and is having a plurality of pipelines.

No. of Pages: 23 No. of Claims: 12

(21) Application No.2177/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/08/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING INFORMATION ABOUT TIME ZONE OF A WIRELESS COMMUNICATION DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F13/14,G06F13/38,G06F3/14 :10-2014-0029259 :12/03/2014 :Republic of Korea	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(86) International Application No Filing Date (87) International Publication	:PCT/KR2015/001648 :17/02/2015	(72)Name of Inventor: 1)KIM Yun jung
No	:WO 2015/137638	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and mobile device configured to display time zone information of a destination mobile device to which the mobile device connects based on time zone information of the mobile device and the destination mobile device.

No. of Pages: 121 No. of Claims: 10

(22) Date of filing of Application :05/08/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A ONE POT PROCESS FOR PREPARING CHLORO-HYDROXY DERIVATIVE

(51) International classification	:C11D 3/386	(71)Name of Applicant : 1)Deepak Nitrite Limited
(31) Priority Document No	:NA	Address of Applicant :9/10, Kunj Society, R C Dutt Road,
(32) Priority Date	:NA	Alkapuri, Vadodara 390007 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)H.B. Pancholi
Filing Date	:NA	2)R. P. Ughade
(87) International Publication No	: NA	3)S.A. Sadaphal
(61) Patent of Addition to Application Number	:NA	4)D.C. Patil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for preparing chloro-hydroxy derivative by treating substituted amino compound with acid and solvent in the presence of diazotizing agent to obtain chloro-hydroxy derivative.

No. of Pages: 14 No. of Claims: 16

(22) Date of filing of Application :29/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A ZIP WITH AN INSTANT INBUILT REPAIRING PROVISION

(51) International classification(31) Priority Document No(32) Priority Date	3/04 :NA :NA	(71)Name of Applicant: 1)YOGESH SHIVLAL SHARMA Address of Applicant:SHARMA NIWAS, NEAR VISHWAKARMA SAW MILL, KELWAD, TALUKA:
(33) Name of priority country (86) International Application No	:NA :NA	CHIKHLI, DISTRICT- BULDANA-443001, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YOGESH SHIVLAL SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for instant repairing the slippage of the zip, the said system uses an inbuilt combination of a screw tightening mechanism with two plates provided each at top and bottom face of the conventional zip head to reduce gap formed due to slippage of the zip, the said mechanism is to be provided at the rear end of the zip head, the said screw attachment is to be used when slippage of zip is observed, as the screw is tightened the lower plate exerts upward pressure whereas upper plate exerts pressure in downward direction which reduces the gap between upper and lower face of the zip head. Once the gap between the upper and lower faces is reduced to required extent the zip starts performing as good as before.

No. of Pages: 8 No. of Claims: 3

(21) Application No.3696/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :29/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SPRING LESS MECHANICAL SEAL

(51) International classification	:B25D	(71)Name of Applicant:
(31) international classification	11/00	1)PANDEY NEERAJ KUMAR
(31) Priority Document No	:NA	Address of Applicant :B-418, UTKARSH NAGAR,
(32) Priority Date	:NA	HADAPSAR, PUNE-411 028, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PANDEY NEERAJ KUMAR
(87) International Publication No	: NA	2)PANDEY GYANESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Mechanical Seals designers use springs to keep the sealing faces keep in contact. The problem associated with the spring seals is quite known and which is the major cause of failure of mechanical seals in rotary equipments. With hydraulic actuator mechanical seal loading can be adjusted to suit varying operating condition. This is a very conventional balanced seal configuration which simply replaces a fixed spring load by a fixed hydraulic pressure

No. of Pages: 7 No. of Claims: 2

(21) Application No.2382/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/08/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR CONTROLLING CONTENT PLAYBACK AND CONTENT PLAYBACK APPARATUS FOR EXECUTING SAME

(51) International classification :H04N21/441,H04N21/45 (71)Name of Applicant :

(31) Priority Document No :10-2014-0030675 (32) Priority Date :16/03/2014

(33) Name of priority country :Republic of Korea :PCT/KR2015/002537 (86) International Application No

Filing Date :16/03/2015

(87) International Publication No :WO 2015/142016

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant: 129 Samsung ro Yeongtong gu Suwon

si Gyeonggi do 443 742 Republic of Korea

(72) Name of Inventor: 1)KIM Hyun jee

2)KONG Won keun

3)LEE Nam suk

(57) Abstract:

An apparatus for content playback according to an embodiment of the present invention comprises: an output unit for outputting video and audio; a user identification unit for identifying a plurality of users watching the content being played back by means of the output unit; and a control unit for selecting at least one user from among the plurality of identified users by means of a previously set criteria and controlling the content playback in response to the selected user.

No. of Pages: 124 No. of Claims: 15

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : COMPOSITION OF INK FOR DIELECTRIC FLUID RESISTANT COATING ON METALLIC SHEETS

(51) International classification		(71)Name of Applicant :
(61) International Glassification	9/16	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(31) Priority Document No	:NA	CENTRE (AURDC)
(32) Priority Date	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(33) Name of priority country	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
(86) International Application No	:NA	OFFICE, OJHAR (MIG) NASIK-422207 MAHARASHTRA,
Filing Date	:NA	INDIA Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)POONAM SHRIVASTAV DGM (D-INDG)
Filing Date	:NA	2)A B BHANDAKKAR, SR. MANAGER (LAB)
(62) Divisional to Application Number	:NA	3)SAKA SESHADRI SR. MANAGER (LAB)
Filing Date	:NA	4)A.G.PAWAR, ASO ASSTT. SC. OFFICER

(57) Abstract:

No. of Pages: 5 No. of Claims: 1

(21) Application No.3202/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADHESIVE SL-6A FOR AIRBORNE APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08B 37/08 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC) Address of Applicant: CENTRAL LABORATORY, AURDC, NASIK HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207 (MAHARASHTRA), INDIA Maharashtra India (72)Name of Inventor: 1)POONAM SHRIVASTAV DGM (D-INDG) 2)AJIT BHANDAKKAR SR. MANAGER (LAB) 3)D B JONDHALE MANAGER (LAB) 4)N V SURYAWANSHI ASO (LAB)
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(57) Abstract:

No. of Pages: 7 No. of Claims: 3

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADHESIVE SL-VKT-2 FOR AIRBORNE APPLICATIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Siling Date (83) Name of Priority Country Siling Date	
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(57) Abstract:

No. of Pages: 7 No. of Claims: 3

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : ADHESIVE SL-VKR-16 FOR AIRBORNE APPLICATIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	:C07H19/16, C07H1/02, C07H19/17 :NA :NA y:NA :NA	(71)Name of Applicant: 1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC) Address of Applicant: CENTRAL LABORATORY, AURDC, NASIK HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR
Application No Filing Date	:NA	(MIG), NASIK-422207 (MAHARASHTRA), INDIA Maharashtra India
(87) International Publication	1: NA	(72)Name of Inventor: 1)POONAM SHRIVASTAV DGM (D-INDG)
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)AJIT BHANDAKKAR SR. MANAGER (LAB) 3)D B JONDHALE MANAGER (LAB) 4)N V SURYAWANSHI ASO (LAB)
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

No. of Pages: 8 No. of Claims: 3

(21) Application No.4029/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INSOLATION WRIST WATCH CHARGER

		(71)Name of Applicant:
		1)PRATIK M. RASKAR
		Address of Applicant :B-144 MANGALTIRTH SOCIETY,
(51) International classification	:H02J7/35	OPP TO AMITY SCHOOL, DAHEJ BY-PASS ROAD,
(31) Priority Document No	:NA	BHARUCH-392011, GUJARAT, INDIA Gujarat India
(32) Priority Date	:NA	2)DHRUV J. NAIK
(33) Name of priority country	:NA	3)DHWANISH S. CHAURASIA
(86) International Application No	:NA	4)RAKSHIT D. YADAV
Filing Date	:NA	5)JAYDEEP R. SHAH
(87) International Publication No	: NA	6)DR. NIRALI H GONDALIYA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRATIK M. RASKAR
(62) Divisional to Application Number	:NA	2)DHRUV J. NAIK
Filing Date	:NA	3)DHWANISH S. CHAURASIA
-		4)RAKSHIT D. YADAV
		5)JAYDEEP R. SHAH
		6)DR. NIRALI H GONDALIYA
(FF) 11		1

(57) Abstract:

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR DETECTING EXTERIOR AND INTERIOR DEFECTS OF METAL JOBS IMPLEMENTED ON RASPBERRY PI DEVELOPMENT BOARD FOR REAL TIME PURPOSE USING IMAGE PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F 19/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)PRAVIN BALASO CHOPADE Address of Applicant: A 603 MADHUBAN SOCIETY, VISHRANTWADI, PUNE-411 015, MAHARASHTRA, INDIA. Maharashtra India 2)PRADIP M PATIL
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA :NA :NA	3)MADHURA ANIRUDDHA LIMAYE (72)Name of Inventor: 1)PRAVIN BALASO CHOPADE 2)PRADIP M PATIL
(62) Divisional to Application Number Filing Date	:NA :NA	3)MADHURA ANIRUDDHA LIMAYE

(57) Abstract:

Quality inspection is highly important in case of manufacturing industries which can be performed manually. Manual inspection has number of restrictions as it thoroughly depends upon inspectors patience and knowledge, hence it may lead to inaccurate process. To avoid this issue now large numbers of industries are using image processing techniques for automation of inspection process. Defects in metal surfaces take various forms, such as scratch, crack, bruise, blister, rupture and even salt-and-pepper defect. Quality inspection also includes inner defect detection. Internal defect includes presence of burr. The aim of proposed method is to detect the inner side defect like burr, outer side defect using Super resolution algorithm using wavelet transform. For real time implementation in manufacturing and automobile industries, this algorithm is implemented on Raspberry Pi development board.

No. of Pages: 10 No. of Claims: 12

(21) Application No.2601/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ENDOSCOPE HOLDER ASSEMBLY.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No. 	:A61B 6/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)SYED ARHAM HUSAIN Address of Applicant: 75, OPP. MOTIA TAALAB, TAJUL MASAJID, BHOPAL-462001, M.P., INDIA. Madhya Pradesh India (72)Name of Inventor:
(86) International Application No Filing Date	:NA	(72)Name of Inventor : 1)SYED ARHAM HUSAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This is an era of minimally invasive functional endoscopic surgery to apply the same principle and to achieve highly precise endoscopic ear surgery the surgeon who usually holds the endoscope in his left hand engaging the one hand makes it difficult to do the surgery with the other one hand, the surgeons ambidexterity is required to perform a precise functional endoscopic ear surgery, this is possible if the surgeon uses an endoscope holder assembly which is capable of moving in all the three planes, this endoscope holder assembly fulfils all the requirements to achieve a precise functional endoscopic ear surgery.

No. of Pages: 19 No. of Claims: 12

(21) Application No.3715/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: OVER GROUND TRIPLE DECKER CAR PARKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	11/18 :NA :NA :NA	(71)Name of Applicant: 1)SHYAM THAKAR Address of Applicant:C/2, 603, LOK EVEREST CHS, J.S.D. ROAD, MULUND (W), MUMBAI-400 080, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No Filing Date(87) International Publication No(61) Patent of Addition to Application Number	:NA :NA : NA :NA	(72)Name of Inventor: 1)SHYAM THAKAR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention provides an energy efficient Over Ground Triple level car parking system with optimum utilization of space and also a possibility of converting two level parking systems installed earlier into three level cat parking systems thereby increasing the parking capacity at minimum cost in modular manner.

No. of Pages: 41 No. of Claims: 7

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : A NOVEL SYNERGISTIC NUTRACEUTICAL MOUTH FRESHENER FORMULATION AND METHOD OF PREPARATION THEREOF.

	·C07D	(71)Name of Applicant:
(51) International classification	405/12	
(31) Priority Document No	:NA	Address of Applicant :JMJ HOUSE, ORCHARD AVENUE,
(32) Priority Date	:NA	HIRANANDANI, POWAI, MUMBAI-400 076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHRI J.M.JOSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel synergistic nutraceutical mouth freshener formulation and method of preparation thereof, said formulation comprises of sterilized dried parts, powder/extracts together with the conventional additives to form the oral intake forms, which include tablets, capsules, syrup and powders ready for suspension and mouth spray. The formulation contains of jowar, maize grain, pearl millet, wheat grain, tamarind seed and starch products.

No. of Pages: 5 No. of Claims: 3

(22) Date of filing of Application :07/02/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SECURED GOLD RESERVOIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B43K1/00, B43K1/01 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. UTTAMRAO HANUMANTRAO JADHAV Address of Applicant:VILLAGE- SULTANGADE, TALUKA-KHANAPUR, DISTRICT-SANGLI, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)MR. UTTAMRAO HANUMANTRAO JADHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A novel system for secure storage of gold and/or gold ornaments comprising of formation of an organization followed by selection and acceptation of gold/or gold ornaments. Further maintenance of proper record of gold /or gold ornaments is kept followed by display of gold /or gold ornaments via showrooms, catalogues or internet to general public. Interested people can select gold /or gold ornaments of their choice for a temporary use by paying rental charges for it People who deposits gold /gold ornaments are paid partly amount of rental charges.

No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :11/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PVC PIPE PORTABLE & FOLDABLE DESERT TYPE ROOM COOLERS

(51) International classification	:F24F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. NEMATULLAH NASIM
(32) Priority Date	:NA	Address of Applicant : ACET, SADAR, NAGPUR
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M. NEMATULLAH NASIM
(87) International Publication No	: NA	2)M. WAJAHATULLAH NASEEM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Evaporative cooling can be successfully used anywhere the wet bulb temperature is lower than the dry bulb which is almost everywhere. Evaporative coolers provide cool air by forcing hot dry air over a wetted pad. The water in the pad evaporates, removing heat from the air while adding moisture. Although the concept has been used in residential coolers for decades, technology advances have made evaporative cooling a viable alternative to conventional cooling in commercial buildings and in other areas. Evaporative cooling has a number of applications in the residential and light commercial markets. Direct evaporative cooling is primarily used in very hot and dry regions and residential markets. The current approach is economical, effective, environmentally friendly and healthy. It reduces power consumption and can reduce energy use by 70%. Increase cooling capacity and life of cooler as it is free from metal parts. Noiseless as it is free from vibration. No special skills are requires to operate and therefore is most suitable for any type of user. It can be made from locally available PVC pipes and materials. Highly efficient evaporative cooling systems, less expensive to install and operate. It can be easily assemble and maintained. Totally foldable require less space for storage when not in use or after the season. It is suitable for offices due to its compactness and low level of noise. Does not require any structure for mounting, can be place anywhere either inside the room or outside the window. Compared to refrigerated air conditioning, the result is cheaper, fresher and completely natural air.

No. of Pages: 5 No. of Claims: 10

(21) Application No.3584/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :21/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROTA SOCKET TOOL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B25B13/00, B25B23/02 :NA :NA :NA	(71)Name of Applicant: 1)SHAH MANISH PARMESHWARBHAI Address of Applicant:36, MADHAV RESIDENCY, B/H TEJENDRA PARK, NR. LANGADIYA HANUMAN, VIRATNAGAR ROAD, ODHAV, AHMEDABAD-382415, GUJARAT, INDIA Gujarat India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	(72)Name of Inventor: 1)SHAH MANISH PARMESHWARBHAI

(57) Abstract:

A Rota socket tool and method of using the same. The present invention (Rota socket tool) being made up of a main handle, an arm, a gear assembly, moving gear, pusher assembly, central rotor(socket adapter), main mid rotor and bearing mid holder. When the main handle and arm are squeezed together, the pusher assembly is activated and it engages the central rotor (socket adapter) and the main handle together, allowing to apply torque on nut/bolt head through socket of corresponding size. The gearing mechanism gets charged with the help of spiral spring when main handle and main arm are squeezed together. Releasing the main arm causes to separate (disengage) the central rotor (socket adapter) and main handle. The charged gearing system (with spiral spring) imparts rotary motion to central rotor (socket adapter) through gears, and the central rotor (socket adapter) rotates either in clockwise/anti-clockwise direction. The direction of rotation of the socket adapter can be decided by switching the main lever in two different positions.

No. of Pages: 27 No. of Claims: 9

(21) Application No.1292/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: THE GANGA REJUVENATION AND RIVER LINKING PROJECT MAANASA NADI

(51) International classification	·F03B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KOLAGOTLA SRINIVASA REDDY
(32) Priority Date	:NA	Address of Applicant :H.NO.2-22/A,
(33) Name of priority country	:NA	SANIKAVARAM(VILLAGE), DORNAL (POST), PRAKASAM
(86) International Application No	:NA	(DIST)-52331 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KOLAGOTLA SRINIVASA REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

I CLAIM, I KOLAGOTLASRINIVASA REDDY, CLAIM ABOUT THE NEW INVENTION THE GANGA REJUVENATION AND RIVER LINKING PROJECT, MAANASANADI. THE CLAIM COMPRISES, ABOUT THE RIVER LINKS, THROUGH GRAVITATIONAL FREE FLOWS, FROM NORTH INDIA TO SOUTH INDIA.

No. of Pages: 30 No. of Claims: 1

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: AVOIDANCE OF FIRE ACCIDENT IN TRAIN USING RF WIRELESS SENSOR NETWORK

(51) International classification :A62 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA	B (71)Name of Applicant: 1)VELTECH DR. RR & DR. SR TECHNICAL UNIVERSITY Address of Applicant:#42 AVADI - VEL TECH ROAD, AVADI, CHENNAI - 62 Tamil Nadu India (72)Name of Inventor: 1)RAMYA D 2)K.P. SINDHUJA
Filing Date :NA	

(57) Abstract:

The concept of ¡vbiding fire accidents by automatic fire stopper helps to achieve the goal of protection of train from big accidents. This invention also helps to provide property protection for rail vehicles and infrastructures. Fire protection in locomotives has been greatly refined over the past few years to increase the high level of protection in the rail vehicles. This active system which will enhance the safety of people and self protect the rail vehicles. The top priority of the fire protection is to save the passengers and employees. The proposed system is designed by using RF module which is used to detect the fire accidents in rail vehicles and inform the authorities regarding fire in train with mnimum deliy and emergency door gets opened automatically to safe guard the property and human lives.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :21/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HELICAL BLADE SWIRLER FOR AUTOMOBILE ENGINE APPLICATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA	(71)Name of Applicant: 1)VEL TECH DR. RR & DR. SR TECHNICAL UNIVERSITY Address of Applicant:#42, AVADI-VEL TECH ROAD,
(86) International Application No Filing Date	:NA	AVADI, CHENNAI - 600 062 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)G. SIVAKUMAR 2)DR. S. SENTHIL KUMAR
Filing Date	:NA	3)G. SHANMUGASUNDRAM
(62) Divisional to Application Number Filing Date	:NA :NA	4)K. SAKTHISARAVANASENTHIL

(57) Abstract:

This innovation is a new product called Helical Blade Swirler. It is an innovative device which helps to improve the fuel economy in automobiles. The device while fitted at the inlet manifold of the engine increases the turbulence of the air entering through the engine inlet. By using this technique, homogeneity of Air/Fuel mixture gets better, thus it helps in complete burning of Air/Fuel mixture inside the combustion chamber by creating additional air swirling motion in the inlet manifold itself. Experimental results showed that, Presence of Helical Blade Swirler at the inlet manifold reduces the fuel consumption and the, carbon based emissions while increasing the engine performance. The design of the helical blade swirler is arrived through repeated trails of testing the engine fitted with the swirler in a dynamometer test facility.

No. of Pages: 11 No. of Claims: 5

(21) Application No.4995/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE CONFIGURATION OF SOFTWARE BASED ON CURRENT AND HISTORICAL DATA

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHANDRAMOHAN MUTHUVARADHARAJAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates to systems and methods for adaptive configuration of software based on current and historical data. In one embodiment, a method is disclosed, which comprises receiving first data that reflects a first status of an execution of a software task. The method further comprises determining, based on the first data, a first set of configurations to be provided for the execution of the software task, wherein each configuration of the first set of configurations is associated with a weight that reflects a statistic measurement of a prior status of an execution of the software task when the configuration is provided, and wherein the first set of configurations are ranked based on the weights. The method also comprises providing, based on the ranking, at least one of the first set of configurations for the execution of the software task.

No. of Pages: 28 No. of Claims: 15

(21) Application No.4996/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: FLEXIBLE SCAFOLDING

(51) International classification	:H05K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.PAUL CHRISTADAS SALINS
(32) Priority Date	:NA	Address of Applicant :186 AMARJYOTHI LAYOUT
(33) Name of priority country	:NA	DOMLUR, BANGALORE 560 071, Karnataka India
(86) International Application No	:NA	2)DR.SAMRATH RAMANANADA SHETTY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.PAUL CHRISTADAS SALINS
(61) Patent of Addition to Application Number	:NA	2)DR.SAMRATH RAMANANDA SHETTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A new material (SVALINNX) has been developed comprising a inner layer and a outer layer, wherein the inner layer of the material when placed on an object attaches itself to the object firmly defined by the contour or shape of the object.

No. of Pages: 19 No. of Claims: 11

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTI BEAM ANTENNA WITH SELF-CHARGING ABILITY FOR SMART CAR

(51) International classification	·H010	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VEL TECH RANGARAJAN DR. SAGUNTHALA R & D
(32) Priority Date		INSTITUTE OF SCIENCE AND TECHNOLOGY, (VEL
(33) Name of priority country	:NA	TECH DR. RR & DR. SR TECHNICAL UNIVERSITY)
(86) International Application No	:NA	Address of Applicant :#42, AVADI-VEL TECH ROAD,
Filing Date	:NA	CHENNAI - 62 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)R. PRASANNA
Filing Date	:NA	2)R. GOWRI SHANKAR RAO
(62) Divisional to Application Number	:NA	3)N.G. RENGANATHAN
Filing Date	:NA	4)S. UDHAYA BASKARAN

(57) Abstract:

The invention covers six bands possible in one antenna in each window frame and it can withstand severe weather conditions. It can be built with easily and less complex designs. The system is having the antenna coating over the frame so it is having self-charging capability. And Lends itself to future modification, experimentation in space and mobile applications. The antenna proposing here will have the tendency to work in multi frequency requirements and the system will have the ability to have priority in frequency switching. There is no employing of movable parts in this antenna module so noise will be very low and the system will consume low power than the existing radar system. This system will be adaptable to six frequencies unlike the normal patch restricted to only one frequency at a time and the salient feature is the usage of dielectric which will control the radiation pattern with the change in the charge.

No. of Pages: 14 No. of Claims: 5

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CYCLE TIME REDUCTION IN ASSMBLY PROCESS BY INTRODUCTION OF SELF-TAPPING BOLT.

(51) International classification	:G060	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VELTECH RR&SR TECHNICAL UNIVERSITY
and the state of t	:NA	Address of Applicant :NO.42, AVADI - VELTECH ROAD,
(32) Priority Date		
(33) Name of priority country	:NA	AVADI, CHENNAI - 62 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)J.M. BABU
(87) International Publication No	: NA	2)M.G. THIRUSELVAN
(61) Patent of Addition to Application Number	:NA	3)P. PRABU
Filing Date	:NA	4)DR. P. MATHIYALAGAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Removal of paint from the female thread while driving the fastener can be used any place where female threads are exposed to paint, re-tapped, or masked areas. Paint scraping point removes paint as the bolt is driven. The design eliminates the need for high grade bolts due to higher driving torques. Self- Tapping bolt save rework time and cost. Self- Tapping bolts reduce the process of re-tapping and masking of female threads. Critical business processes are subject to the rule of thumb that time is money. Such processes are usually carried out through resources that often result as bottlenecks. Unfortunately, the products derived from these processes are usually the ones that matter most to customers; therefore, the products need to be delivered as fast as possible. There are several efforts suitable for reducing cycle times. Streamlining multiple efforts, however, can yield a much more efficient process resulting in cost and time savings and customer satisfaction. When reducing process cycle time, consider a combination of the following ideas.

No. of Pages: 11 No. of Claims: 5

(22) Date of filing of Application :07/08/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : IMPROVED PERFOMANCE CHARACTERISTIC OF LEAD ACID BATTERY WITH CARBON AS ADDITIONAL ELECTRODE FOR FAST CHARGING AND DISCHARGING

(51) International classification	:H02J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VEL TECH RANGARAJAN DR. SAGUNTHALA R & D
(32) Priority Date	:NA	INSTITUTE OF SCIENCE AND TECHNOLOGY, (VEL
(33) Name of priority country	:NA	TECH DR. RR & DR. SR TECHNICAL UNIVERSITY
(86) International Application No	:NA	Address of Applicant :NO.42, AVADI - VELTECH ROAD,
Filing Date	:NA	AVADI, CHENNAI - 62 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. N. G. RENGANATHAN
Filing Date	:NA	2)DR. R. GOWRISHANKAR RAO
(62) Divisional to Application Number	:NA	3)R. PRASANNA
Filing Date	:NA	

(57) Abstract:

The aim of this invention is to highlight some performance properties of the use of carbon foam/fiber electrodes. The two main performance evaluators in this are improvement in life under partial shallow state of charge cycling and overcharge acceptance compared with standard LABs. The most important aspect of the present investigation is that carbon negative electrode batteries showed shorter recharge times once 100 % State of Charge is reached. This is the prime condition for low float and high recharge ability and this type of behavior is very much needed for batteries used in telecommunications. Another advance of the present investigation is the utility of fast charging performance which can be employed in hybrid solar wind power generation which is going to be the future power tracking technology in the country.

No. of Pages: 9 No. of Claims: 4

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: DESIGN AND IMPLEMENTATION OF WATER QUALITY EVALUATING SYSTEM USING GSM

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE REGISTRAR
(32) Priority Date	:NA	Address of Applicant :VELS UNIVERSITY,
(33) Name of priority country	:NA	P.V.VAITHIYALINGAM ROAD, VELAN NAGAR,
(86) International Application No	:NA	PALLAVARAM, CHENNAI - 117, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MS.DIVYASREE.M
(61) Patent of Addition to Application Number	:NA	2)MS. ANU REKHA MAHENDRAN
Filing Date	:NA	3)MS.SRIDEVI.M
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

This invention deals with the automatic evaluation of water quality and monitoring through wireless personnel area networks. The system consists of multiple sensors of water quality testing, single-chip microcontroller data acquisition module, information transmission module, monitoring centre and other accessories. The waste waters collected from various industrial and domestic outlets were classified into respective units for monitoring. The parameters such as pH, Conductivity, turbidity, Dissolved Oxygen and Total Dissolved Solids (TDS) were measured by respective sensors. The water quality parameters were evaluated against the standards specified by IS: 10500 for drinking. The various parameters of water quality are automatically detected under the control of single chip microcontroller all day. The single chip gets the data, and then processes and compares them, for quality against standards. If the water quality is abnormal, the datas are instantaneously sent to monitoring centre by GSM network in the form of SMS.

No. of Pages: 8 No. of Claims: 5

(22) Date of filing of Application :23/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SELF ACTIVATING AIRCRAFT DISASTER RECOVERY SYSTEM

(51) International classification	:G01s	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE REGISTRAR
(32) Priority Date	:NA	Address of Applicant :VELS UNIVERSITY,
(33) Name of priority country	:NA	P.V.VAITHIYALINGAM ROAD, VELAN NAGAR,
(86) International Application No	:NA	PALLAVARAM, CHENNAI - 117, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MS.LAVANYA.V
(61) Patent of Addition to Application Number	:NA	2)MS.SIVAKUMAR.K
Filing Date	:NA	3)MS.VIJAYALAKSHMI.P
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel system which is used to acquire the various data related to an aircrafts physical parameters like its altitude, position and transmitting the information torn the control unit. This system automatically becomes active and starts transmitting the details of the flight when it is crashed or when the communication between the host and control unit is lost or even if the RADAR is forcibly disconnected during hijack. This distributed system uses burst mode transfer technology which will be active even if the aircraft disintegrates into pieces, so when the disaster occur all these individual units start transmitting information about the last good location of the plane over RF communication along with a visual strobe light for night time location identification. Ultimately it helps the rescue team to speed up the rescue operation and easily track the exact location of aircraft after the disaster occurs.

No. of Pages: 21 No. of Claims: 7

(21) Application No.5169/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: WIZCART

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EZHILAN.M
(32) Priority Date	:NA	Address of Applicant :SPIRALUP SOLUTIONS (P) LTD,
(33) Name of priority country	:NA	1067, OFFICERS COLONY, ANNA NAGAR WEST EXTN.,
(86) International Application No	:NA	CHENNAI - 600 101 Tamil Nadu India
Filing Date	:NA	2)SUNDARI.G
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)EZHILAN.M
Filing Date	:NA	2)SUNDARI.G
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system and method for facilitating easy and efficient shopping of products from the retail stores by preventing the long time period spent at the plurality of service delivery points prior to the check-out provided in the retail stores, shopping malls. The system comprises a hand held wireless communicating device capable of transmitting the product details hand-picked by the consumers from the storage racks of the retail stores to the shopping cart to the plurality of service delivery point systems, transmit the voice signals and QR codes corresponding to the said selected products and receiving the electronic bill generated for each transaction from the said plurality of service delivery point systems and electronically processing the said e-bill. The system also comprises a voice recognizer and a QR code and bar code interpreter at the plurality of service delivery point systems for interpreting the received voice signals and codes from the said wireless device and equipped for the electronic processing of the said transmitted e-bill. A further feature of the said system comprises automatic verification of the veracity of the products billed prior to the delivery of the said products to the end user and thus completely eliminating the waiting time period for the end user, completely automating the billing procedures and introducing a pleasant shopping experience. The invention also comprises a corresponding pay as you pick method termed as wizcart express implemented by the said system and the wizcart express + methodology for completely eliminating the requirement for manual verification of the billed products for executing the object of the invention.

No. of Pages: 28 No. of Claims: 15

(21) Application No.2499/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : EXPERIMENTATION DEVICE TO UNBUNDLE THE LIGHT BEAM ON REFRACTION, WHILE PROPAGATING AS T-BRANES ON STRING-MATTER CONTINUUM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B :NA :NA :NA	(71)Name of Applicant: 1)Jayakar Johnson Joseph Address of Applicant: Johnsons Medicom (P) Ltd, 9-55/38A2, JJM Complex, Kuzhithurai Tamil Nadu India
(33) Name of priority country(86) International Application NoFiling Date	:NA :NA	(72)Name of Inventor: 1)Jayakar Johnson Joseph
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This device is assigned to test the Unbundling effect of light as a propagating T-brane wave in string-matter continuum with duel wavelengths while subjected for dispersion by refraction. This device consists of a Ray box unit, Lens assembly unit and a Wave grater unit; and these units are assembled in an adjustable testing platform. The Wave grater unit is fixed at one end of the platform, whereas the Ray box and the Lens assembly units are mounted in moving trolleys with rack and pinions. Ray box unit has options to select various monochromatic and white light sources. Lens assembly unit has Base and Extension cylinders for a telescopic expansion arrangements to hold Biconcave and Plano-concave lenses by lens fixing rings. Wave grater unit contains a transparent triangular glass pyramid of regular tetrahedron mounted by Pyramid fixing ring. Sides of the pyramid are fitted with triangular glass slides to anchor one ends of the optical fibres in a triangular array pattern, while the other end of the fibres are connected to labelled connector plugs for plugin into the optical connector socket of the Visible Wavelength Optical Spectrum Analyser.

No. of Pages: 24 No. of Claims: 6

(21) Application No.4990/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ENERGY HARVESTING PORTABLE DEVICE AND THEREOF

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B, BHUBESH
(32) Priority Date	:NA	Address of Applicant :NO.24, VAIGAI STREET, BHARATH
(33) Name of priority country	:NA	NAGAR, ADAMBAKKAM, CHENNAI - 600 088, Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)B, BHUBESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to electricity generation from gas or fluid or any release from the mechanical engine more specifically combustion engine. The vertical axis rotor is housed inside the muffler of energy harvesting portable device. The flow or velocity which comes out of the said mechanical engine is considered to have sufficient thrust to rotate the vertical axis rotor. The vertical axis rotor is coupled to dynamo so that mechanical rotations can be converted into electrical energy. The electrical energy is then used for furthermore applications.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : MUTANT ASPARTATE KINASE GENE FROM CORYNEBACTERIUM SPECIES AND ITS APPLICATION FOR PRODUCTION OF L-LYSINE

(51) International classification :C12 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)Dr. RAMESH MALOTHU Address of Applicant: Assistant Professor & Head Department of Biotechnology, Institute of Science and Technology, Jawaharlal Nehru Technological University, Kakinada, AndhraPradesh-533003, India. Andhra Pradesh India (72)Name of Inventor: 1)Dr. D.MURALIDHARARAO 2)Dr. RAMESH MALOTHU 3)Dr. M.A.RAJAK 4)U. KERTHI 5)Dr. K.VENKATESWARLU
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(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards mutating nucleotide sequence of a native aspartate kinase gene at nucleotide positions 235 and 236 in the nucleotide sequence of the -subunit of the native aspartate kinase gene and utilizing a microorganism, Corynebacterium glutamicum for the production of aspartate derived amino acid namely, L-Lysine. Additionally, the present invention relates to construction of a mutant enzymatically active aspartate kinase protein with resistance to feedback inhibition by L-Lysine. Point-site directed mutagenesis was carried out in the -subunit of the enzyme through mutagenic primers, wherein one amino acid in the -subunit of the polypeptide sequence was replaced at position that corresponds to amino acid 79 (serine) with valine. The mutants resistant to the lysine analogue, S-(2-aminoethyl)-L-cysteine exhibited growth in the medium containing the analogue indicating the presence of feedback resistant enzymatically active aspartate kinase protein. Biotechnological production of L-lysine by mutant Corynebacterium glutamicum was calculated to be 46.2 g/l of fermented broth.

No. of Pages: 34 No. of Claims: 9

(21) Application No.4796/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :10/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : REBOOT MONITOROING SYSTEM FOR HANDLING THE REBOOT HISTORY WITH THE HELP OF FIRMWARE

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANBALAGAN KANDASAMY
(32) Priority Date	:NA	Address of Applicant :APT 111, 422 DSR PRIDE, 24 MAIN,
(33) Name of priority country	:NA	HSR 2 SECTOR, BANGALORE 560102, INDIA Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANBALAGAN KANDASAMY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This patent and invention of REBOOT MONITORING SYSTEM (RMS) is about introducing advanced firmware logic into the computing device to handle Reboot/Reset history. My monitoring the reboot and its history the end user can deduct the transient problems early in the life cycle and find a possible issues like Glitch. Please refer the RMS-Abstract-Diagram for RMS basic requirements. This invention details and logic processes the system reboot status and the history of reboot like

No. of Pages: 31 No. of Claims: 12

(21) Application No.4999/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : DEVELOPMENT OF A LONG-TERM MONITORING SYSTEM BASED ON FIBER OPTIC SENSORS IN CONCRETE STRUCTURES

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.E.B.PERUMAL PILLAI
(32) Priority Date	:NA	Address of Applicant :R.M.K. COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING AND TECHNOLOGY, R.S.M., NAGAR,
(86) International Application No	:NA	PUDUVOYAL - 601 206, Tamil Nadu India
Filing Date	:NA	2)DR.T.V.PADMAVATHY
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.E.B.PERUMAL PILLAI
Filing Date	:NA	2)DR.T.V.PADMAVATHY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A structural health monitoring system is used to detect the location of crack damage on structure and structural elements. The optic sensor system comprises a receiver to receive the lights from sensors being placed at different locations and each sensor includes a sensing fiber. Each sensor generates an output light signal with a specified wavelength. The property of the sensing fiber of the output light signal varies when stress is included in the sensing. This detection system includes a memory to store the information related to mapping between the wavelength of the output light signals and the regions where the optic sensors are placed.

No. of Pages: 10 No. of Claims: 11

(22) Date of filing of Application :25/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: NOVEL MIXED LIGAND RUTHENIUM (III) COMPLEXES, ITS PRODUCTION METHOD AND USE IN CANCER THERAPY

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.G.PUTHILIBAI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	SRI SAIRAM ENGG. COLLEGE, WEST TAMBARAM,
(86) International Application No	:NA	CHENNAI - 600 044, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.G.PUTHILIBAI
(61) Patent of Addition to Application Number	:NA	2)DR.S.VASUDHEVAN
Filing Date	:NA	3)DR.G.RAJAGOPAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to new ruthenium(III) compounds of formula (2) [Rum (A) (B)-(L - 4X6Y)] (004)2 2H2O, the preparation thereof, intermediate compound of formula (1) [Ru (A) (B) (L - 4X6Y)] C104 . 2H2O, for preparing them and the use of the compounds in the treatment and/or prevention of cancer, wherein formula (2) is a solvate or prodrug thereof, wherein Ru represents a ruthenium atom, A is phen/bpy, B is phen/bpy/dppz and L represents bidentate Schiff base ligand of N- and O- donors = FPIMP-4X6Y, wherein FPIMP= 4-fluorophenyliminomethylphenol, wherein X = H/Cl and Y = H/Cl/Br/I. The invented compounds may be used in the form of pharmaceutically acceptable salts and/or prodrugs. Prodrugs are the compounds of the invention which can be converted into the compounds of formula (2) in vivo.

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :07/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A FREE SIZE PLUG FITS TO ALL SOCKETS.

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)MOHAPATRA GAURAB
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :GAURAB MOHAPATRA, AT- TIKIRA, AGARAPARA, P.OB.T. PUR, DIST- BHADRAK,
(86) International Application No Filing Date (87) International Publication No.	:NA :NA : NA	STATE-ODISHA, COUNTRY-INDIA PIN-756115 Orissa India (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA	1)MOHAPATRA GAURAB
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Device and methods for enabling a.single plug in 2 Pin Mode (200) with thinnest Prongs 101-1 and 101-2 which enable them for insertion into slots of any diameter are enclosed within Non-Conducting Covers 102-1 and 102-2 respectively that are always in a state of being pushed apart by the Cloth-Peg like structures 103-1 and 103-2 to fix to the wall of slots of socket enabling the plug to fit into any 2 Pin Socket and in 3 Pin Mode (300) with thinnest Prongs 101-1, 101-2 and 101-3 which enable them for insertion into slots of any diameter are enclosed within Non- Conducting Covers 102-1, 102-2 and 301 that are always in a state of being pushed apart by the Cloth-Peg like structures 103-1 and 103-2 that repel the Non- Conducting Covers 102-1,102-2 and Spring Cases 103-1 and 103-2 that pushes the Non-Conducting Cover 301 apart from Non-Conducting Covers 102-1, 102-2 to fix to the wall of slots of socket enabling the plug to fit into any 3 Pin Socket.

No. of Pages: 35 No. of Claims: 2

(22) Date of filing of Application :19/08/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TECHNIQUES FOR DUAL MODULATION DISPLAY WITH LIGHT CONVERSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G09G3/20,H05B37/02 :61/775,375 :08/03/2013 :U.S.A. :PCT/US2014/016212 :13/02/2014 :WO 2014/137565 :NA :NA :NA	(71)Name of Applicant: 1)DOLBY LABORATORIES LICENSING CORPORATION Address of Applicant:100 Potrero Avenue, San Francisco, California 94103-4813 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)NINAN, Ajit 2)WAN, Chun Chi
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(57) Abstract:

Techniques for driving a dual modulation display include generating backlight drive signals to drive individually controllable illumination sources. The illumination sources emit first light onto a light conversion layer. The light conversion layer converts the first light into second light. The light conversion layer can include quantum dots or phosphor materials. Modulation drive signals are generated to determine transmission of the second light through individual subpixels of the display. These modulation drive signals can be adjusted based on one or more light field simulations. The light field simulations can include: (i) a color shift for a pixel based on a point spread function of the illumination sources; (ii) binning difference of individual illumination sources; (iii) temperature dependence of display components on performance; or (iv) combinations thereof.

No. of Pages: 33 No. of Claims: 16

(22) Date of filing of Application :21/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: MARKING OF ELECTRONICALLY READABLE UNIQUE IDENTIFICATION NUMBERS AT RANDOM LOCATION ON PRODUCTS FOR AUTHENTICATION, TRACING AND TO PREVENT COUNTERFEITING.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06K7/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)SHANTANU GHOSH Address of Applicant: WIB (R) 12/2, PHASE-IV A, GOLF GREEN, KOLKATA-700095, WEST BENGAL, INDIA West Bengal India (72)Name of Inventor: 1)SHANTANU GHOSH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a counterfeit-proof labels having QR code and in particular, this invention relates to the Counterfeit-proof labels having QR code and an online verification system using a mobile phone. More particularly, this present invention also relates to a method of verifying whether a product label by using the counterfeit- proof labels having QR code. Furthermore, this invention also relates to a system for verifying verifiable counterfeit-proof labels.

No. of Pages: 11 No. of Claims: 1

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : CUSPED PERMANENT MAGNET ELECTRON CYCLOTRON RESONANCE-PLASMA ENHANCED-FILM DEPOSITION AND ETCHING SYSTEM

(51) International classification	·H01127/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. GOURANGA SUNDAR TAKI
(32) Priority Date	:NA	Address of Applicant :PROFESSOR, INSTITUTE OF
(33) Name of priority country	:NA	ENGINEERING AND MANAGEMENT, KOLKATA-91 INDIA
(86) International Application No	:NA	West Bengal India
Filing Date	:NA	2)SAYAK DUTTA GUPTA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. GOURANGA SUNDAR TAKI
Filing Date	:NA	2)SAYAK DUTTA GUPTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a compact Electron Cyclotron Resonance-Plasma Enhanced-Film Deposition and Etching system. The system develops uniform dielectric films by chemical vapour deposition technique. It can also efficiently etch a work piece. A pair of oppositely oriented, inline solid cylindrical permanent magnet in conjunction with a specially configured annular iron disc and return yoke produces a cusped close iso-gauss ECR surface. The substrate is placed at a uniform magnetic field inside the plasma chamber. The radial injection of microwave power at high magnetic field region causes efficient absorption of microwave power creating high density plasma. The emission of sufficient cold secondary electrons from alumina surfaces maintains a stable ECR plasma discharge. A large cross- sectional area of stable high density plasma, in the vicinity of the work piece, facilitates faster uniform high quality dielectric film deposition and efficient sputtering of the work piece.

No. of Pages: 18 No. of Claims: 10

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : A POWER HACKSAW MACHINE FOR SIMULTANEOUS TOP AND BOTTOM CUTTING OF WORKPIECES INCLUDING METAL AND THE LIKE.

(51) International classification	:B23D51/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABHIMANYU
(32) Priority Date	:NA	Address of Applicant :Qtr. No. C1/6, SBI Staff Quarters,
(33) Name of priority country	:NA	Badharghat, P.O. A D Nagar, Agartala, Tripura(W), PIN-
(86) International Application No	:NA	799003,India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DUTTA, Dr. Debjit
(61) Patent of Addition to Application Number	:NA	2)ABHIMANYU
Filing Date	:NA	3)SARKAR, Abhisek
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT:- The present invention relates to power hacksaw machine for cutting of workpieces including metals/steel material. More particularly, the present invention is directed to provide a twin blade power hacksaw machine for metal cutting wherein two blades are horizontally disposed with the teeth of the blades facing each other and the workpiece is located between the blades which remain in contact with the cutting edges of the blades such that cutting of metal takes place simultaneously on both sides/faces of the workpiece when reciprocating motion is provided to the blades by a motor through crank and connecting rod mechanism, which move along straight line on same plane on opposite surfaces of the workpiece. Cutting force is applied by own weight of the top blade holder and spring force applied on bottom blade holder. The machine enhances metal cutting rate and productivity, whereby near about half of the cutting time will be saved as compared to conventional hacksaw technology. (Figure 3 & 4)

No. of Pages: 29 No. of Claims: 12

(22) Date of filing of Application :04/09/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN APPARATUS FOR SEPARATING THE CORE FROM ELEPHANT APPLE FRUIT

(51) International classification	:A23N5/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAKASH KUMAR NAYAK
(32) Priority Date	:NA	Address of Applicant :ASSISTANT PROFESSOR
(33) Name of priority country	:NA	DEPARTMENT OF FOOD PROCESSING TECHNOLOGY CIT
(86) International Application No	:NA	KOKRAJHAR BTAD, ASSAM-783370. Assam India
Filing Date	:NA	2)KALPANA RAYAGURU
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PRAKASH KUMAR NAYAK
Filing Date	:NA	2)KALPANA RAYAGURU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

An apparatus for separating the core from elephant apple fruit. Elephant apple is a complex fruit and it is hard, high in fibre and inside pulp contains gelatinous substances also the pulp is attach only with sepal in one side and it is very tight and hard. So, it is difficult job to remove pulp form sepal by direct sectioning. Based on the physical properties of the fruits the cutter was fabricated with fruit platform, fruit cutter die, fruit holder, force distribution handle and frame. Two holder rings were placed in the instrument, one of them in the platform and another one placed above the platform at a defined distance. The purpose of placing two holder rings is to avoid the slipping of fruit as well as to avoid the upward movement of fruit during the operation. A movable fruit cutter die is placed at the top of the cutter, supported through two 3hafts which are attached to the platform. A handle (leaver) is attached to the cutter die which is a hand operated one. When the fruit is place in between the two holder rings, the fruit cutter die is operated with the help of the shaft (in the downwards) to bore into the fruit. When the fruit cutter die moved upwards, it carries way the core part of the fruit. Efficiency, loses has been compared with the traditional locally available cutter. The apparatus for separating the core from elephant apple cutter is affordable because of safety and user friendly as compare with other traditional cutting tools such as Knife and Boti. This apparatus is expected to have a lot of market potential in fruit beverage industry. Individual and industrial users would be relieved from the drudgery of extracting pulp which would lead to greater convenience and increased consumption. Further, it offers additional advantage of slicing other fruits and vegetables with hard outer cover.

No. of Pages: 14 No. of Claims: 7

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11250/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: HIGH THROUGHPUT DNA FRAGMENT ASSEMBLY

(51) International classification	:C12N15/63	(71)Name of Applicant:
(31) Priority Document No	:61/675929	1)DOW AGROSCIENCES LLC
(32) Priority Date	:26/07/2012	Address of Applicant :9330 Zionsville Road Indianapolis IN 46268
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/051641	(72)Name of Inventor:
Filing Date	:23/07/2013	1)KUMAR Sandeep
(87) International Publication No	:WO 2014/018512	2)EVANS Steven L.
(61) Patent of Addition to Application Number	:NA	3)GUPTA Manju
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

⁽⁵⁷⁾ Abstract:

This invention is related to methods and systems for vector assembly for transgenic plants. A uniform modular process is used to reduce cycle time and the methods and systems provided herein can increase cloning throughput using multiple well plates for example 96 well plates. In some embodiments the methods and systems provided herein eliminate or reduce the need for sequencing confirmation because no PCR is involved in the vector assembly process.

No. of Pages: 51 No. of Claims: 20

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEM FOR LAUNCHING AND RETRIEVING SUBMARINE VEHICLES IN PARTICULAR TOWED SUBMARINE VEHICLES

(51) International classification(31) Priority Document No(32) Priority Date	:B63B21/66,B63B27/36 :1201573 :01/06/2012	(71)Name of Applicant: 1)THALES Address of Applicant: 45 rue de Villiers F 92200 Neuilly sur Seine
(33) Name of priority country	:France	France
(86) International Application No Filing Date	:PCT/EP2013/061272 :31/05/2013	(72)Name of Inventor : 1)SOREAU Didier
(87) International Publication No	:WO 2013/178792	2)JEZEQUEL Olivier
(61) Patent of Addition to Application Number	:NA	3)JOURDAN Micha«l
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for automatically launching and retrieving with no human intervention marine or submarine vehicles (15) from a carrier ship (10) which remains in movement in order to limit the amplitude of the pitch and roll movements to which the vehicle is subjected. The system comprises a tiltable hinged ramp (11) which comprises a bottom (113) and edges (114, 115) and a towing means (14, 16) making it possible to control the sliding of the vehicle (15) along the ramp (11) during the launch and to hoist the vehicle (15) along the ramp (11) during the retrieval thereof. The ramp has a free end (112) the vertical position of which varies between a submerged position in which said end is immersed in the water and an above water position in which the ramp is in horizontal position. The system also comprises a buoyancy means which enables the free end to float on or near the surface of the water when the ramp is lowered. The bottom of the hinged ramp also has an outer surface configured such as to form a dry dock having a V shaped or W shaped cross section and a receiving and guiding means (13) comprising a receiving device configured such as to receive the end of the vehicle and to remain in contact with the vehicle during the launch and retrieval operations the receiving device being driven with the vehicle by the towing means. The receiving device comprises vertical protection elements (131) intended for providing a frontal bearing for wings of the vehicle when the end thereof is inserted in the receiving device the frontal bearing thus provided making it possible to contribute to keeping the vehicle aligned with the ramp.

No. of Pages: 35 No. of Claims: 12

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR DYNAMICALLY DISPLAYING A PERSONALIZED HOME SCREEN ON A DEVICE

(33) Name of priority country :U.S.A.

(86) International Application No PCT/US2012/069250 Filing Date :12/12/2012

(87) International Publication No :WO 2013/180751

(61) Patent of Addition to Application
Number
:NA

Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

:G06F3/048,G06F17/30,G06F3/14 (71)Name of Applicant :

1)DOAT MEDIA LTD.

Address of Applicant: 154 Derech Menachem Begin 64921 Tel Aviv

Israel

(72)Name of Inventor:

1)KASTERSTEIN Rami 2)BEN DAVID Amihay

3)SIMHON Joey Joseph

(57) Abstract:

A method for dynamically generating and displaying a home screen on a display of a user device comprises receiving a user query input by a user of the device; receiving at least one environmental variable; determining an intent of a user based in part on the at least one environmental variable and the user query; selecting at least one resource of information from a plurality of resources of information respective of at least the intent wherein each selected resource has a representative icon; generating a new home screen comprising an at least one icon corresponding to the at least one selected resource of information; and causing the user device to replace a current home screen with the new generated home screen.

No. of Pages: 27 No. of Claims: 24

(22) Date of filing of Application :31/12/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: HEADREST SUPPORT STRUCTURE

(21) Application No.11253/DELNP/2014 A

(57) Abstract:

(19) INDIA

A headrest support structure comprising: a support member configured so as to support a protruding member protruding from a headrest; a bracket configured so as to be provided in the seat back and having a housing chamber wherein the support member is housed so as to be tiltable in the front rear direction orthogonal to the width direction of the headrest; a spring provided in the housing chamber that bends and deforms according to the tilting of the support member relative to the bracket in the front rear direction; and a protruding section that protrudes in the front rear direction from either the outside surface of the support member or the inside surface of the bracket which are mutually facing. The protruding section is provided in a different position to the spring in a specified direction orthogonal to both the front rear direction and the headrest width direction.

No. of Pages: 41 No. of Claims: 9

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RAILWAY RAIL FASTENING CLIP AND PAD FOR RECESSED RAILSEATS

(51) International classification	:E01B9/30,E01B9/68	(71)Name of Applicant:
(31) Priority Document No	:1210365.1	1)PANDROL LIMITED
(32) Priority Date	:12/06/2012	Address of Applicant :63 Station Road Addlestone Surrey KT15 2AR
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2013/051024	(72)Name of Inventor:
Filing Date	:23/04/2013	1)GARDNER Christopher
(87) International Publication No	:WO 2013/186520	2)COX Stephen John
(61) Patent of Addition to Application Number	:NA	-
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A resilient railway rail fastening clip (3) has successive first to seventh portions (31 to 37) where when the clip (3) is in a non operative configuration the first and seventh portions (31, 37) of the clip (3) form leg portions which lie in a first plane (P) the second and sixth portions extend substantially away from and above the first plane (P) at least parts of the third and fifth portions (33, 35) extend towards and above the first plane (P) such that the longitudinal axes of the third and fifth portions (33, 35) lie substantially in a second plane (R) different from the said first plane (P) which second plane (R) intersects the first plane (P) at a first acute angle alpha and the fourth portion (34) extends substantially in or below the said first plane (P) such that the longitudinal axis of the fourth portion (34) lies substantially in a third plane (Q) which is different to the said second plane (R) and intersects the said first plane (P) at a second acute angle beta where 0°

beta<ahref="mailto:april of the second and sixth portions (31, april of the second and sixth portions (32, april of the second and sixth portions (33, april of the second and sixth portions (april of the second plane (B) and intersects the said first plane (P) at a second acute angle beta where 0°

beta<ahref="mailto:april of the second and sixth portions (april of the second and sixth portions (april of the second and sixth portions (april of the second and april of the second and applied to a first plane (P) at a second acute angle beta where 0°

beta<ahref="mailto:april of the second and sixth portions (april of the secon

No. of Pages: 26 No. of Claims: 13

(21) Application No.11244/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: COATING A SUBSTRATE WEB BY ATOMIC LAYER DEPOSITION

(31) Priority Document No :NA (32) Priority Date :-	 (71)Name of Applicant: 1)PICOSUN OY Address of Applicant: Tietotie 3 FI 02150 Espoo Finland (72)Name of Inventor: 1)LINDFORS Sven
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(57) Abstract:

The present invention relates to a method of receiving and treating a moving substrate web (1 10) in a reaction space of an atomic layer deposition (ALD) reactor (100) and apparatuses therefore. It also pertains to a production line that includes such a reactor. The invention comprises receiving a moving substrate web into a reaction space (150) of an atomic layer deposition reactor providing a track for the substrate web with a repeating pattern (140) in the reaction space and exposing the reaction space to precursor pulses to deposit material on the substrate web by sequential self saturating surface reactions. The pattern is performed by turning the direction of propagation of the substrate web a plurality of times in the reaction space. One effect of the invention is adjusting an ALD reactor to a required production line substrate web speed.

No. of Pages: 31 No. of Claims: 15

6)SHIRAKAWA Junichi

7)MURATA Koichi

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: VEHICLE BODY SUPPORT DEVICE AND RAILROAD VEHICLE

(51) International classification :B61F5/10,B60G99/00,B61F5/12 (71)Name of Applicant : (31) Priority Document No :2012157877 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA (32) Priority Date :13/07/2012 Address of Applicant: 1 1 Higashikawasaki cho 3 chome Chuo ku (33) Name of priority country Kobe shi Hyogo 6508670 Japan :Japan (86) International Application No :PCT/JP2013/068858 (72)Name of Inventor: Filing Date :10/07/2013 1)SATO Yoshi (87) International Publication No :WO 2014/010624 2)TAGA Yukitaka (61) Patent of Addition to Application 3)NAKAO Shunichi :NA Number 4)ISOMURA Kazuo :NA 5)TAMAKI Makoto

Filing Date
(62) Divisional to Application Number :NA

Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A vehicle body support device of a railroad vehicle comprising support mechanisms (110, 210) for supporting a vehicle body on carriages the mechanisms being disposed between a vehicle body (20) and a front carriage (11) or a rear carriage (12) respectively in the travel direction. When the railroad vehicle is going through a curve the support mechanisms (110, 210) restrict the front carriage (11) and the rear carriage (12) from tilting the same way in the vehicle width direction relative to the vehicle body (20) and allow the front carriage and rear carriage to tilt different ways in the vehicle width direction.

No. of Pages: 97 No. of Claims: 18

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CATALYTIC REDUCTION OF NOX WITH HIGH ACTIVITY CATALYSTS

(51) International classification(31) Priority Document No(32) Priority Date	:B01D53/86 :61/681251 :09/08/2012	(71)Name of Applicant : 1)EXXONMOBIL REASEARCH AND ENGINEERING COMPANY
(33) Name of priority country	:U.S.A.	Address of Applicant :1545 Route 22 East P.O. Box 900 Annandale
(86) International Application No	:PCT/US2013/051648	NJ 08801 0900 U.S.A.
Filing Date	:23/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/025530	1)DANDEKAR Ajit B.
(61) Patent of Addition to Application Number	:NA	2)SOCHA Richard F.
Filing Date	:NA	3)ECKES Richard L.
(62) Divisional to Application Number	:NA	4)WALDRUP S. Beau
Filing Date	:NA	

(57) Abstract:

Methods and systems for selective catalytic reduction of NOx with an activated carbon supported metal catalyst at an operating temperature of between about 500 °C and about 750 °C. An exhaust stream including NOx is introduced to a catalytic reactor having the activated carbon supported metal catalyst for NOx reduction of at least 90%. A second catalyst reactor can be provided downstream to remove or convert nitrous oxide as desired.

No. of Pages: 25 No. of Claims: 37

(21) Application No.11260/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : FEEDER UNIT A FEEDER MODULE COMPRISING A PLURALITY OF FEEDER UNITS AND METHOD FOR DISCHARGING A CONSTANT MASS FLOW OF ONE OR MORE POWDERS INTO A RECEIVING CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01G13/00,G01G11/08,G01G17/00 :NA :NA :NA :PCT/IB2012/052803 :04/06/2012 :WO 2013/182869 :NA :NA	(71)Name of Applicant: 1)GEA PROCESS ENGINEERING NV Address of Applicant: Bergensesteenweg 186 B 1500 Halle Belgium (72)Name of Inventor: 1)VERHOEST Bart 2)SCHAEPMAN Alexander Clemens Henricus Josef 3)VUGTS Johannes Adrianus Jozef Maria
Number Filing Date	:NA :NA	

(57) Abstract:

A feeder unit (2) comprising a storage hopper (21) a weighing cell (24) a conveyer (22) and a discharge end (23) wherein the storage hopper is adapted to be connected to a refilling system and the discharge end (23) to a receiving container. A working space (ws) is defined by the aritmethic product of the dead weight (dw) of the feeder unit (2) and the refilling interval (ri) such that the working space (ws) is below 0.2 kgh. Furthermore a method method for discharging a constant mass flow of one or more powders into a receiving container is defined.

No. of Pages: 37 No. of Claims: 25

(22) Date of filing of Application :31/12/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: MOLTEN \ IRON \ PRELIMINARY \ TREATMENT \ METHOD \ AND \ STIRRER \ FOR \ MOLTEN \ IRON \ PRELIMINARY \ TREATMENT$

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C21C1/02,F27D27/00 :2012161429 :20/07/2012 :Japan :PCT/JP2013/004306 :12/07/2013 :WO 2014/013707 :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)ISHIGAKI Yusuke 2)NISHINA Yoshiaki 3)HASHITANI Ryoji 4)KIKUCHI Naoki 5)MATSUI Akitoshi
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(57) Abstract:

The purpose of the present invention is to reduce vibration in a stirring device comprising a rotating shaft and impeller even if the rotational speed of the impeller is increased to improve reaction efficiency in molten iron preliminary treatment which is carried out while the stirrer is used to agitate the molten iron by rotating the impeller while immersed in the molten iron. This molten iron preliminary treatment method is a molten iron preliminary treatment method in which an impeller (3) attached to a tip part of a rotating shaft (2) is immersed in molten iron (5) within a smelting vessel (4) and in which the molten iron and an additive (6) is stirred by rotating the impeller that is immersed. Stirring is carried out with the resonant frequency of a primary curve of the rotating shaft is made larger than the rotational frequency of the impeller stirring the molten iron.

No. of Pages: 38 No. of Claims: 7

(21) Application No.11262/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : HIGH STRENGTH HOT DIP GALVANIZED STEEL SHEET HAVING EXCELLENT MOLDABILITY AND SHAPE FIXABILITY AND METHOD FOR MANUFACTURING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)HASEGAWA Hiroshi 2)KANEKO Shinjiro 3)NAGATAKI Yasunobu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a high strength hot dip galvanized steel sheet having: a tensile strength (TS) no less than 1180 MPa; a total elongation (EL) no less than 14%; a hole expansion ratio (δ) no less than 30%; and a yield ratio (YR) no greater than 70% and having excellent moldability and shape fixability. Also provided is a method for manufacturing the high strength hot dip galvanized steel sheet. A high strength hot dip galvanized steel sheet having excellent moldability and shape fixability characterized in having a component composition comprising by mass 0.10 to 0.35% of C 0.5 to 3.0% of Si 1.5 to 4.0% of Mn 0.100% or less of P 0.02% or less of S and 0.010 to 0.5% of Al with the remainder made up by Fe and unavoidable impurities; the microstructure containing by area ratio 0 to 5% of polygonal ferrite 5% or more of bainitic ferrite 5 to 20% of martensite 30 to 60% of tempered martensite and 5 to 20% of residual austenite; and the average particle diameter of prior austenite being no greater than 15 μ m.

No. of Pages: 40 No. of Claims: 7

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FILTRATION OF CELL CULTURE SUPERNATANTS

(51) International classification	:C12N5/04,C12P21/00	(71)Name of Applicant :
(31) Priority Document No	:12177277.6	1)GREENOVATION BIOTECH GMBH
(32) Priority Date	:20/07/2012	Address of Applicant :Btzinger Strasse 29b 79111 Freiburg im
(33) Name of priority country	:EPO	Breisgau Germany
(86) International Application No	:PCT/EP2013/065264	(72)Name of Inventor:
Filing Date	:19/07/2013	1)GROSSE Thomas
(87) International Publication No	:WO 2014/013045	2)NIEDERKRGER Holger
(61) Patent of Addition to Application Number	:NA	3)SCHAAF Andreas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for separating off a liquid supernatant from cells comprising the steps: providing a mixture of the cells with a liquid charging a first filter housing with the mixture wherein in the filter housing a filter having a pore size of between 4 μ m and 50 μ m is provided on a flat base surface pierced in a sieve manner and the walls of the filter housing are connected so as to seal with the flat base surface that is pierced in a sieve manner applying a differential pressure of at least 0.5 bar on the mixture as a result of which the liquid portion of the mixture is forced through the filter and a filter cake containing cells remains in the filter housing and removal of the filtered liquid.

No. of Pages: 23 No. of Claims: 15

(21) Application No.11271/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 31/12/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: DEVICE FOR INCREASING MICROCIRCULATION

(51) International classification :A61N1/36,A61N1/32,A61N1/04 (71)Name of Applicant : (31) Priority Document No 1)SKY MEDICAL TECHNOLOGY LIMITED :1211316.3 (32) Priority Date :26/06/2012 Address of Applicant :Daresbury Innovation Centre Keckwick Lane (33) Name of priority country Daresbury Cheshire WA4 4FS U.K. :U.K. (86) International Application No :PCT/GB2013/051665 (72)Name of Inventor: Filing Date :25/06/2013 1)TUCKER Arthur (87) International Publication No :WO 2014/001778 2)BAIN Duncan (61) Patent of Addition to Application :NA

Number Filing Date

:NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method and device for increasing microcirculation in the lower limb are described. The device includes a means for immobilising the limb for example a plaster cast and an electrical stimulation device which applies electrical stimulation to opposed leg muscles such that antagonistic and agonistic muscle groups contract near simultaneously resulting in near isometric contraction. The combination of this contraction and the leg restraint have been found to markedly increase blood circulation and in particular microcirculation in the limb.

No. of Pages: 21 No. of Claims: 11

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF PRODUCING RECOMBINANT IDURONATE 2 SULFATASE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12P21/02 :61/666712 :29/06/2012 :U.S.A.	(71)Name of Applicant: 1)SHIRE HUMAN GENETIC THERAPIES INC. Address of Applicant: 300 Shire Way Lexington Massachusetts 02421 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date (87) International Publication No	:28/06/2013 :WO 2014/005036	1)ZHANG Chun 2)BOLDOG Ferenc
(61) Patent of Addition to Application Number	:NA	2,2 0,22 0 0 1 Vicino
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides among other things methods and compositions for large scale production of recombinant I2S protein using suspension culture of mammalian cells in serum free medium. In particular the present invention uses mammalian cells co express a recombinant I2S protein and a formylglycine generating enzyme (FGE).

No. of Pages: 90 No. of Claims: 61

(21) Application No.11274/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A METHOD A SERVER AND A POINTING DEVICE FOR ENHANCING PRESENTATIONS

(51) International classification :G06F3/14,G09B5/08,G06F3/03 (71)Name of Applicant : (31) Priority Document No :12305969.3 1)ALCATEL LUCENT (32) Priority Date :03/08/2012 Address of Applicant :148/152 route de la Reine F 92100 Boulogne (33) Name of priority country :EPO Billancourt France (86) International Application No :PCT/EP2013/066067 (72)Name of Inventor: Filing Date :31/07/2013 1)NOURI Marwen (87) International Publication No :WO 2014/020057 2)DELEGUE Grard (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention concerns a method for making a presentation comprising sending (202) an image of the presentation to be displayed on a screen (101) in particular to a display device (100) and via a network device (108) while the image is displayed receiving (203, 204) from a pointing device (110) information about the alignment of the pointing device (110) relative to the screen (101) determining (205, 206, 212) a predetermined action to be performed depending on the information received and sending (208) the result of the predetermined action in particular to the display device (100) and via the network device (108).

No. of Pages: 21 No. of Claims: 18

(21) Application No.11275/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A LIPOSOMAL COMPOSITION COMPRISING A STEROL MODIFIED LIPID AND A PURIFIED MYCOBACTERIAL LIPID CELL WALL COMPONENT AND IT S USE IN THE DIAGNOSIS OF TUBERCULOSIS

(51) International classification :G01N33/543,A61K8/63 (71)Name of Applicant : (31) Priority Document No :2012/04273 1)UNIVERSITY OF PRETORIA (32) Priority Date :11/06/2012 Address of Applicant :Lynnwood Road Hillcrest 0002 Pretoria South (33) Name of priority country :South Africa :PCT/IB2013/054686 (86) International Application No (72)Name of Inventor: Filing Date :07/06/2013 1)BAUMEISTER Carl (87) International Publication No :WO 2013/186679 2)SHAW Walter Allen (61) Patent of Addition to Application Number :NA 3) VERSCHOOR Jan Adrianus Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A liposomal composition comprising a sterol modified lipid and a purified mycobacterial lipid cell wall component or analog or derivative thereof is described. The composition is useful as a lipid antigen presenting vehicle for the detection of lipid antigen specific biomarker antibodies in antibody containing biological samples in the diagnosis of active tuberculosis. The purified lipid cell wall component is typically a purified mycolic acid or a mixture of mycolic acids from a mycobacterium that produces mycolic acids. The sterol modified lipid is typically a phospholipid.

No. of Pages: 40 No. of Claims: 15

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MODULAR TRANSPORTATION OF A WELDING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:05/09/2013 :WO 2014/039734 :NA :NA	(71)Name of Applicant: 1)ILLINOIS TOOL WORKS INC. Address of Applicant: 155 Harlem Avenue Glenview Illinois 60025 U.S.A. (72)Name of Inventor: 1)SAMMONS Michael Allen 2)SONTAKKE Pravin Prabhakarrao
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Present embodiments include a modular welding component transportation system (10). The system includes a front panel (12) and a wheel assembly (16). The front panel includes a support platform configured to support a welding system component and the wheel assembly includes a first plurality of wheels. The system also includes a rail (14) configured to adjustably couple with the front panel proximate a first end of the rail and configured to couple with the wheel assembly proximate a second end of the rail. Locating surfaces of the wheel assembly are configured to receive and align the rail for engagement with walls of the wheel assembly. The system further includes a second plurality of wheels (24) configured to be coupled with the front panel or proximate the first end of the rail.

No. of Pages: 25 No. of Claims: 20

(21) Application No.11264/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TREATMENT OF TAILINGS WITH DEIONIZED SILICATE SOLUTIONS

(51) International classification (202F11/00,C04B28/26,B09B3/00 (71)Name of Applicant: (31) Priority Document No (61/668595 1)E. I. DU PONT DE N

:NA

(32) Priority Date :06/07/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/035232

Filing Date :04/04/2013

(87) International Publication No :WO 2014/007904

(61) Patent of Addition to Application
Number
Siling Date
(62) Divisional to Application Number:NA

(72)Name of Inventor :1)MOFFETT Robert Harvey2)KRISTJANSDOTTIR Sigridur Soley

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant: 1007 Market Street Wilmington Delaware

(57) Abstract:

Filing Date

A process for treating a tailings stream comprises (a) contacting a deionized silicate solution with a tailings stream whereby the solids are entrapped within a gel produced from the silicate solution; and (b) allowing the gel to strengthen and solidify. The process may further comprise spreading the gel produced in step (a) over a surface. The present invention is particularly useful to treat tailings streams produced in processes to extract bitumen from oil sands ores.

19898 U.S.A.

No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :31/12/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: NOVEL PEST REPELLENTS FROM PLANT EXTRACTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K36/00 :61/668042 :05/07/2012 :U.S.A. :PCT/IL2013/050575 :04/07/2013 :WO 2014/006626 :NA :NA	(71)Name of Applicant: 1)EDEN SHIELD LTD. Address of Applicant: 17 TeHelet St. 20179 MISGAV Israel (72)Name of Inventor: 1)KITRON KUPERSTEIN Yaniv 2)EITAN MENASHE Yonatan
• •		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A new composition for repelling pests is disclosed wherein said composition comprises an extract produced from at least one plant chosen from the group consisting of Achillea spp. Varthemia iphionoides Haplophyllum turberculatum Pulicaria incisa Asteriscus graveolens Tanacetum sinaicum Verbascum spp. Artemisia spp. and Ammi visnaga. In preferred embodiments the extract is produced from Achillea spp. Methods for applying the composition are also disclosed. The composition has been shown to be effective against a variety of pests including aphids thrips tomato borers tomato leaf miners and whiteflies.

No. of Pages: 43 No. of Claims: 54

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR DETERMINING REDUCING AGENT SLIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application Number 	:10 2012 105 953.5 :04/07/2012 :Germany :PCT/EP2013/062877 :20/06/2013 :WO 2014/005850	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant: Hauptstrae 128 53797 Lohmar Germany (72)Name of Inventor: 1)BAUER Peter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	
I ming Date	.11/1	

(57) Abstract:

The invention relates to a method for determining the reducing agent slip of an exhaust gas treatment device (23) said method having at least the following steps: determining a difference (5) of the sensor signals (3 4) of a second nitrogen oxide sensor (29) and of a device (41) for determining a nitrogen oxide quantity in the exhaust gas flow direction (31) upstream of the SCR catalytic converter (25); determining a control deviation (7) from the difference (5) and a target value (6) of the control element (2); determining a gradient (21) of the integrating control component (20); and establishing reducing agent slip if the control deviation (7) exceeds a first threshold value (9) and the gradient (21) exceeds a second threshold value (10). The method according to the invention and a correspondingly designed and equipped device allow the reliable establishment of a reducing agent slip and the use of a very fast control element.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: OVEN HAVING PYROLYSIS FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1020120062433 :12/06/2012 :Republic of Korea :PCT/KR2012/009625 :15/11/2012 :WO 2013/187561 :NA :NA	(71)Name of Applicant: 1)LEE Younghee Address of Applicant :Baekyeon Wonroom 4th floor 1265 4 Dukjin dong 1 ga Dukjin gu Jeonju Jeollabuk do 561 807 Republic of Korea (72)Name of Inventor: 1)LEE Younghee
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a pyrolysis device for purifying pollutants which are generated when heat is applied to food and a method therefor. The pyrolysis device for oven pollutants according to one embodiment comprises a heating means a combustion pipe a combustion space a connection pipe and an air blower. The heating means is provided in an oven cavity and surrounded by the combustion pipe wherein the combustion space is formed between the heating means and the combustion pipe for the movement of air. The air blower is connected to the combustion pipe through the connection pipe so as to move the air in the oven cavity to the combustion space and to discharge purified air to the outside. The air blower includes a fan which generates air flow. The connection pipe transmits the difference in air pressure which is generated by the blower to the combustion pipe in order to generate a lower pressure than the room pressure in the oven cavity. The pollutants are not diffused to the outside of the oven cavity but are pyrolyzed by remaining in the combustion space which is heated by the heating means at 700°C or more and for at least 0.5 seconds. The pyrolysis device according to the present invention has high energy efficiency since the heating means carries out the pyrolysis of the pollutants and heats food by supplying radiant heat to the oven cavity.

No. of Pages: 15 No. of Claims: 14

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: SPD FILMS AND LIGHT VALVE LAMINATES WITH IMPROVED BUS-BAR CONNECTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H05K 1/02 :61/256,836 :30/10/2009 :U.S.A. :PCT/US2010/054626 :29/10/2010 :WO 2011/039725 :NA	(71)Name of Applicant: 1)RESEARCH FRONTIERS INCORPORATED Address of Applicant: 240 CROSSWAYS PARK DRIVE, WOODBURY, NEW YORK 11797, U.S.A. U.S.A. (72)Name of Inventor: 1)DONGYAN WANG 2)STEVEN M SLOVAK 3)ROBERT L. SAXE
		1 '

(57) Abstract:

A connection between a power bus and a conducting layer of a suspended particle device in accordance with an embodiment of the present application includes an adhesive combined with metallic particles to impart both good adhesion and electrical conductivity. The adhesive is applied to a surface of the conducting layer. A conducting copper foil or conducting fabric is adhered to the adhesive and forms at least a portion of the power bus.

No. of Pages: 31 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/04/2012

(21) Application No.3194/DELNP/2012 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: MAGNETIC SEPARATOR

(51) International classification	:B03C 1/00	(71)Name of Applicant :
(31) Priority Document No	:61/279,945	1)MAGNETATION INC
(32) Priority Date	:28/10/2009	Address of Applicant :102 NE 3RD STREET, SUITE 120, GRAND
(33) Name of priority country	:U.S.A.	RAPIDS, MN 55744, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/054268	(72)Name of Inventor:
Filing Date	:27/10/2010	1)DAVID CHAPPIE
(87) International Publication No	:WO 2011/053640	2)MARTIN J. HALVERSON
(61) Patent of Addition to Application Number	:NA	3)LUCAS J. LEHTINEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Devices, systems and processes to treat slurries that include magnetic and nonmagnetic particles suspended in water in such a fashion as to separate certain valuable elements and/or minerals from less valuable minerals or elements A high intensity magnetic separator includes at least one large rotatable turntable that defines at least one circular channel therethrough in which a mat πx material is positioned. The turntable is configured to rotate in a generally horizontal plane about a generally vertical virtual axis, causing the at least one circular channel to rotate through a plurality of intermittent magnetic and nonmagnetic zones generated by a plurality of permanent magnet members A treatment slurry is directed into the channel or channels in one or more of the magnetic zones as the turntable rotates A tailings fraction passes through the channel or channels in a generally downward direction in the magnetic zones and is collected in tailings launders.

No. of Pages: 60 No. of Claims: 16

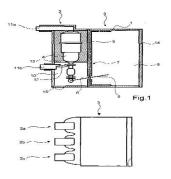
(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: ELECTRICAL DEVICE WITH A MULTI-CHAMBER HOUSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01H 33/66 :09012964.4 :14/10/2009 :EUROPEAN UNION :PCT/EP2010/006286 :14/10/2010 :WO 2011/045060 :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND Switzerland (72)Name of Inventor: 1)DIETMAR GENTSCH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to an electrical circuit-breaker device comprising at least one pole part (2; 2a, 2b, 2c) with a respective housing arrangement for encapsulating an interrupter insert (4) having two corresponding electrical contacts, and an adjacent actuator part (3) for mechanically moving one of said electrical contacts via an intermediate operating mechanism (5). The production method for that device includes the following production steps: molding a multi-chamber housing (1) by injection molding of plastic material with a first chamber (9) and at least one further chamber (10), assembling the actuator part (3) in the first chamber (9) and the at least one respective interrupter insert (4) in an own further chamber (10), assembling the intermediate operating mechanism (5) through an assembly opening (6) in a common side wall (7) between the first chamber (9) and the at least one further chamber (10).



No. of Pages: 12 No. of Claims: 12

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR DETECTION OF WATER FLOW IN GROUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01M 3/18 :0901324-4 :15/10/2009 :Sweden :PCT/SE2010/000243 :12/10/2010 :WO 2011/046480 :NA :NA	(71)Name of Applicant: 1)TOTALFORSVARETS FORSKNINGSINSTITUT Address of Applicant:SE-164 90 STOCKHOLM, SWEDEN Sweden (72)Name of Inventor: 1)STAFFAN ABRAHAMSON
(62) Divisional to Application Number Filing Date	:NA :NA	
* *		
1 11119 2 410		

(57) Abstract:

The invention relates to a device and a method to determine whether a water leakage has occurred in ground by means of Doppler radar. The device comprises a radar emitting unit for emitting electromagnetic waves into the ground, a receiver unit for receiving signals reflected from a fluctuating water surface, a signal processing unit which band pass filters the received signal to obtain a signal that only comprises the Doppler shifted frequencies, creates a measure of the derivative of the reflected signal and, in a decision processor, compares this measure with a threshold value corresponding to the signal value of the background. If the measure of the derivative exceeds said threshold value a leakage is considered to have occurred.

No. of Pages: 14 No. of Claims: 9

(21) Application No.1047/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MANAGEMENT SYSTEM FOR REFRIGERATED CONTAINERS

(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70452	1)APM TERMINALS MANAGEMENT B.V.
(32) Priority Date	:17/08/2011	Address of Applicant :Anna van Saksenlaan 71, NL- 2593 HW Den
(33) Name of priority country	:Denmark	Haag Netherlands
(86) International Application No	:PCT/EP2012/065457	(72)Name of Inventor:
Filing Date	:07/08/2012	1)CLARKE, Ross Colin
(87) International Publication No	:WO 2013/023962	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for and a method of supplying electrical power to a plurality of refrigerated containers. The method includes the steps of: obtaining carriage criteria of one or more refrigerated, containers processing said carriage criteria in a central processor configured to control power supply to a plurality of refrigerated containers on basis of output of said central processor, managing electrical power supply to said plurality of refrigerated containers.

No. of Pages: 20 No. of Claims: 14

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRANSMITTING RADIO NODE AND METHOD THEREIN FOR SCHEDULING SERVICE DATA FLOWS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04W72/12 :NA :NA :NA :PCT/SE2012/051226	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE -164 83 Stockholm Sweden (72)Name of Inventor: 1)VOIGT, Lotta
Filing Date	:09/11/2012	2)ERIKSSON ,Ann- Christine
(87) International Publication No	:WO 2014/074037	3)STJERNHOLM, Paul
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments herein relate to a method in a transmitting radio node (12) for scheduling service data flows within a radio bearer towards a receiving radio node (10) in a radio communications network (1). The transmitting radio node (12) identifies at least two service data flows within the radio bearer towards the receiving radio node (10), where each service data flow is associated with a service and/or a service quality requirement. The service and/or the service quality requirement is different for respective service data flow. The transmitting radio node (12) maps a Packet Data Convergence Protocol ,PDCP, Service Data Unit, SDU, of respective service data flow to a respective scheduling queue on a PDCP layer. Each scheduling queue is associated with the service and/or the service quality requirement of the respective service data flow. The transmitting radio node (12) schedules the PDCP SDUs within the scheduling queues of the at least two service data flows, to the receiving radio node (10), based on the service and/or the service quality requirement associated with the respective scheduling queue on the PDCP layer.

No. of Pages: 25 No. of Claims: 14

(21) Application No.3257/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: AL ALLOY CAST IMPELLER FOR COMPRESSOR AND PROCESS FOR PRODUCING SAME

(51) International classification :B22C9/02,B22C9/22,B22D15/00 (71)Name of Applicant : (31) Priority Document No :2012236226

(32) Priority Date :26/10/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/005067 Filing Date :28/08/2013

(87) International Publication No :WO 2014/064876

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date

1)UACJ CORPORATION

Address of Applicant: 1-7-2, Otemachi, Chiyoda-ku, Tokyo

1000004 Japan

(72)Name of Inventor:

1)TAKAHASHI, Koichi 2) USHIYAMA Toshio

(57) Abstract:

The present invention addresses the problem of providing an aluminum alloy cast impeller for compressors which stably shows high-temperature strength when used at temperatures around 200°C and which has excellent manufacturability. This Al alloy cast impeller for compressors has a configuration comprising a boss part, a plurality of blade parts, and a disk part. The Al alloy cast impeller for compressors is constituted of an Al alloy containing 1.4 - 3.2 mass% (hereinafter, referred to as %) Cu, 1.0 - 2.0% Mg, 0.5 - 2.0% Ni, 0.5 - 2.0% Fe, and 0.01 - 0.35% Ti. The boss part, the blade parts, and the disk part have secondary dendrite arm spacings of 20-50 µm, 10-35 µm, and 5-25 µm, respectively. The impeller satisfies the relationship Amax>Bmax>Cmax where Amax, Bmax, and Cmax respectively are the maximum secondary dendrite arm spacings of the boss par,t blade parts, and disk part and has a 0.2% proof stress at 200°C of 260 MPa or higher. Also disclosed is a process for producing the Al alloy cast impeller.

No. of Pages: 54 No. of Claims: 4

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SCRATCH RESISTANT POLARIZING ARTICLES AND METHODS FOR MAKING AND USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G02B5/30 :61/716478 :19/10/2012 :U.S.A. :PCT/US2013/064765 :14/10/2013	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza, Corning, New York 14831 U.S.A. 2)DURAES, Franck Manuel 3)HENRY, David
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	:WO 2014/062537 :NA :NA	(72)Name of Inventor : 1)DURAES ,Franck Manuel 2)HENRY ,David
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein are light polarizing articles that include a substrate, a light polarizing layer disposed on a surface of the substrate, a thick polymer layer disposed on the light polarizing layer, and at least one anti-scratch layer disposed on the thick polymer layer. The thick polymer layer serves as a buffer layer that, when combined with a thin abrasion-resistant coating, permits substantially improved resistance to scratching and indentation. The improved indentation resistance is exhibited even when being indented with sharp objects. The light polarizing articles can be used, for example, as ophthalmic products and in display devices. Methods of making and using the light polarizing articles are also disclosed.

No. of Pages: 27 No. of Claims: 20

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: HERBAL FEED SUPPLEMENT COMPOSITION AND A PROCESS FOR PREPARING THE SAME

		(71)Name of Applicant:
(51) International classification	:A23K1/175	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION (DRDO)
(32) Priority Date	:NA	Address of Applicant : Ministry of Defence, Govt of India, Room No.
(33) Name of priority country	:NA	348, B Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110011, India;
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHARTI, Vijay Kumar
(61) Patent of Addition to Application Number	:NA	2)SRIVASTAVA, Ravi Bihari
Filing Date	:NA	3)KUMAR, Prabhat
(62) Divisional to Application Number	:NA	4)BALLEWAR, Vasant Ramchandra
Filing Date	:NA	5)KUMAR, Krishna
		6)DESHMUKH, Pramod Bhagwant Rao

(57) Abstract:

ABSTRACT HERBAL FEED SUPPLEMENT COMPOSITION AND A PROCESS FOR PREPARING THE SAME The present invention provides a herbal feed supplement composition comprising of a part of Hippophae rhamnoides fruit and seed, Rhodiola imbricate roots, leaves of Prunus armeniaca and Populus nigra to which parts of one or more additional complimentary feed ingredients, minerals salts, antioxidants, and antihelminths is added, wherein the additional complimentary feed ingredients is also a composition for enhancing milk nutrients, milk yield, and improving reproductive health in livestock animals at high altitude under severe cold, hypobaric-hypoxia stress condition. The invention also provides a method for preparing the herbal feed supplement composition.

No. of Pages: 32 No. of Claims: 19

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : ELECTRIC POWER ROUTER ,ELECTRIC POWER NETWORK SYSTEM , ELECTRIC POWER INTERCHANGE METHOD ,AND PROGRAM FOR CONTROLLING OPERATION OF ELECTRIC POWER ROUTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H02J1/00 :2012231590 :19/10/2012 :Japan :PCT/JP2013/006116 :15/10/2013 :WO 2014/061259 :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: NEC CORPORATION, 7-1, Shiba 5- chome ,Minato- ku, Tokyo 1088001 Japan 2)Rikiya ABE (72)Name of Inventor: 1)ABE Rikiya 2)Kiyohisa ICHINO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Provided is an electric power router for constructing an electric power network system in which electric power cells are asynchronously connected to each other. The electric power router is provided with a direct- current bus, an electric power conversion leg having a function for bidirectionally converting electric power, and a control unit for controlling the operation of the electric power conversion leg. The control unit controls operation of the electric power conversion leg in either a master operating mode or a designated electric power transmission/reception operating mode. The electric power conversion leg operated in the master mode compensates for a deficit in electric power using electric power from a connected peer when the voltage of the direct current bus is below a rated value and sends excess electric power to a connected peer when the voltage of the direct-current bus is above the rated value. The electric power conversion leg operated in the designated electric power transmission/reception mode transmits designated electric power to a connected peer or receives designated electric power from a connected peer in accordance with a designation from a management server. The control unit places at least one electric power conversion leg in the master mode during action of the electric power router.

No. of Pages: 54 No. of Claims: 10

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROCKER LATCH FOR CONTROLLING ENGINE VALVE ACTUATION

(51) International classification	:F01L1/18	(71)Name of Applicant :
(31) Priority Document No	:61/738794	1)JACOBS VEHICLE SYSTEMS ,INC.
(32) Priority Date	:18/12/2012	Address of Applicant :22 East Dudley Town Road, Bloomfield, CT
(33) Name of priority country	:U.S.A.	06002 U.S.A.
(86) International Application No	:PCT/US2013/076136	(72)Name of Inventor:
Filing Date	:18/12/2013	1)GRON, G., Michael Jr.;
(87) International Publication No	:WO 2014/100185	2)BALTRUCKI, Justin, Damien;
(61) Patent of Addition to Application Number	:NA	3)FUCHS, Neil;
Filing Date	:NA	4)LESTER, John, J.;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Engine valve actuation systems and methods used to decompress an engine cylinder during engine start- up, shut- down, and for bleeder braking are disclosed. An exemplary system may include a rocker arm pivotally mounted on a rocker shaft, and a structure mounted adjacent to the rocker arm in a fixed position relative to the rocker arm. A latch piston may be slidably disposed between the rocker arm and the structure. The latch piston may be selectively extended to engage both the rocker arm and structure to limit the pivotal motion of the rocker arm and maintain the engine valves in an open condition.

No. of Pages: 29 No. of Claims: 23

(21) Application No.3263/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: AMORPHOUS ACTIVATED CARBON MATERIALS AND METHODS FOR PRODUCING THE SAME

:C01B31/12,H01G9/04,H01G11/32 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/654779 1)CORNING INCORPORATED (32) Priority Date :18/10/2012 Address of Applicant: 1 Riverfront Plaza, Corning, New York 14831 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/064508 2)GADKAREE, Kishor Purushottam Filing Date :11/10/2013 3)LIU, Jia (87) International Publication No :WO 2014/062498 (72)Name of Inventor: (61) Patent of Addition to Application :NA 1)GADKAREE ,Kishor Purushottam Number 2)LIU, Jia :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method for producing an amorphous activated carbon material includes heating a carbon precursor to a temperature effective to form a partially -dense amorphous carbon, and activating the partially -dense amorphous carbon to produce an amorphous activated carbon. To facilitate efficient activation of the amorphous carbon , the carbonization is controlled to produce an amorphous carbon material that , prior to activation ,has a density of from 85% to 99% of a maximum density for the amorphous carbon.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADAPTER DEVICE AND ELECTRONIC EQUIPMENT

(51) International classification :H01R13/629,G03B17/56 (71)Name of Applicant : 1)SONY CORPORATION (31) Priority Document No :2012236927 (32) Priority Date :26/10/2012 Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 Japan (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :PCT/JP2013/075014 1)NAKAJIMA Takeshi Filing Date :17/09/2013 (87) International Publication No :WO 2014/065042 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A mounting base (20) of an adapter device (10) is provided with an engaging part (221) which engages a main body device on an attachment surface (21) in advance. A connector (55) is provided in a housing (50). Furthermore the adapter device (10) is provided with a movement direction conversion part which converts the direction of operation of an operating lever (41) to the insertion and removal direction for the connector and makes the housing (50) move back and forth according to an operating force in the direction of insertion and removal of the connector (55) with respect to the mounting base (20). The movement direction conversion part converts the movement of the operating direction of the operating lever (41) into movement in the direction of the plane of an attachment surface (21) on a hook part (321f) with a first link mechanism and the movement in the direction of the plane of the hook part (321f) into movement in the direction of connector insertion and removal for the housing (50) with respect to the mounting base (20) with a second link mechanism. The connector insertion and removal operations can be carried out stably by engaging a hook part (221f) of the engaging part (221f) to the main body device and operating lever (41).

No. of Pages: 102 No. of Claims: 14

(21) Application No.3271/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: CONFIGURATION OF RADIO MEASUREMENT PARAMETERS IN IN DEVICE COEXISTENT IDC CAPABLE USER EQUIPMENT AND ADAPTION OF RADIO OPERATIONAL PROCEDURES BY A NETWORK NODE

:H04W24/10,H04W72/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/708340 (32) Priority Date :01/10/2012

(33) Name of priority country :U.S.A. (86) International Application No

:PCT/IB2013/058650 Filing Date :19/09/2013 (87) International Publication No :WO 2014/053938

(61) Patent of Addition to Application Number: NA

Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor:

1)BEHRAVAN Ali

2)KAZMI Muhammad

(57) Abstract:

Embodiments herein relate to a method in a user equipment (10) for handling In Device Coexistent IDC configuration. The user equipment (10) is IDC capable and being served by a network node (12) in a communications network. The user equipment (10) receives from the network node (12) an IDC configuration for at least one IDC scheme. The user equipment (10) further adapts at least one parameter related to a radio measurement performed by the user equipment (10) based on the received IDC configuration. In addition to perceiving or configuring the user equipment (10) with the IDC configuration the network node (12) adapts one or more operational procedures based on the perceived or configured IDC scheme.

No. of Pages: 84 No. of Claims: 32

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRAFFIC GROOMING METHOD AND SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:201210346509.2	1)ZTE CORPORATION
(32) Priority Date	:18/09/2012	Address of Applicant :ZTE Plaza, Keji Road South, Hi- Tech
(33) Name of priority country	:China	Industrial Park ,Nanshan Shenzhen ,Guangdong 518057 China
(86) International Application No	:PCT/CN2013/080821	(72)Name of Inventor:
Filing Date	:05/08/2013	1)WANG, Dajiang
(87) International Publication No	:WO 2014/044085	2)LU, Gang
(61) Patent of Addition to Application Number	:NA	3)HUANG, Shanguo
Filing Date	:NA	4)ZHANG, Jie
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a method and system for realizing traffic grooming, which can be used for determining a link with a minimum of services as a link to be optimized and reestablishing the services to be optimized of the link to be optimized on a link with the least residual bandwidth. The traffic grooming technology of the present invention causes less influence on the existing network, thus reducing the number of influenced services during services optimization, reducing the network risk and influencing the network services transmission as less as possible. In addition, because the link which occupies smaller bandwidth can be released and the services are reestablished on the link which occupies larger bandwidth, the bandwidth utilization rate of the links is improved, and therefore energy is saved.

No. of Pages: 13 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.3273/DELNP/2015 A

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: CYCLE TRANSPORT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B62K3/00,B62K3/14,B62K7/04 :NA :NA :NA :PCT/GB2012/000731 :20/09/2012 :WO 2014/044994 :NA :NA	(71)Name of Applicant: 1)EJIZU ,Ezekiel George Address of Applicant: 14 Salisbury House, Lily Street, West Bromwich, B71 1QD U.K. (72)Name of Inventor: 1)EJIZU, Ezekiel George
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle (10, 200, 300) comprising a frame, a front wheel and at least one rear wheel; and directly or indirectly attached to said frame, a front seat that faces forwards such that in normal use a first rider can sit thereon and to steer the vehicle as it moves forward and a rear seat for a second rider that faces backwards; having a rear rider crank assembly (42, 44) and a front rider crank assembly (36) and where a wheel hub (52) and a connected rear sprocket (46), or sprocket bush (56) and a connected rear sprocket (46), are rotatably mounted around the crankshaft (42) of the rear rider crank assembly such that in use pedal power from a rear rider is first transmitted through the rear pedals (34) and rear crank assembly, via a cross- over drive chain (38), to the front rider crank assembly.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :21/08/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD FOR PREPARATION OF MYCO-TABLETS FOR BIOREMEDIATION AND MYCO-TABLETS THEREOF \bullet

(51) International classification	:C12N1/15	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :Hauz Khas New Delhi 110016 INDIA Delhi
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MALIK Anushree
(87) International Publication No	: NA	2)KAUSHIK Prachi
(61) Patent of Addition to Application Number	:NA	3)MISHRA Abhishek
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to Myco-Tablets and method of preparation of Myco-Tablets. The Myco-Tablets of the present invention has improved biological and physical efficacy. The Myco-Tablets of the present invention can be stored and transported under ambient conditions without the loss of viability.

No. of Pages: 25 No. of Claims: 14

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TURBINE ENGINE COMBUSTION ASSEMBLY WITH A VARIABLE AIR SUPPLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F23R3/04,F23R3/34 :1259288 :01/10/2012 :France :PCT/FR2013/052125 :17/09/2013 :WO 2014/053724 :NA :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant: F -64510 Bordes France (72)Name of Inventor: 1)CARRERE, Bernard
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(57) Abstract:

The invention relates to a turbine engine combustion assembly comprising a casing, a combustion chamber, and at least one fuel injector for starting a turbine engine, said combustion chamber being defined by two walls of revolution, namely an internal wall and an external wall extending one inside the other and being connected by an annular chamber base wall. The external wall of the chamber is secured to an annular external wall of the casing. The injector is attached to the annular external wall of the casing and comprises a fuel ignition enclosure extending inside the casing successively through an opening in the casing wall and an opening in the external wall of the combustion chamber before opening into said chamber. At least one wall of the ignition enclosure that extends between the casing wall and the combustion chamber wall is provided with at least one air intake port. The combustion assembly is characterised in that the external wall of the combustion chamber is solidly connected to a device for plugging the air intake port(s) according to the thermal expansion state of the combustion chamber.

No. of Pages: 30 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2015

(21) Application No.3281/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: RECOMBINANT ORGANISMS

(51) International classification	:C12N1/00	(71)Name of Applicant :
(31) Priority Document No	:1217524.6	1)ROTHAMSTED RESEARCH LIMITED
(32) Priority Date	:01/10/2012	Address of Applicant :West Common, Harpenden, Hertfordshire, AL5
(33) Name of priority country	:U.K.	2JQ U.K.
(86) International Application No	:PCT/GB2013/052553	(72)Name of Inventor:
Filing Date	:01/10/2013	1)NAPIER "Johnathan A.
(87) International Publication No	:WO 2014/053821	2)SAYANOVA, Olga
(61) Patent of Addition to Application Number	:NA	3)HAMILTON, Mary
Filing Date	:NA	4)VAEZI ,Royah
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		,

(57) Abstract:

The invention relates to genetically modified organisms with enhanced production of omega- 3 long chain polyunsaturated fatty acids.

No. of Pages: 94 No. of Claims: 44

(21) Application No.3282/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: POST -TREATMENT SOLUTION FOR DIGITAL INKJET PRINTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/US2012/062403 :29/10/2012 :WO 2014/070132 :NA :NA	(71)Name of Applicant: 1)HEWLETT- PACKARD DEVELOPMENT COMPANY, L.P. Address of Applicant:11445 Compaq Center Drive W., Houston, Texas 77070 U.S.A. (72)Name of Inventor: 1)ZHOU, Xiaoqi 2)PAL, Lokendra 3)FU, Xulong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A post- treatment solution for digital inkjet printing includes polymer particulates having a minimum film -forming temperature that is at least 50° C, a film- forming agent, and a liquid carrier. The film- forming agent is selected from the group consisting of citrate compounds, sebacate compounds, ethoxy alcohols, glycol oligomers, glycol polymers, glycol ether, glycerol acetals, and cyclic amides. A print medium, printing method, and printing system are also disclosed herein.

No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : SUBSTRATE FOR POWER MODULE WITH HEAT SINK POWER MODULE WITH HEAT SINK AND METHOD FOR PRODUCING SUBSTRATE FOR POWER MODULE WITH HEAT SINK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11/10/2013 :WO 2014/061588 :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3-2, Otemachi 1- chome, Chiyoda- ku, Tokyo 1008117 Japan (72)Name of Inventor: 1)TERASAKI, Nobuyuki 2)NAGATOMO, Yoshiyuki 3)KUROMITSU, Yoshirou
Filing Date	:NA	

(57) Abstract:

With respect to this substrate (1) for a power module with a heat sink, one of a metal layer (13) and a heat sink (31) is configured from aluminum or an aluminum alloy, and the other is configured from copper or a copper alloy. The metal layer (13) and the heat sink (31) are joined together by solid-phase diffusion bonding; an intermetallic compound layer that is formed of Cu and Al is formed at the bonding interface between the metal layer (13) and the heat sink (31); and oxides are dispersed in the form of a layer along the interface between the intermetallic compound layer and the metal layer (13) or the heat sink (31) ,which is formed of copper or a copper alloy.

No. of Pages: 51 No. of Claims: 3

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention : AN APPARATUS AND BATCH PROCESS FOR THE PRODUCTION AND IMPREGNATION OF CARBON ADSORBENT FABRIC

(51) International classification	:D06N1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S ENVIRON CARE PRODUCT
(32) Priority Date	:NA	Address of Applicant :E-1, SITE B, SURAJPUR INDUSTRIAL
(33) Name of priority country	:NA	AREA, GREATER NOIDA-201308 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SURANA, RAMESH
(87) International Publication No	:NA	2)SAHU, KAMLESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

The present invention relates to an improved apparatus and a batch process for the production and impregnation of carbon adsorbent fabric comprising of a) an pre-treatment tank having a means for vertically dipping the multilayer fold precursor fabric in impregnation solution and for hanging the treated fabric in the enclosed chamber on the top of said pre-treatment tank, heaters for direct heating, a means for maintaining impregnation solution at homogeneous temperature, an exhaust system; b) a dryer for single step drying; c) a reactor providing single uniform heating zone for carbonization and activation of precursor fabric having heating elements on all four side, an inlet arrangement for reacting and purging gases at the top cover that disallows direct fall of gaseous mixture on the top layer of said precursor fabric, an exhaust system having three valves connected with a separator for separation of tarry waste products and waste gases; a scrubber for treating waste gases. The apparatus provided in this present invention is economical as it energy and time saving and produces carbon adsorbent fabric in high yield with good properties.

No. of Pages: 21 No. of Claims: 16

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: FUZZY COTTON SEEDS COMPRISING AN AQUEOUS POLYURETHANE COATING

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:61/251,114	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:13/10/2009	Address of Applicant :KAISER-WILHELM-ALLEE, DE-51368
(33) Name of priority country	:U.S.A.	LEVERKUSEN, GERMANY Germany
(86) International Application No	:PCT/EP2010/006161	2)BAYER CROPSCIENCE LP
Filing Date	:06/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/045004	1)SEBASTIAN DORR
(61) Patent of Addition to Application Number	:NA	2)ERIC SEEWALD
Filing Date	:NA	3)THOMAS BREGGER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

Fuzzy cotton seeds with an aqueous polyurethane dispersion are provided which have a smooth and non-sticky surface. Said coated seeds have at the same time a sufficient hardness for use in machine-seeding and possess also excellent germination properties.

No. of Pages: 21 No. of Claims: 15

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMPOSITE MATERIALS HAVING GRAPHENE LAYERS AND PRODUCTION AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K 3/04 :10 2009 049 379.4 :15/10/2009 :Germany :PCT/EP2010/065190 :11/10/2010 :WO 2011/045269 :NA :NA :NA	(71)Name of Applicant: 1)BAYER TECHNOLOGY SERVICES GMBH Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)AUREL WOLF 2)GIULIO LOLLI 3)LESLAW MLECZKO 4)OLIVER FELIX-KARL SCHLUTER
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(57) Abstract:

The present invention relates to composites having graphene layers and also processes for producing these composites. The invention further relates to a process for producing graphene layers using the composites of the invention.

No. of Pages: 20 No. of Claims: 13

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention : AUTHENTICATION SYSTEMS FOR DISCRIMINATING VALUE DOCUMENTS BASED ON VARIABLE LUMINESCENCE AND MAGNETIC PROPERTIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:30/09/2010 :WO 2011/046749 :NA :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CARSTEN LAU 2)JAMES KANE 3)WILLIAM ROSS RAPOPORT
Filing Date	:NA	

(57) Abstract:

A value document authentication system comprising a value document substrate having a luminescent compound disposed on or in at least a portion of the value document substrate, wherein the luminescent compound (i) comprises a host lattice having at least one metallic ion with magnetic properties and is doped with at least one rare earth ion capable of emitting infrared radiation with at least one distinct infrared wavelength when excited with an exciting light source having sufficient energy to excite emission from the luminescent compound and (ii) has a pre-determined ratio of metallic ions to rare earth ions such that the ratio corresponds to a parameter of a pre-selected decision criteria, both of which properties are measured at the same location on the value document and used to authenticate the value document.

No. of Pages: 18 No. of Claims: 12

(22) Date of filing of Application :18/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: CASTING MOULD WITH CHAMFERED END FACES ON INNER WALLS

(51) International classification:B22C9/00,B22D(31) Priority Document No:12193768(32) Priority Date:22/11/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/072382 Filing Date :25/10/2013

(87) International Publication No :WO 2014/079651

(61) Patent of Addition to Application

Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA

(62) Divisional to Application Number :NA Filing Date :NA

:B22C9/00,B22D17/22,B22C9/04 (71)Name of Applicant :

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2, 80333 M1/4nchen

Germany

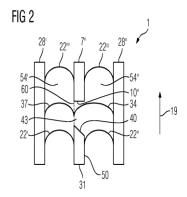
(72)Name of Inventor:

1)AHMAD, Fathi;

2)PAUL, Uwe;

(57) Abstract:

The propagation front of liquid material in the casting mould is influenced by a specific modification of the end faces of inner wall elements and influences or the formation of oxide layers are displaced to less critical regions of the casting portal to be produced.



No. of Pages: 10 No. of Claims: 8

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF TREATING LYMPHOMA USING THIENOTRIAZOLODIAZEP INE COMPOUNDS

(51) International classification (31) Priority Document No	:A61K31/5517,A61P35/00 :61/663885	(71)Name of Applicant : 1)ONCOETHIX SA
(32) Priority Date	:25/06/2012	Address of Applicant : Avenue de l'Elysee 32 CH 1006 Lausanne
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/EP2013/063313	(72)Name of Inventor:
Filing Date	:25/06/2013	1)BERTONI Francesco
(87) International Publication No	:WO 2014/001356	2)BONETTI Paola
(61) Patent of Addition to Application Number:NA		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of treating B-cell malignant cancers or T-cell malignant cancers by administering to a patient a pharmaceutically acceptable amount of a composition comprising (S)-2-[4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-fJ [1,2,4]triazolo-[4,3-a][1,4]diazepin-6-yl]-N-(4-hydroxyphenyl)acetamide. The B-cell malignant cancers include diffuse large B-cell lymphoma and splenic marginal zone lymphoma. The T-cell malignant cancers include anaplastic large T-cell lymphoma.

No. of Pages: 29 No. of Claims: 11

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

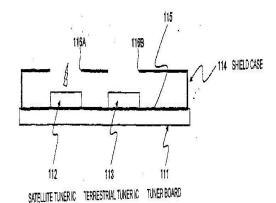
(54) Title of the invention: HIGH FREQUENCY MODULE AND RECEIVER

(51) International classification	:H04B 1/08	(71)Name of Applicant:
(31) Priority Document No	:2009-242756	1)SONY CORPORATION
(32) Priority Date	:21/10/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, 108-
(33) Name of priority country	:Japan	0075, JAPAN Japan
(86) International Application No	:PCT/JP2010/067353	(72)Name of Inventor:
Filing Date	:04/10/2010	1)TADASHI IMAI
(87) International Publication No	:WO 2011/048934	2)TAKAYUKI KAIDA
(61) Patent of Addition to Application Number	:NA	3)HITOSHI MASUMURA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There are provided a high frequency module and a receiver capable of exhausting an electric field and a magnetic field to the outside of a shield, more closely arranging electronic components inside the shield, and being downsized. The high frequency module has integrated circuits (IC) 112, 113 each incorporating an oscillator including an inductor, and a shield case 114 as a shield for covering the ICs 112, 113, and the shield case 114 as a shield is formed with openings 116A, 116B having a size equal to or more than half the shape size of the ICs 112, 113 in areas opposed to the arrangement positions of the ICs 112, 113.

FIG.10



No. of Pages: 40 No. of Claims: 12

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: WORK MACHINE AND WORK MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2012254756 :20/11/2012 :Japan :PCT/JP2013/080471 :11/11/2013 :WO 2014/080793 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2- 3- 6, Akasaka ,Minato -ku ,Tokyo 107-8414 Japan (72)Name of Inventor: 1)NAGATO Atsushi 2)SAGAWA Kiyokazu 3)SASAKI Ryo
. ,		
Filing Date	:NA	

(57) Abstract:

A work machine having as the purpose therefor the capability to readily and with high precision measure the number of times that a sequence of digging and loading mechanism operations, such as loading work, occurs, and manage work on the basis of the measurement results. The work machine: calculates a time integrated value that time- integrates a physical amount output in accordance with the operation of an operation lever; associates the time integrated value and a prescribed operation angle of the digging and loading mechanism that is consequent upon the operation of the operation lever; determines, if the time-integrated value is at least a prescribed integrated value, that the operation lever has been operated; and, if each determined operation of the digging and loading mechanism has occurred in a prescribed order, cumulatively adds, counting the number of loadings as one time. The work machine comprises: a predetermined value setting unit (62) that sets the bucket capacity; a job amount calculation unit (63) that calculates a job amount, said job amount being the number of loadings multiplied by the bucket capacity; and an I/O unit (66) that displays and outputs at least a job rate.

No. of Pages: 78 No. of Claims: 12

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADDITIVE COMPOSITION AND PROCESS FOR USING THE SAME

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:C08K5/00,C08J3/22,0
:61/740588
:21/12/2012
:U.S.A.
:PCT/US2013/068063
:01/11/2013

(87) International Publication No :WO 2014/099144

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA
:NA

:C08K5/00,C08J3/22,C08K5/098 (71)Name of Applicant :

1)MILLIKEN & COMPANY

Address of Applicant :920 Milliken Road, M- 495, Spartanburg

South Carolina 29303 U.S.A. (72)Name of Inventor:

1)LAKE, David, K., Jr.; 2)PRICE, John,D.;

(57) Abstract:

An additive composition comprises a wax and a nucleating agent. The nucleating agent can be dispersed in the wax. A process for producing a nucleated polymer comprises the steps of (a) providing a reactor; (b) providing an additive composition comprising a wax and a nucleating agent; (c) providing an extruder; (d) reacting in the reactor a reactant mixture comprising an olefin monomer and hydrogen to produce a polyolefin polymer; (e) collecting and recovering the polyolefin polymer produced by the reaction; (f) conveying the polyolefin polymer to the extruder; (g) conveying the additive composition to the extruder; and (g) extruding the polyolefin polymer and the additive composition to produce a nucleated polymer composition.

No. of Pages: 25 No. of Claims: 25

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM FOR ATTACHING A PIECE OF OSTEOSYNTHESIS EQUIPMENT

(51) International classification	:A61B17/88,A61B19/00	(71)Name of Applicant:
(31) Priority Document No	:1259982	1)TEKNIMED
(32) Priority Date	:19/10/2012	Address of Applicant :8 rue du Corps Franc Pommies, F- 65500 Vic -
(33) Name of priority country	:France	en Bigorre France
(86) International Application No	:PCT/FR2013/052478	(72)Name of Inventor:
Filing Date	:17/10/2013	1)LEONARD ,Alain
(87) International Publication No	:WO 2014/060702	2)LEONARD ,Carole
(61) Patent of Addition to Application Number	:NA	3)SENDER ,Cyril
Filing Date	:NA	4)LIGNON, Olivier
(62) Divisional to Application Number	:NA	5)HALBIN ,Gautier
Filing Date	:NA	6)SAHRAOUI ,Nouredine

(57) Abstract:

The invention concerns a system for attaching a piece of osteosynthesis equipment against a bone tissue (16), the system comprising at least i) a screw (12) comprising a threaded barrel (13) and a back end (14a), and ii) a screwdriver (1) comprising a handle (3) extended by a rod (5) of which the front end includes an end -piece (7) capable of engaging with the back end (14a) of the screw. The screw is made from a material comprising a polymer. The screwdriver is provided with a guide member (4) for guiding the screw linked to the rod (5), a portion of the guide member (4) protruding in front of the end -piece (7) of the screwdriver and extending along or around a portion of the screw so as to guide said screw in axial translation, said guide member having a front end (4a) forming an abutment of the screwdriver against the surface of said piece of osteosynthesis equipment on completion of a predefined depth of screwing of the screw into the bone tissue. The guide member can be set at a chosen length of extension, corresponding to a depth of insertion of the screw, previously defined, for example, using a depth gauge. After insertion, the screw can be severed, and optionally fused with the piece of equipment it is attaching, in order to reinforce the locking of same.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMPOSITIONS FOR IMMUNOTHERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)HAL ALLERGY HOLDING B.V. Address of Applicant: J. H. Oortweg 15, NL- 2333 CH Leiden Netherlands (72)Name of Inventor: 1)VAN DER KLEIJ ,Joanna, Paulina, Maria 2)OPSTELTEN, Dirk ,Jan ,Elbertus
` '		2)OPSTELTEN, Dirk ,Jan ,Elbertus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to compositions which can be used in immunotherapy and especially to compositions which can be used in immunotherapy for mammals suffering from a peanut allergy. The present invention further relates to the use of the present compositions for the treatment of a mammal suffering from an allergy by immunotherapy and the use of the present compositions in a prophylactic treatment for desentizing the immune system of a mammal for an allergen. Specifically, the present invention relates compositions suitable for immunotherapy comprising an allergen, wherein substantially 100% of said allergen in said composition is complexed with aluminum. The allergen, e.g. peanut kernel protein extract, is preferably reduced and alkylated in these compositions.

No. of Pages: 28 No. of Claims: 20

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: POLYANILINE MEMBRANES USES AND METHODS THERETO

(51) International classification	:C08G12/00,C08K5/00	(71)Name of Applicant:
(31) Priority Document No	:61/713439	1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(32) Priority Date	:12/10/2012	Address of Applicant :1111 Franklin Street, 12th Floor, Oakland ,CA
(33) Name of priority country	:U.S.A.	94607- 5200 U.S.A.
(86) International Application No	:PCT/US2013/064641	(72)Name of Inventor:
Filing Date	:11/10/2013	1)HOEK, Eric, M.V.
(87) International Publication No	:WO 2014/059339	2)KANER ,Richard ,B.
(61) Patent of Addition to Application Number	:NA	3)GUILLEN ,Gregory ,R.
Filing Date	:NA	4)FARRELL ,Thomas ,P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein are methods of increasing the hydrophilicity of a membrane. Membranes comprising polyaniline or co- polymer thereof and one or more gel inhibiting agents are treated with one or more hydrophilicity restoration agents, thereby increasing the hydrophilicity of a membrane. Also disclosed are membranes produced by the disclosed methods. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages: 58 No. of Claims: 20

(21) Application No.3308/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTIMODAL ANION EXCHANGE MATRICES

(51) International classification	:B01J20/26,B01D15/08,B01J20/285	(71)Name of Applicant:
(31) Priority Document No	:12512869	1)GE HEALTHCARE BIO- SCIENCES AB
(32) Priority Date	:13/11/2012	Address of Applicant :Patent Department ,Bjrkgatan 30, S -751 84
(33) Name of priority country	:Sweden	Uppsala Sweden
(86) International Application No	:PCT/SE2013/051325	(72)Name of Inventor:
Filing Date	:11/11/2013	1)MALOISEL ,Jean -Luc
(87) International Publication No	:WO 2014/077762	2)RODRIGO, Gustav
(61) Patent of Addition to	:NA	3)NOR‰N ,Bjorn
Application Number	:NA	4)KUMBHAR ,Virendra
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract:

The invention discloses a separation matrix which comprises a plurality of separation ligands, defined by the formula Ri- Li- N (R3) - L2- R, immobilized on a support, wherein Ri is a five- or -six membered , substituted or non- substituted ring structure or a hydroxyethyl or hydroxypropyl group; Li is either a methylene group or a covalent bond; R2 is a five-or- six membered ,substituted or non- substituted ring structure; L 2is either a methylene group or a covalent bond; R3 is a methyl group; and wherein if Ri is a hydroxyethyl group and Li is a covalent bond , R2 is a substituted aromatic ring structure or a substituted or non- substituted aliphatic ring structure.

No. of Pages: 48 No. of Claims: 30

Address of Applicant :Rankengasse 28a, A- 8020 Graz Austria

1)ANNIKKI GMBH

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR OBTAINING SUGAR DERIVATIVES

:NA

:C12P19/14,C12P7/14,C12P7/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :A 50511/2012 (32) Priority Date :14/11/2012 (33) Name of priority country :Austria (86) International Application No :PCT/EP2013/073411 Filing Date :08/11/2013 (87) International Publication No

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(72)Name of Inventor: 1)WIRTZ, Drthe Hendrike 2)MAYER, Bernd :WO 2014/076012

(57) Abstract:

Filing Date

The invention relates to a method for converting a sugar into the form of a compound that has at least one ionic binding site the sugar coming from a material containing hemicellulose, the method being characterized in that the material containing hemicellulose is enzymatically or nonenzymatically hydrolyzed and the obtained hydrolysate is subjected to a reaction containing at least one enzymatic step, wherein sugars are released and released sugars are converted into compounds that have at least one ionic binding site, and the use of such a method.

No. of Pages: 23 No. of Claims: 13

(22) Date of filing of Application :20/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : LOW -ALLOY STEEL FOR OIL WELL PIPES WHICH HAS EXCELLENT SULFIDE STRESS CRACKING RESISTANCE, AND METHOD FOR MANUFACTURING LOW -ALLOY STEEL FOR OIL WELL PIPES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C22C38/12,C22C38/32,C21D8/10 :NA :NA :NA :PCT/JP2012/078657 :05/11/2012 :WO 2014/068794 :NA	1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6- 1, Marunouchi 2 -chome Chiyoda- ku ,Tokyo 100-8071 Japan (72)Name of Inventor: 1)OMURA, Tomohiko 2)ARAI, Yuji 3)KAWANO, Kaori
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	, , , , , , ,	, , ,

(57) Abstract:

Provided is a low- alloy steel for oil well pipes , which has an yield stress of 862 MPa (125 ksi) or more and excellent sulfide stress cracking resistance (SSC resistance). The low- alloy steel for oil well pipes according to the present invention has a chemical composition comprising, in mass% , 0.56 to 1.00% of C , 0.05 to 0.50% of Si , 0.05 to 1.00% of Mn, 0.025% or less of P , 0.010% or less of S , 0.005 to 0.100% of Al, 0.40 to 1.00% of Mo, 0.07 to 0.30% of V , 0.010% or less of O , 0.0300% or less of N and a remainder made up by Fe and impurities , has an yield stress of 862 MPa or more , and a half width of a crystal face [211] of 0.50° or less as determined by X- ray diffraction.

No. of Pages: 72 No. of Claims: 15

(22) Date of filing of Application :20/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: OPERATION MECHANISM AND POWER SWITCH DEVICE PROVIDED WITH SAME

:H01H33/38,H01H33/42,H01H33/666 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2012232675 (32) Priority Date :22/10/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/006174 Filing Date :17/10/2013

(87) International Publication No :WO 2014/064909 (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application

:NA Number :NA Filing Date

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant :1-1, Shibaura 1- chome ,Minato- ku ,Tokyo

1058001 Japan

(72)Name of Inventor:

1)MARUYAMA Yutaka 2)SUZUKI Katsumi 3)OHDA Yoshiaki

4)MARUSHIMA Satoshi

(57) Abstract:

To provide: an electromagnetic operation mechanism that does not require a mechanical guide and that brings out the best of the maintenance properties of an electromagnetic device; and a power switch provided with same. [Solution] An operation mechanism provided with a row of an outer permanent magnet (31), a row of an inner permanent magnet (32), and a floating output ring (34) that is arranged between said rows and that has a three-phase coil (33) wrapped therearound. The floating output ring (34) does not possess a mechanical restraint relationship with other members within a linear electric motor (3). Instead, a controller for controlling a PWM inverter that injects alternating excitation current into the three-phase coil (33) controls the d-axis current component of the excitation current so that magnetism causes supporting force with respect to the floating output ring (34) to be generated and the central axes of the floating output ring (34) and a double cylinder (35) are aligned.

No. of Pages: 57 No. of Claims: 7

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: VEHICLE DETECTION APPARATUS

(51) International classification :G08G1/04,G06T1/00,H04N7/18 (71)Name of Applicant : (31) Priority Document No :2012220429 1)KABUSHIKI KAISHA TOSHIBA (32) Priority Date :02/10/2012 Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo (33) Name of priority country 1058001 Japan :Japan (86) International Application No :PCT/JP2013/070191 (72)Name of Inventor: Filing Date :25/07/2013 1)AOKI Yasuhiro (87) International Publication No :WO 2014/054328 2)SATO Toshio (61) Patent of Addition to Application 3)TAKAHASHI Yusuke :NA Number 4)KARASAWA Shigeru :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A vehicle detection apparatus (100): performs edge enhancement of a captured image in the vertical direction of a vehicle; measures disparity data between captured images for which edge enhancement was performed; finds the dispersion of pixels in the captured image and selectively rejects the disparity data based on the results; measures distance data based on the disparity data; creates a distance image having distance for each pixel; splits the distance image in the vehicle movement direction into a plurality of regions to form a plurality of reference intervals finds the difference between the background distance data and the distance data using each of the plurality of reference intervals finds the change amount of the difference for each reference segment for each time and compares the change amount of the difference for each reference interval with a threshold value thereby determining a status corresponding to the presence or absence of an object for each time; and retains the status determination for each time determines the transition of the vehicle and detects the entry and exit of the vehicle.

No. of Pages: 50 No. of Claims: 9

(21) Application No.263/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :29/01/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: MODULAR ROTOR CRAFT ROTOR HUB SYSTEM

(51) International classification	:f16c	(71)Name of Applicant:
(31) Priority Document No	:14/245,113	1)THE BOEING COMPANY
(32) Priority Date	:04/04/2014	Address of Applicant: 100 North Riverside Plaza, Chicago, IL 60606-
(33) Name of priority country	:U.S.A.	2016, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROBERT T. LOFTUS JR.
(87) International Publication No	: NA	2)JEREMY CLAY HILL
(61) Patent of Addition to Application Number	:NA	3)SAUL OPIE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotor arm assembly for use in a rotor craft rotor hub system includes a pitch shaft and a plurality of discrete bearings coupled to the pitch shaft. The plurality of bearings are elastomeric bearings configured to facilitate movement of the rotor arm assembly about a plurality of degrees of freedom. A respective one of the plurality of bearings is configured to accommodate a single degree of freedom.

No. of Pages: 27 No. of Claims: 13

(22) Date of filing of Application :20/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR GENERATING SUBSCRIBER CHURN PREDICTIONS

(57) Abstract:

A system and method for generating a subscriber churn prediction includes receiving call detail records from a network operator detailing communication between subscribers of the network operator and determining tie strengths between subscribers based on the call detail records. The system and method further includes generating a net churn influence accumulated at each subscriber from the tie strengths by propagating churner influence between subscribers due to churn events.

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :20/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : NUTRITIONAL COMPOSITIONS INCLUDING CALCIUM BETA -HYDROXY- BETA- METHYLBUTYRATE ,PROTEIN AND LOW LEVELS OF ELECTROLYTES

(51) International classification (31) Priority Document No :61/703965

(32) Priority Date :21/09/2012 (33) Name of priority country :U.S.A.

(86) International Application No

Elling Data

20/00/2012

Filing Date :20/09/2013 (87) International Publication No :WO 2014/047497

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number:NA
Filing Date
:NA
Filing Date
:NA

(71)Name of Applicant:

1)ABBOTT LABORATORIES

Address of Applicant :Dept. 377/AP6A- 1, 100 Abbott Park Road,

Abbott Park ,IL 60064 U.S.A. (72)Name of Inventor:

1)WALTON, Joseph 2)STEPP, Emily

3) DEVITT - MAICHER, Amy

4)WOLF ,David 5)MUSTAD ,Vikkie 6)BAXTER, Jeffrey 7)MAZER ,Terrence 8)MARCHIO ,Amy

(57) Abstract:

Disclosed are nutritional compositions, and methods of using and making the nutritional compositions, that include calcium beta-hydroxy-beta-methylbutyrate and protein. The calcium beta-hydroxy- beta-methylbutyrate is in sequestered or ion-exchanged form to reduce the interaction of the calcium with the protein in the nutritional composition and improve the overall stability of the nutritional composition.

No. of Pages: 60 No. of Claims: 40

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROBOTIC LASER SEAM STEPPER

(51) International classification	:B23K26/08,B23K26/24,B23K26/00	` '
(31) Priority Document No	:61/716448	1)IPG PHOTONICS CORPORATION
(32) Priority Date	:19/10/2012	Address of Applicant :50 Old Webster Road, Oxford ,MA 01540
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/065930	(72)Name of Inventor:
Filing Date	:21/10/2013	1)FOMIN, Valentin
(87) International Publication No	:WO 2014/063153	2)STAROVOYTOV, Anton
(61) Patent of Addition to	.NT A	3)ABRAMOV ,Andrey
Application Number	:NA	4)GAPONTSEV, Valentin
Filing Date	:NA	5)FUCHS, Artjom
(62) Divisional to Application	.NI A	6)SCHRAMM ,Ingo
Number	:NA	7)SCHERBAKOV, Eugene
Filing Date	:NA	8)MAMEROW, Holger

(57) Abstract:

A robotically operated laser seam stepper is configured with an elongated support column extending along a longitudinal axis and made from lightweight material. A support plate is displaceably mounted to the column while supporting thereon an optical head which is provided with optics. The optics is configured to direct a laser beam along a path towards a welding zone through a protective window of the optical head. The laser seam stepper further is structured with a first arm mounted to the support plate and extending along a longitudinal axis of the stepper diametrically opposite to the optical head. The inner surface of the displaceable arm defines a tunnel which is aligned with the optical head and axially traversed by the laser beam, a first axially flowing stream of pressurized gaseous medium, and by a second axially flowing stream of gaseous medium. The second stream entering the tunnel at a pressure lower than that one of the first stream in response to a pressure gradient generated in the column, does not generate vortexes within the column. The first and second streams exit through the downstream end of the tunnel next to the welding zone. As the streams flow out they carry out welding debris from the tunnel.

No. of Pages: 32 No. of Claims: 20

(21) Application No.3324/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: REVERSE DRIVE ASSEMBLY FOR RECLINER POWER MECHANISM

(51) International classification	:A47C17/13,A47C1/034,A47C16/02	(71)Name of Applicant :
(31) Priority Document No	:61/708993	1)ASHLEY FURNITURE INDUSTRIES INC.
(32) Priority Date	:02/10/2012	Address of Applicant :One Ashley Way, Arcadia, WI 54612 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2013/063145	1)BREEN, John R.
Filing Date	:02/10/2013	2)FYNBOH ,Peter J.
(87) International Publication No	:WO 2014/055704	3)COOPER ,Jeffrey
(61) Patent of Addition to	:NA	4)ANIBAS "Joseph L.
Application Number	:NA	5)ROBINSON ,Nicholas J.
Filing Date	.NA	6)GORKA, Richard E.
(62) Divisional to Application	:NA	7)WALZ ,Lucas R.
Number	:NA	
Filing Date	INA	

(57) Abstract:

A reverse drive assembly for recliner in which a motor is mounted at the end of the horizontal track, proximate to the rear of the recliner. A traveler assembly having a reverse transfer linkage having a greater bend is positioned along the track forward of the motor, wherein the traveler assembly actuates extension of an ottoman assembly and the reclining of a seat back.

No. of Pages: 25 No. of Claims: 29

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: HAND MANEUVERABLE LASER WELDING GUN

		(71)Name of Applicant:
		1)IPG PHOTONICS CORPORATION
(51) International classification	:B23K26/24	Address of Applicant :50 Old Webster Road, Oxford ,MA 01540
(31) Priority Document No	:61/716455	U.S.A.
(32) Priority Date	:19/10/2012	2)VOLKSWAGEN AKTIENGESELLSCHAFT
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2013/065924	1)FOMIN ,Valentin
Filing Date	:21/10/2013	2)STAROVOYTOV ,Anton
(87) International Publication No	:WO 2014/063151	3)ABRAMOV ,Andrey
(61) Patent of Addition to Application Number	:NA	4)GAPONTSEV, Valentin
Filing Date	:NA	5)FUCHS ,Artjom
(62) Divisional to Application Number	:NA	6)SCHRAMM ,Ingo
Filing Date	:NA	7)SCHERBAKOV ,Eugene
-		8)MAMEROW, Holger
		9)MICHALZIK ,Andreas

(57) Abstract:

A hand displaceable laser welding gun is configured with an elongated support column extending along a longitudinal axis and made from lightweight material. A support plate is displaceably mounted to the column while supporting thereon an optical head which is provided with beamguiding optics. The optics is configured to direct a laser beam along a path towards a welding zone through a protective window of the optical head. The laser welding gun further is structured with a first arm mounted to the support plate and extending along a longitudinal axis of the gun diametrically opposite to the optical head. The inner surface of the displaceable arm has an inner surface defining a tunnel which is aligned with the optical head and axially traversed by the laser beam, a first axially flowing stream of pressurized gaseous medium, and a second axially flowing stream of gaseous medium. The second stream, entering the tunnel at a pressure lower than that one of the first stream in response to a pressure gradient generated in the column, does not generate vortexes within the column. The first and second streams exit through the downstream end of the tunnel next to the welding zone. As the streams flow out, they carry out welding debris flowing within the tunnel before the debris reach the protective window of the optical head.

No. of Pages: 37 No. of Claims: 29

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PR13.5 PROMOTER FOR ROBUST T- CELL AND ANTIBODY RESPONSES

(51) International classification	:C12N15/863,A61K39/00	(71)Name of Applicant:
(31) Priority Document No	:61/719429	1)BAVARIAN NORDIC A/S
(32) Priority Date	:28/10/2012	Address of Applicant :Hejreskovvej 10A, DK -3490 Kvistgaard
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2013/003239	(72)Name of Inventor:
Filing Date	:28/10/2013	1)STEIGERWALD ,Robin
(87) International Publication No	:WO 2014/063832	2)BRINKMANN, Kay
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention encompasses recombinant poxviruses, preferably modified Vaccinia Ankara (MVA) viruses comprising a Pr13.5 promoter operably linked to a nucleotide sequence encoding an antigen and uses thereof. The invention is drawn to compositions and methods for the induction of strong CD8 T cell and antibody responses to a specific antigen(s) by administering one or more immunizations of the recombinant MVA to a mammal preferably a human.

No. of Pages: 58 No. of Claims: 25

(22) Date of filing of Application :20/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: 1, 2, 4-TRIAZINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS.

		(71)Name of Applicant:
(51) International classification	:C07D401/12,C07D253/07,A61K31/53	1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(31) Priority Document No	:12306196.2	(CNRS)
(32) Priority Date	:01/10/2012	Address of Applicant :3 rue Michel Ange, F- 75016 Paris France
(33) Name of priority country	:EPO	2)UNIVERSITE DE ROUEN
(86) International Application No	:PCT/EP2013/070488	3)INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE
Filing Date	:01/10/2013	ROUEN (INSA)
(87) International Publication No	:WO 2014/053516	(72)Name of Inventor:
(61) Patent of Addition to	:NA	1)GEMBUS, Vincent
Application Number	:NA	2)JUBAULT, Philippe
Filing Date	.INA	3)HOARAU ,Christophe
(62) Divisional to Application	:NA	4)LEVACHER, Vincent
Number	:NA	5)BONFANTI ,Jean- Fran§ois
Filing Date	.IVA	6)MC GOWAN, David, Graig
		7)GUILLEMONT, Jr'me ,Emile ,Georges

(57) Abstract:

This invention relates to 1, 2, 4- triazine derivatives, processes for their preparation, pharmaceutical compositions, and their use in treating viral infections.

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF PRODUCING A TUBE FOR USE IN THE FORMATION OF A STENT - AND SUCH TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1217018.9 :24/09/2012 :U.K.	(71)Name of Applicant: 1)ARTERIUS LIMITED Address of Applicant:64 Broomfield, Leeds, West Yorkshire, LS16 7AD U.K. (72)Name of Inventor: 1)AL- LAMEE, Kadem 2)KELLY, Adrian 3)COATES, Philip D 4)THOMPSON, Glen P
(61) Patent of Addition to Application Number	:NA	3)COATES ,Philip D
(62) Divisional to Application Number Filing Date	:NA :NA	5)CATON -ROSE ,Phil

(57) Abstract:

Bioresorbable polymeric tubes suitable for use in a stent have been produced by a using a die drawing technique, comprising: deforming an orientable, thermoplastic polymer tubing (4) in the solid phase by drawing it over a mandrel (1) and/or through a die (3), where the mandrel (1) has a lead end and an exit end and the die (3) has an entry side and an exit side, wherein a drawing mechanism applies a drawing tension to the tubing (4) from the exit end of the mandrel (1) and/or the exit side of the die (3), said tension being insufficient to cause tensile failure of the tubing but sufficient to deform the tubing, thereby drawing the tubing over the mandrel (1) and/or through the die (3) in the solid phase to induce uniaxial or biaxial orientation of the polymer; and - collecting the deformed tubing from the exit end of the mandrel (1) and/or the exit side of the die (3).

No. of Pages: 83 No. of Claims: 58

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SIGNAL DEMODULATION METHOD AND DEVICE

(51) International classification	:H04L25/02	(71)Name of Applicant :
(31) Priority Document No	:201310195569.3	1)XIAOMI INC.
(32) Priority Date	:23/05/2013	Address of Applicant :Floor 13 Rainbow City Shopping Mall of
(33) Name of priority country	:China	China Resources No. 68 Qinghe Middle Street Haidian District Beijing
(86) International Application No	:PCT/CN2014/076514	100085 China
Filing Date	:29/04/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/187231	1)WANG Xiangdong
(61) Patent of Addition to Application Number	:NA	2)WU Zhenghai
Filing Date	:NA	3)GUO Feng
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are a signal demodulation method and device so as to reduce the influence of Doppler frequency shift on the communication rate. When a received radio frequency signal transmitted by a base station is demodulated after a reference clock signal provided by a PMU is acquired it is also required to determine a moving speed of a mobile terminal and determine a Doppler frequency offset value generated when the mobile terminal receives the radio frequency signal transmitted by the base station according to the moving speed and then the received radio frequency signal transmitted by the base station is demodulated according to the reference clock signal and the Doppler frequency offset value. Since the influence of Doppler frequency offset is taken into account when a radio frequency signal transmitted by a base station is demodulated the demodulation accuracy is very high thereby avoiding the problem of too slow a communication rate when Doppler frequency shift exists.

No. of Pages: 21 No. of Claims: 13

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CATALYTIC REDUCTION OF NOX WITH HIGH ACTIVITY CATALYSTS WITH NH3 REDUCTANT

(51) International classification	:B01D53/86,B01D53/94	(71)Name of Applicant :
(31) Priority Document No	:61/681268	1)EXXONMOBIL RESEARCH AND ENGINEERING
(32) Priority Date	:09/08/2012	COMPANY
(33) Name of priority country	:U.S.A.	Address of Applicant :1545 Route 22 East P.O. Box 900 Annandale
(86) International Application No	:PCT/US2013/051642	NJ 08801 0900 U.S.A.
Filing Date	:23/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/025529	1)DANDEKAR Ajit B.
(61) Patent of Addition to Application Number	:NA	2)ECKES Richard L.
Filing Date	:NA	3)SOCHA Richard F.
(62) Divisional to Application Number	:NA	4)WALDRUP S. Beau
Filing Date	:NA	5)MCMULLAN Jason M.

(57) Abstract:

Methods and systems for selective catalytic reduction of NOx with an ammonia reductant and a zeolite catalyst loaded with at least two metals selected from the group of tungsten cobalt and vanadium. An exhaust stream including NOx and a reductant stream including ammonia are provided to a catalytic reactor having the metal loaded zeolite catalyst at suitable operating temperatures for NOx reduction of at least 90%.

No. of Pages: 22 No. of Claims: 28

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CATALYTIC REDUCTION OF NOX WITH HIGH ACTIVITY CATALYSTS WITH PROPYLENE REDUCTANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/681260 :09/08/2012 :U.S.A. :PCT/US2013/051638 :23/07/2013 :WO 2014/025528	(71)Name of Applicant: 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant:1545 Route 22 East P.O. Box 900 Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor: 1)DANDEKAR Ajit B. 2)SOCHA Richard F. 3)ECKES Richard L. 4)WALDRUP S. Beau
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SOCHA Richard F. 3)ECKES Richard L.

(57) Abstract:

Methods and systems are provided for selective catalytic reduction of NOx with a low molecular low molecular weight hydrocarbon e.g. propylene as a reductant using a catalyst system including two catalysts. An exhaust stream containing an amount of NOx from a combustion operation is provided. A portion of the exhaust stream and a reductant stream including a low molecular weight hydrocarbon is introduced to a first catalytic reactor which comprises a first catalyst including alumina loaded with silver. The NOx reduced exhaust stream from the first catalyst is then directed to a second catalyst including zirconia loaded with at least one metal.

No. of Pages: 19 No. of Claims: 27

(21) Application No.11249/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

$(54) \ Title \ of \ the \ invention: CATALYTIC \ REDUCTION \ OF \ NOX \ WITH \ HIGH \ ACTIVITY \ CATALYSTS \ WITH \ ACETALDEHYDE \ REDUCTANT$

(51) International classification(31) Priority Document No(32) Priority Date	:B01D53/94,B01J29/00 :61/681281 :09/08/2012	(71)Name of Applicant: 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(33) Name of priority country	:U.S.A.	Address of Applicant :1545 Route 22 East P.O. Box 900 Annandale
(86) International Application No	:PCT/US2013/051652	NJ 08801 0900 U.S.A.
Filing Date	:23/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/025531	1)DANDEKAR Ajit B.
(61) Patent of Addition to Application Number	:NA	2)ECKES Richard L
Filing Date	:NA	3)SOCHA Richard F.
(62) Divisional to Application Number	:NA	4)WALDRUP S. Beau
Filing Date	:NA	5)McMULLAN Jason M.

(57) Abstract:

Methods and systems are provided for selective catalytic reduction of NOx with a low molecular low molecular weight aldehyde e.g. acetaldehyde as a reductant using a catalyst system including two catalysts. An exhaust stream containing an amount of NO from a combustion operation is provided. A portion of the exhaust stream is introduced to a first catalyst to convert the NO to NO. The exhaust stream from the first catalyst with NO2 and a reductant stream containing a low molecular weight aldehyde e.g. acetaldehyde are introduced to the second catalyst to convert the NO2 to N2. The first catalyst can be bulk CO3O4, Ru or Pt loaded on alumina; the second catalyst can be various zeolites or zeolites loaded with potassium.

No. of Pages: 23 No. of Claims: 28

(21) Application No.2265/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR ATTACHING EMBELLISHMENTS TO SHOE OR SIMILAR ACCESSORIES

(51) International classification :A47J	(71)Name of Applicant :
(31) Priority Document No :NA	1)Kunal Kumar
(32) Priority Date :NA	Address of Applicant :C-085 Oakwood Estate Akashneem Marg
(33) Name of priority country :NA	DLF City Phase II Gurgaon India Haryana India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)Kunal Kumar
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

A system for attaching embellishments to accessories. The system comprising a first member configured to attach the system to the accessory at least one second member configured to receive at least one embellishment a first locking mechanism and a second locking mechanism. The first member is configured to receive the second member. Further at least one of first locking mechanism and second locking mechanism is configured to secure second member with the first member.

No. of Pages: 30 No. of Claims: 12

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ALCOHOL MEDIATED ESTERIFICATION OF CARBOXYLIC ACIDS WITH CARBONATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/719537 :29/10/2012 :U.S.A. :PCT/US2013/064458 :11/10/2013 :WO 2014/070415	(71)Name of Applicant: 1)ARCHER DANIELS MIDLAND COMPANY Address of Applicant: 4666 Faries Parkway Decatur Illinois 62526 U.S.A. (72)Name of Inventor: 1)STENSRUD Kenneth 2)SCHULTZ Mitchell 3)VENKITASUBRAMANIAN Padmesh
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(57) Abstract:

A process for making esters from organic acids by means of reacting a carboxylic acid with dialkylcarbonate in an alcohol containing solvent without any extrinsic acid or base catalyst is described. A benefit of the preparation process is that it can make the separation and extraction of ester products simpler and more facile conventional isolation techniques.

No. of Pages: 25 No. of Claims: 28

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: POLYVINYL CHLORIDE RESIN AND METHOD OF PREPARING THE SAME

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:C08F14/06,C08L27/06
:1020120123686
:02/11/2012
:Republic of Korea
:PCT/KR2013/009854
:01/11/2013

(87) International Publication No :WO 2014/069940

(61) Patent of Addition to Application
Number :NA
Filing Date
(62) Divisional to Application Number :NA
Filing Date :NA

: C08F14/06, C08L27/06, C08F2/18 (71) Name of Applicant :

1)HANWHA CHEMICAL CORPORATION

Address of Applicant: 1 Jangkyo-dong, Jung-ku, Seoul 100-220

Republic of Korea

(72)Name of Inventor: 1)KO, Jeong Hwan

2)KONG, Jung Ho

3)NAMGOONG, Ji Eun

(57) Abstract:

Disclosed herein is a polyvinyl chloride resin , including: a first particle group having a particle diameter of 0.01 to less than $1\mu m$; and a second particle group having a particle diameter of 1 to $10\mu m$, wherein the volume ratio of the first particle group to the second particle group is 1:0.4 to 1:1.

No. of Pages: 20 No. of Claims: 11

(22) Date of filing of Application: 13/05/2015

(19) INDIA

(54) Title of the invention: HAND HELD PRE FILLED SYRINGE ASSEMBLY

(51) International classification

(31) Priority Document No :1220738.7 (32) Priority Date :16/11/2012

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2013/074084 :18/11/2013

Filing Date (87) International Publication No :WO 2014/076282

(61) Patent of Addition to Application :NA

Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

:A61M5/20,A61M5/32,B65D83/54 (71)Name of Applicant :

1)NEW INJECTION SYSTEMS LTD

(21) Application No.4054/DELNP/2015 A

(43) Publication Date: 09/10/2015

Address of Applicant: Unit 64 Basepoint Business Centre 70 72 The Havens Ransomes Europark Ipswich Suffolk IP3 9BF U.K.

(72)Name of Inventor: 1)DUNNE Stephen

A hand held pre filled syringe assembly comprises a syringe barrel a piston slidably located within the syringe barrel biasing means coupled to the piston and acting to bias the piston within the syringe barrel a hypodermic needle and an openable closure having an inlet and an outlet disposed between the syringe barrel and the hypodermic needle. The inlet of the openable closure is removably coupled to a nozzle of the syringe barrel by a first coupling and the outlet of the openable closure is coupled to a proximal end of the hypodermic needle by a second coupling. The openable closure defines a through channel extending between the inlet and the outlet that is closed by a normally closed valve. The syringe assembly contains a liquid medicament retained within the syringe barrel under pressure applied by the piston such that the liquid medicament is delivered through the hypodermic needle when the normally closed valve is opened.

No. of Pages: 29 No. of Claims: 20

(12) TATENT ATTEICATION TODEICATIO

(21) Application No.4055/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: END LAP SYSTEM FOR ROOF CLADDING SHEETS

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:E04D3/38,E04D1/36,I
:2012905046
:16/11/2012
:Australia
:PCT/AU2013/001325
:15/11/2013

(87) International Publication No :WO 2014/075149 (61) Patent of Addition to Application

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

:E04D3/38,E04D1/36,E04D3/36 (71)Name of Applicant :

1)BLUESCOPE STEEL LIMITED

Address of Applicant :Level 11120 Collins Street Melbourne Victoria

3000 Australia

(72)Name of Inventor:

1)KRALIC John Frank 2)GALLATY Rodney John 3)CELEBAN Michael

(57) Abstract:

A clip (61) for holding together an upper roof cladding sheet (29a) and a lower roof cladding sheet (29b) in an end to end i.e. end lap relationship on a roof. The clip is formed to fit over and lock onto a rib (31) of the lower cladding sheet and to retain the upper sheet on the clip. An elongate weather strip (57) is formed from a compressible material and includes a pan section (81) that can fill a gap between overlapping pans of the cladding sheets. The pan section includes an upper surface having a series of troughs (87) and ridges (89) along the length of the pan section that has the result of providing the pan section with a variable height along the length of the pan section. The ridges of the pan section compress when the upper roof cladding sheet is positioned on and engaged with the lower cladding sheet in an overlapping relationship with the pan section filling the gap between the cladding sheets.

No. of Pages: 52 No. of Claims: 47

(19) INDIA

(22) Date of filing of Application :13/05/2015

(21) Application No.4056/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: TRANSPARENT FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12193239.6 :19/11/2012 :EPO :PCT/EP2013/073596 :12/11/2013 :WO 2014/076069 :NA	(71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor: 1)AUSSEMS Hendricus Franciscus 2)VET Antonius Maria 3)HEUVEL VAN DEN Paul Willem Jan
		,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Film containing at least a first layer comprising a copolymer containing monomer units of a dimerised fatty acid or a derivative thereof wherein the first layer has a thickness of at least 75 μ m and the first layer has a haze as measured by ASTM D1003 11 Procedure A of at most 30%. The film can be used for decorative packaging deep drawn packaging or decorative films.

No. of Pages: 11 No. of Claims: 12

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: HEAT SHIELD FOR IMPROVED CONTINUOUS CZOCHRALSKI PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:13/688969 :29/11/2012 :U.S.A. :PCT/US2013/071870 :26/11/2013	(71)Name of Applicant: 1)SOLAICX INC. Address of Applicant:501 Pearl Drive St. Peters Missouri 63376 U.S.A. (72)Name of Inventor: 1)SWAMINATHAN Tirumani N.
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2014/085388 :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for growing ingots by the Czochralski method is described. The ingots are drawn from a melt/crystal interface in a quantity of molten silicon replenished by crystalline feedstock. The apparatus includes a crucible configured to hold the molten silicon and a weir supported in the crucible. The weir is configured to separate the molten silicon into an inner growth region from an outer region configured to receive the crystalline feedstock. The weir includes a sidewall extending vertically and a top wall. An annular heat shield is disposed on the top wall of the weir that covers at least about 70% of the outer region.

No. of Pages: 18 No. of Claims: 18

(21) Application No.11240/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR FRAUD PREVENTION

(51) International classification	:G06K19/067,G06F21/32	(71)Name of Applicant:
(31) Priority Document No	:2012903212	1)CHERRY Peter
(32) Priority Date	:26/07/2012	Address of Applicant :c/ Cullens Patent and Trademark Attorneys
(33) Name of priority country	:Australia	GPO Box 1074 Brisbane Queensland 4001 Australia
(86) International Application No	:PCT/AU2013/000834	(72)Name of Inventor:
Filing Date	:26/07/2013	1)CHERRY Peter
(87) International Publication No	:WO 2014/015386	2)MAHER, AARON COPE
(61) Patent of Addition to Application Number	:NA	3)MAHER, DION JAYE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to a data card. The data card includes a biometric sensor at least one processor wherein the at least one processor is operable on contact by a user with said biometric sensor whereon said processor is adapted to obtain a reading from the biometric sensor to verify that the user is an authorised user and prohibit further card usage in the event that the user is not an authorised user.

No. of Pages: 28 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: CALIBRATING ASSAYS USING REACTION TIME

:G01N33/566,G01N33/543,C12M1/34 | (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/726626 (32) Priority Date :15/11/2012

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/070341 Filing Date :15/11/2013

(87) International Publication No :WO 2014/078679

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application

:NA Number :NA Filing Date

1)ORTHO CLINICAL DIAGNOSTICS INC.

(21) Application No.4062/DELNP/2015 A

Address of Applicant: 1001 U.S. Route 202 Raritan New Jersey

(72)Name of Inventor:

1)DING Zhong

2)SCALICE Edward R.

(57) Abstract:

A method for performing an assay on a liquid sample for the detection of one or more analytes of interest in an assay device having a flow path which includes a sample zone and detection zone thereon includes: dispensing the sample onto the sample zone; combining the sample and a reagent wherein the sample and reagent may be combined prior to addition of the sample to the sample zone or on the assay device flowing the combined sample/reagent by capillary action into and through the detection zone having capture elements bound thereto wherein a signal at least partially representative of the presence or concentration of analyte(s) is produced and detected; determining a reaction time or reaction volume; and determining the concentration of the analyte by using both the detected signal and the reaction time or reaction volume.

No. of Pages: 58 No. of Claims: 47

(21) Application No.4064/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: THERMO ELECTRIC METHOD FOR TEXTURING OF GLASS SURFACES

:C03C15/00,C03C19/00,C03C23/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/660702 1)CORNING INCORPORATED (32) Priority Date :25/10/2012 Address of Applicant: 1 Riverfront Plaza Corning New York 14831 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/066098 (72)Name of Inventor: Filing Date :22/10/2013 1)SMITH Nicholas James (87) International Publication No :WO 2014/066335 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A thermo electric method for texturing a glass surface including for example simultaneously heating a glass substrate to a temperature less than its glass transition temperature and applying a bias across the glass substrate using a template electrode. The applied bias at the processing temperature induces localized ion migration within the glass which results in the formation in the glass surface of a negative topographical image of the pattern formed in the electrode.

No. of Pages: 29 No. of Claims: 21

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: COIL FORMING APPARATUS AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/731115 :29/11/2012 :U.S.A. :PCT/US2013/069774 :13/11/2013 :WO 2014/085084 :NA	(71)Name of Applicant: 1)SIEMENS INDUSTRY INC. Address of Applicant: 3333 Old Milton Parkway Alpharetta Georgia 30005 4437 U.S.A. (72)Name of Inventor: 1)FIORUCCI Keith E. 2)LASHUA Christopher D. 3)ONEILL Hugh T.
. ,		3)ONEILL Hugh 1.

(57) Abstract:

An apparatus is disclosed for receiving a helical formation of rings (R) free falling from the delivery end of a conveyor (16) and for gathering the rings into a coil. The apparatus comprises a vertically disposed mandrel (10b) having an upper end (10a) positioned for encirclement by the free falling rings. A vertically disposed support column (18) is positioned adjacent to the mandrel (10b). Upper and lower coil plate assemblies (20; 22) are carried by and vertically adjustable on the support column (18). A drive system vertically adjusts the coil plate assemblies (20; 22) in a descending manner in which the free falling rings encircling the mandrel (10b) are initially accumulated on the upper coil plate assembly (20) before being transferred onto the lower coil plate assembly (22).

No. of Pages: 24 No. of Claims: 10

(21) Application No.4066/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: DYNAMIC BUFFER MANAGEMENT FOR A MULTIMEDIA CONTENT DELIVERY SYSTEM

(51) International classification :H04N21/438,H04N21/44,H04N21/442 (71)Name of Applicant :

(31) Priority Document No :13/675359

(32) Priority Date :13/11/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/066295

Filing Date :23/10/2013

(87) International Publication No :WO 2014/078029

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)GOOGLE TECHNOLOGY HOLDINGS LLC

Address of Applicant :1600 Amphitheatre Parkway Mountain View

CA 94303 U.S.A.

(72)Name of Inventor:

1)AERRABOTU Naveen

(57) Abstract:

A method implemented in a computing device that connects over a network to server computers that host content streams. The method displays content items on the computing device where each content item includes a link to one of the content streams (410) determines an amount of available bandwidth on a data connection from the computing device to the network (420) and associates a pre fetch buffer and a streaming buffer with each content item (430). For each content item (440) the method obtains a measurement based on a condition relative to the linked content stream (450). The method then calculates for each content item a size for the pre fetch buffer based on the amount of available bandwidth and the measurement (460) allocates memory for the pre fetch buffer and the streaming buffer (470) and initiates a download of a first portion of the linked content stream to the pre fetch buffer (480).

No. of Pages: 21 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :13/05/2015

(21) Application No.4080/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEDIUM PROCESSING DEVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	G07D9/00 2012250238 14/11/2012 Japan PCT/JP2013/077389 08/10/2013 WO 2014/077054 NA NA NA	(71)Name of Applicant: 1)OKI ELECTRIC INDUSTRY CO. LTD. Address of Applicant: 1 7 12 Toranomon Minato ku Tokyo 1058460 Japan (72)Name of Inventor: 1)YAMASHITA Yuusuke
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(57) Abstract:

A medium processing device having: a storage part which has an aperture into which a medium is deposited and which stores a medium deposited from the aperture; a medium pressing part which is capable of moving between a first end wall and a second end wall of the storage part and which presses the medium that has been inserted from the aperture against the second end wall of the storage part; and an expansion part which extends between the medium pressing part and the first end wall of the storage part and expands into a medium non storage region between the medium pressing part and the first end wall of the medium storage part in conjunction with the movement of the medium pressing part from the first end to the second end of the storage part in order to press the medium (which has been deposited into a medium storage region between the medium pressing part and the second end wall of the storage part) against the second end wall of the storage part.

No. of Pages: 45 No. of Claims: 12

(12) I ATENI ATTEICATION I OBLICATION

(21) Application No.4081/DELNP/2015 A

(19) INDIA

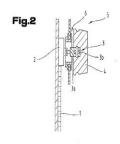
(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: CLOSURE SYSTEM FOR ARTICLES

(51) International classification	:A41F1/02,A44B19/30,A44B19/26	(71)Name of Applicant:
(31) Priority Document No	:A 1115/2012	1)ZIPP IT GMBH
(32) Priority Date	:15/10/2012	Address of Applicant :Praterstrae 70 / Top 14 A 1020 Wien Austria
(33) Name of priority country	:Austria	(72)Name of Inventor:
(86) International Application No	:PCT/AT2013/050203	1)WELLER Karl Christian
Filing Date	:15/10/2013	
(87) International Publication No	:WO 2014/059459	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

The invention relates to a closure system (5) for an article with a zip fastener (1) a slider (2) and a zip fastener grip (3) in which the zip fastener grip (3) is at least partially passed through a locking piece (6) designed or arranged on the article when the zip fastener (1) is in the closed position. In this closed position the slider (2) is held in position on the article. Furthermore at least one plate (4) is arranged in the region of the locking piece (6) at least when the zip fastener (1) is in the closed position.



No. of Pages: 28 No. of Claims: 12

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: FLUID FILM HYDRODYNAMIC FLEXURE PIVOT TILTING PAD SEMI FLOATING RING JOURNAL BEARING WITH COMPLIANT DAMPERS

(21) Application No.4082/DELNP/2015 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01D25/16,F02D37/00 :61/719079 :26/10/2012 :U.S.A. :PCT/US2013/064778 :14/10/2013 :WO 2014/066080 :NA :NA :NA	(71)Name of Applicant: 1)BORGWARNER INC. Address of Applicant: Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor: 1)RYU Keun
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(57) Abstract:

(19) INDIA

A turbocharger 51 is provided with an improved bearing 52 preferably formed as a semi floating ring journal bearing which has hydrodynamic flexure pivot tilting pads 53 on the inner diameter thereof and compliant structural dampers 54 on the outer diameter thereof. The compliant structural dampers 54 are installed between an outer bearing surface and an inner surface of a bearing chamber 56. These compliant structural dampers 54 can be formed as metal mesh dampers 71 or bump foil dampers 72 which are effective to dissipate mechanical energy from structural damping and dry friction.

No. of Pages: 21 No. of Claims: 15

(21) Application No.4083/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ENERGY RECOVERY SYSTEM HAVING INTEGRATED BOOM/SWING CIRCUITS

(51) International classification	:E02F3/43,E02F9/22	(71)Name of Applicant:
(31) Priority Document No	:13/665384	1)CATERPILLAR INC.
(32) Priority Date	:31/10/2012	Address of Applicant :100 N.E. Adams Street Peoria IL 61629 9510
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/067376	(72)Name of Inventor:
Filing Date	:30/10/2013	1)WEN Gang Victor
(87) International Publication No	:WO 2014/070816	2)MA Pengfei
(61) Patent of Addition to Application Number	:NA	3)ZHANG Jiao
Filing Date	:NA	4)SHANG Tonglin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An energy recovery system (50) for a machine (10) is disclosed. The energy recovery system may have a boom circuit (54) with at least a one linear actuator (28) configured to move a work tool (16) and a boom accumulator (236) configured to selectively collect pressurized fluid from the at least one linear actuator and to discharge pressurized fluid back to the at least one linear actuator. The energy recovery system may also have a swing circuit (52) with a swing motor (49) configured to move the work tool and a swing accumulator (108) configured to selectively collect pressurized fluid from the swing motor and discharge pressurized fluid back to the swing motor. The energy recovery system may further have a common accumulator passage (266) fluidly connecting the boom accumulator and the swing accumulator.

No. of Pages: 42 No. of Claims: 10

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MACHINE MANAGEMENT DEVICE

(51) International classification	:G06F3/048	(71)Name of Applicant:
(31) Priority Document No	:2012156081	1)HITACHI APPLIANCES INC.
(32) Priority Date	:12/07/2012	Address of Applicant :16 1 Kaigan 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1050022 Japan
(86) International Application No	:PCT/JP2013/066139	(72)Name of Inventor:
Filing Date	:12/06/2013	1)OHIRA Yoichi
(87) International Publication No	:WO 2014/010362	2)SAKURAI Koichiro
(61) Patent of Addition to Application Number	:NA	3)KAITO Satomi
Filing Date	:NA	4)SUGIYAMA Naoya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a machine management device that provides a management screen for classifying into groups and managing a plurality of machines wherein if a machine enters a specific state the present invention makes it possible for a user to more readily know where in the entirety of the groups said machine is thus enhancing convenience. For this purpose a machine management device provides a management screen for classifying into groups and managing a plurality of machines wherein the machine management device is characterized by being provided with a group display unit for displaying the groups that will fit in a predetermined display region of the management screen and a group whole display unit by which information about the whole of the groups is displayed in sequence of the groups displayed by the group display unit and so as to fit in the predetermined display region of the management screen and characterized in that if the machine enters a predetermined state then the form of the group whole display unit at a position corresponding to the group to which said machine belongs changes in response to the predetermined state.

No. of Pages: 83 No. of Claims: 10

(22) Date of filing of Application :31/12/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: DRY POWDER FOR INHALATION FORMULATION COMPRISING SALMETEROL XINAFOATE FLUTICASONE PROPIONATE AND TIOTROPIUM BROMIDE AND METHOD FOR PREPARING SAME

:A61K9/14,A61K9/16,A61K31/56 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1020120063665

(32) Priority Date :14/06/2012 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2013/004880

Filing Date :03/06/2013 (87) International Publication No :WO 2013/187626

(61) Patent of Addition to Application :NA Number

:NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

1)HANMI PHARM. CO. LTD.

Address of Applicant :214 Muha ro Paltan myeon Hwaseong si

Gyeonggi do 445 910 Republic of Korea

(72)Name of Inventor:

1)KIM Kyeong Soo 2)LEE Deokkyu

3)KIM Dong Ho 4)KIM Yong Il

5)PARK Jae Hyun 6)WOO Jong Soo

(57) Abstract:

Provided is a dry powder for inhalation formulation comprising salmeterol xinafoate fluticasone propionate and tiotropium bromide as pharmaceutically active ingredients and a carrier and an inhalation formulation comprising same. The inventive dry powder inhalation formulation having good content uniformity and showing small changes in the aerodynamic size distribution in accordance with the flow rate changes can effectively deliver said pharmaceutically active ingredients to a target site upon administration and thus can be useful in the prevention or treatment of respiratory diseases particularly asthma and COPD.

No. of Pages: 28 No. of Claims: 10

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PRODUCTION METHOD FOR POLYBUTYLENE TEREPHTHALATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G63/78,C08G63/183,C12P7/18 :2012128064 :05/06/2012 :Japan :PCT/JP2013/065365 :03/06/2013 :WO 2013/183590 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI CHEMICAL CORPORATION Address of Applicant: 1 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008251 Japan 2)GENOMATICA INC. (72)Name of Inventor: 1)UTSUNOMIYA Masaru 2)IZAWA Yusuke 3)KONISHI Norikazu 4)MATSUZONO Shinichiro 5)SUZUKI Takayuki 6)JAPS Michael 7)BURK Mark 8)CLARK Warren
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(57) Abstract:

The purpose of the present invention is to provide a production method for polybutylene terephthalate (PBT) having good color tones said method using a biological resource derived 1, 4 butanediol (BG). This production method for PBT has: a step in which a dicarboxylic acid component and a diol component including a raw material 1, 4-BG having a nitrogen atom content of 0.01 50 ppm by mass are esterized or transesterified; and a polycondensation step in which PBT is obtained from the reaction product. The gamma butyrolactone content in the raw material 1, 4-BG is 1-100 ppm by mass.

No. of Pages: 40 No. of Claims: 6

(21) Application No.4094/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: NOVEL PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K9/14,A61K31/519,A61P35/00	(71)Name of Applicant:
(31) Priority Document No	:61/731597	1)GLAXOSMITHKLINE LLC
(32) Priority Date	:30/11/2012	Address of Applicant :2711 Centerville Road Suite 400 Wilmington
(33) Name of priority country	:U.S.A.	DE 19808 U.S.A.
(86) International Application No	:PCT/US2013/071816	(72)Name of Inventor:
Filing Date	:26/11/2013	1)CAMPBELL Gossett
(87) International Publication No	:WO 2014/085371	2)HENRIQUEZ Francisco
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are novel pharmaceutical formulations containing N {3 [3 cyclopropyl 5 (2 fluoro 4 iodo phenylamino) 6 8 dimethyl 2 4 7 trioxo 3 4 6 7 tetrahydro 2H pyrido[4 3 d]pyrimidin 1 yl]phenyl}acetamide dimethyl sulfoxide solvate methods of using the compositions in therapy and processes for preparing the same.

No. of Pages: 46 No. of Claims: 13

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: LOOSE FILL INSULATION EXHAUST GAS TREATMENT DEVICE AND METHODS OF MANUFACTURING

 (51) International classification
 :F01N3/033,F01N3/24,F01N13/10

 (31) Priority Document No
 :61/849811

 (32) Priority Date
 :20/11/2012

 (33) Name of priority country
 :U.S.A.

(86) International Application No :PCT/US2013/071047 Filing Date :20/11/2013 (87) International Publication No :WO 2014/081854

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)TENNECO AUTOMOTIVE OPERATING COMPANY INC. Address of Applicant :500 N. Field Dr. Lake Forest Illinois 60045

U.S.A.

(72)Name of Inventor:

1)LATHAM Ruth Ann 2)ALCINI William V. 3)GOLIN Michael A.

4)TORZEWSKI Michael Joseph

5)FREIS Steven A.

6)KLUESNER Mark Ernest 7)SALANTA Gabriel S. 8)MYERS Stephen Joe

(57) Abstract:

An exhaust gas treatment device which includes an outer layer an inner layer that is at least in part disposed within the outer layer and a loose fill insulation disposed in the volume between the outer layer and the inner layer where a piece of fiber mat is disposed between the outer layer and the inner layer and forms a barrier that at least partially prevents the loss of the loose fill insulation from the volume between the outer layer and the inner layer and a manufacturing method that includes placing a loose fill insulation into the volume of space between an inner layer and an outer layer and positioning a piece of fiber mat between the outer layer and the inner layer to form a barrier that at least partially prevents the loss of the loose fill insulation from the volume of space between the outer and inner layers.

No. of Pages: 72 No. of Claims: 53

(21) Application No.4096/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: FLOWABLE PEROXIDE CONTAINING ORAL CARE COMPOSITIONS

(51) International classification	:A61K8/24,A61K8/34,A61K8/37	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York 10022
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2012/069855	(72)Name of Inventor:
Filing Date	:14/12/2012	1)FEI Lin
(87) International Publication No	:WO 2014/092733	2)CHOPRA Suman
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein are oral care compositions comprising (i) a whitening complex comprising crosslinked polyvinylpyrrolidone complexed with hydrogen peroxide and (ii) a thickening agent comprising a crosslinked polyvinylpyrrolidone the composition further comprising (iii) a nonionic rheology modifier selected from at least one of a polysorbate surfactant and an alkylene glycol ester of a C C fatty acid or a mixture thereof.

No. of Pages: 23 No. of Claims: 31

(21) Application No.4097/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ABRASIVE COATINGS FOR PEROXIDE CONTAINING COMPOSITIONS

(51) International classification :A61K8/26,A61K8/36,A61Q11/00 (71)Name of Applicant : (31) Priority Document No 1) COLGATE PALMOLIVE COMPANY (32) Priority Date :NA Address of Applicant :300 Park Avenue New York New York 10022 (33) Name of priority country :NA (86) International Application No :PCT/US2012/069885 (72)Name of Inventor: Filing Date :14/12/2012 1)MALONEY Venda Porter (87) International Publication No :WO 2014/092736 2)CHOPRA Suman (61) Patent of Addition to Application 3)MANDADI Prakasarao :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Described herein are oral care compositions comprising (i) a peroxide whitening agent and (ii) an abrasive in the form of particles wherein the particles are pre-coated with a coating layer composed of a coating material selected from at least one substantially saturated C. C fatty acid at least one monosaturated C. C fatty acid and at least one silicone polymer or any mixture of two or more thereof.

No. of Pages: 23 No. of Claims: 31

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SUSPENSION DEVICE AND COILED COMPRESSION SPRING FOR SUSPENSION DEVICE

(51) International classification :B60G11/14,B60G9/04,F16F1/06

 (31) Priority Document No
 :2012252520

 (32) Priority Date
 :16/11/2012

 (33) Name of priority country
 :Japan

(86) International Application No PCT/JP2013/080811 Filing Date :14/11/2013 (87) International Publication No :WO 2014/077327

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(71)Name of Applicant : 1)NHK SPRING CO. LTD.

Address of Applicant: 3 10 Fukuura Kanazawa ku Yokohama shi

Kanagawa 2360004 Japan (72)Name of Inventor:

1)YAMAMOTOYA Kenji 2)ENOMOTO Hideto 3)TAKAHASHI Ken 4)SATO Toshiaki 5)SUGIYAMA Mitsuhiro 6)KOBAYASHI Yoshio

7)INAGE Taichi 8)KATO Tomotake 9)NISHIKAWA Akihiko 10)UMEZAWA Masahiro 11)AYADA Michihiko 12)KAJIGAYA Suguru

(57) Abstract:

A knee action type suspension device (11) is provided with an arm member (20) a coiled compression spring (21) and a shock absorber (24). The arm member (20) is supported by a pivot (31) so as to be capable of pivoting in the vertical direction the pivot (31) being provided to an arm mounting section (30). The coiled spring (21) is disposed between spring seats (22 23). The coiled spring (21) extends and retracts between a fully rebound state and a fully bumped state according to the magnitude of a load applied to the vehicle body. The wire (40) of the coiled spring (21) has a large diameter wire section (40a) a small diameter wire section (40b) and a wire diameter changing section (40c). The large diameter wire section (40a) is provided to a first portion (21a) of the coiled spring (21) the first portion (21a) being located on the side of the coiled spring (21) which is closer to the pivot (31). The small diameter wire section (40b) is provided to a second portion (21b) of the coiled spring (21) the second portion (21b) being located on the side of the coiled spring (21) which is farther from the pivot (31). The wire diameter (d1) of the large diameter wire section (40a) is greater than the wire diameter (d2) of the small diameter wire section (40b).

No. of Pages: 25 No. of Claims: 4

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: STRUT TYPE SUSPENSION AND COMPRESSION COIL SPRING FOR SUSPENSION

(71)Name of Applicant: 1)NHK SPRING CO. LTD. (51) International classification :B60G11/14,B60G3/28,B60G15/06 Address of Applicant :3 10 Fukuura Kanazawa ku Yokohama shi (31) Priority Document No :2012252519 Kanagawa 2360004 Japan (32) Priority Date :16/11/2012 (72)Name of Inventor: (33) Name of priority country 1)YAMAMOTOYA Kenji :Japan (86) International Application No :PCT/JP2013/080810 2)ENOMOTO Hideto Filing Date :14/11/2013 3)TAKAHASHI Ken (87) International Publication No :WO 2014/077326 4)SATO Toshiaki (61) Patent of Addition to Application :NA 5)SUGIYAMA Mitsuhiro Number 6)KOBAYASHI Yoshio :NA Filing Date 7) INAGE Taichi (62) Divisional to Application 8)KATO Tomotake :NA Number 9)NISHIKAWA Akihiko :NA Filing Date 10)UMEZAWA Masahiro 11)AYADA Michihiko 12)KAJIGAYA Suguru

(57) Abstract:

A strut type suspension (11) is provided with a compression coil spring (12) a lower spring seat (13) an upper spring seat (14) and a shock absorber (15) that passes the inside of the compression coil spring (12). The compression coil spring (12) is disposed at a position offset to the outside of a vehicle with respect to the shock absorber (15). This compression coil spring (12) is mounted to a vehicle body (30) while being compressed between the spring seats (13 14). The compression coil spring (12) has large diameter element wire sections (40a) and small diameter element wire sections (40b). The large diameter element wire sections (40a) are provided in a vehicle inside portion (12a) of the compression coil spring (12). The small diameter element wire sections (40b) are provided in a vehicle outside portion (12b). The element wire diameter (d1) of the large diameter element wire sections (40a) is larger than the element wire diameter (d2) of the small diameter element wire sections (40b).

No. of Pages: 22 No. of Claims: 6

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : VIDEO PREDICTION ENCODING DEVICE VIDEO PREDICTION ENCODING METHOD VIDEO PREDICTION DECODING DEVICE AND VIDEO PREDICTION DECODING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/32 :2012209626 :24/09/2012 :Japan :PCT/JP2013/066616 :17/06/2013 :WO 2014/045651 :NA :NA :NA	(71)Name of Applicant: 1)NTT DOCOMO INC. Address of Applicant: 11 1 Nagatacho 2 chome Chiyoda ku Tokyo 1006150 Japan (72)Name of Inventor: 1)YOSHINORI SUZUKI 2)CHOONG SENG BOON 3)THIOW KENG TAN
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(57) Abstract:

This decoding device is provided with a decoding means which decodes compressed data of a residue signal and direction information of intra screen prediction of a target block a prediction signal generation means which generates an intra screen prediction signal from said direction information and an already reproduced reference sample of an adjacent block a residue signal restoring means which restores a reproduced residue signal of the target block and a block storage means which restores and stores the pixel signal of the target block wherein the prediction signal generation means acquires a reference sample from an already reproduced block in the periphery of the stored target block selects two or more key reference samples interpolates between the key reference samples in order to generate an interpolated reference sample and generates the intra screen prediction by extrapolating the interpolated reference sample on the basis of the direction of the intra screen prediction.

No. of Pages: 63 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: DRIVE FOR AN ACTUATING UNIT

(51) International classification :E05B81/24,E05B85/02,H05K5/00 (71)Name of Applicant :

(31) Priority Document No :10 2012 218 651.4 (32) Priority Date :12/10/2012

(33) Name of priority country :Germany (86) International Application No :PCT/DE2013/000553

Filing Date :27/09/2013 (87) International Publication No :WO 2014/056471

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number:NA Filing Date :NA

1)KIEKERT AKTIENGESELLSCHAFT

(21) Application No.3266/DELNP/2015 A

Address of Applicant : Hseler Platz 2 42579 Heiligenhaus Germany

(72)Name of Inventor: 1)T-PFER Claus

(57) Abstract:

The invention relates to a drive for an actuating unit especially for a power closing mechanism preferably for a motor vehicle lock comprising a motor housing part for accommodating an electric motor and a housing cover part for covering the motor housing part a cable for electrically conducting current being electrically connected to a motor contact of the electric motor in the motor housing part and the cable comprising a diversion zone. The diversion zone of the cable is arranged outside or at least partially outside the housing. In this manner the cable is not unduly bent during assembly when the housing is closed.

No. of Pages: 18 No. of Claims: 15

(21) Application No.3267/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR THE PRODUCTION OF THIN SHEET GLASS

:C03B19/00,B32B17/02,C03C25/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :1260293 1)SAINT GOBAIN GLASS FRANCE (32) Priority Date :29/10/2012 Address of Applicant: 18 Avenue dAlsace F 92400 Courbevoie (33) Name of priority country :France (86) International Application No :PCT/FR2013/052571 (72)Name of Inventor: Filing Date :28/10/2013 1)GY Ren (87) International Publication No :WO 2014/068233 2)JOANICOT Mathieu (61) Patent of Addition to 3)CHOULET Anne :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a method for the production of flat glass comprising: (a) impregnation of a glass textile with a molten glass composition the glass forming the fibres of the glass textile having a softening temperature above that of the glass forming the molten glass composition said step (a) comprising (a1) the impregnation of the glass textile with a glass frit composition and (a2) the heating of the impregnated glass textile obtained in step (a1) to a temperature above the softening temperature of the glass frit; (b) the cooling of the impregnated glass textile obtained in step (a) such as to obtain a glass sheet. The invention also relates to a glass sheet produced using such a method.

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: MICROWAVE TRANSITION DEVICE BETWEEN A MICROSTRIP LINE AND A RECTANGULAR WAVEGUIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01P 5/07 :0958684 :07/12/2009 :France :PCT/EP2010/069007 :06/12/2010 :WO 2011/069980 :NA :NA :NA	(71)Name of Applicant: 1)CASSIDIAN SAS Address of Applicant:1, BOULEVARD JEAN MOULIN, ZAC DE LA CLEF SAINT PIERRE, F-78990 ELANCOURT, FRANCE France (72)Name of Inventor: 1)MICHEL ROBIN 2)GUILLAUME TOLLERON
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(57) Abstract:

For associating different technologies of a microstrip line and of a rectangular waveguide, for example on a ceramic, in a transition 10 device comprising a mode transformer (4) between the line (1) integrated into a printed circuit board (2), and the waveguide (31-321-322), the board (2) comprises a housing (26) containing the waveguide with a large sidewall (31s) coplanar and coaxial to the strip (11) of the line and another large sidewall (31i) fixed onto a metallic layer (23) of 15 the board at the bottom of the housing. A linking metallic element (6) bridges a mechanical tolerance gap (5) between the transformer and one of the line and the waveguide. The transformer can be integrated into the board, or into the waveguide in a microwave component (3). (FIG. 1)

No. of Pages: 19 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: A SYSTEM FOR INTELLIGENT TRAFFIC CONTROL

:G08G1/00,G08G1/07,G08G1/081 | (71)Name of Applicant : (51) International classification

(31) Priority Document No :PI2012701326 (32) Priority Date :31/12/2012 (33) Name of priority country :Malavsia

(86) International Application No :PCT/MY2013/000046

Filing Date :04/03/2013

(87) International Publication No :WO 2014/104869

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)SENA TRAFFIC SYSTEMS SDN. BHD.

(21) Application No.3274/DELNP/2015 A

Address of Applicant :Block N2 UPM MTDC Technology Centre, Universiti Putra Malaysia, Selangor, Serdang, 43400 Malaysia

(72)Name of Inventor:

1) CHONG, Fui Thung, David

2)TAN, Boon Chiat 3)WANG, Sui Jiun 4)LIST, George

(57) Abstract:

The invention provides a system that intelligently manages traffic. It is comprised of a plurality of junction servers (110a, 110b, 110c, 110d, 110e) located at the intersections being controlled. The servers communicate real time traffic data among each other via a mesh network. A central server (200) remotely updates settings and software of the junction servers (110a, 110b, 110c, 110d, 110e) but it does not control the signal timing. The junction servers (110a, 110b, 110c, 110d, 110e) determine average delays per vehicle for each movement at their respective intersections.

No. of Pages: 12 No. of Claims: 13

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

 $(54) \ Title \ of the invention: DISPLAY \ DEVICE, REMOTE \ CONTROL \ DEVICE \ TO \ CONTROL \ DISPLAY \ DEVICE, METHOD \ OF \ CONTROLLING \ DISPLAY \ DEVICE \ , METHOD \ OF \ CONTROLLING \ SERVER \ AND \ METHOD \ OF \ CONTROLLING \ REMOTE \ CONTROLLING \ DEVICE$

(33) Name of priority country :1 (86) International Application No :1 Filing Date ::	PCT/KR2013/009342 18/10/2013 WO 2014/062032	1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129 Samsung -ro, Yeongtong- gu, Suwon -si, Gyeonggi -do 443- 742 Republic of Korea (72)Name of Inventor: 1)KIM, In Ji 2)LEE, Yong Hoon 3)CHOI, Sang On
Filing Date :1 (62) Divisional to Application Number :1	NA NA NA NA	3)CHOI, Sang On

(57) Abstract:

A display device, a remote control device for the display device, a method of controlling the display device, a method of controlling the remote control device, and a method of controlling a server includes collecting at least one piece of situation information or receiving at least one piece of situation information from a remote control device, determining a current state of a user based on the collected or received at least one piece of situation information, instructing the remote control device to output a notification signal corresponding to the current state of the user, and generating the control command according to the current state of the user and providing a sense -based image service to the user according to the control command.

No. of Pages: 64 No. of Claims: 40

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: DISPLAY APPARATUS AND CONTROL METHOD THEREOF

:NA

(51) International classification :G06F3/01,H04N21/4227,G06F3/14 (71)Name of Applicant : (31) Priority Document No :1020120116956 1)SAMSUNG ELECTRONICS CO., LTD. (32) Priority Date :19/10/2012 Address of Applicant :129 Samsung- ro, Yeongtong- gu, Suwon- si, (33) Name of priority country :Republic of Korea Gyeonggi -do 443- 742 Republic of Korea (86) International Application No :PCT/KR2013/008073 (72)Name of Inventor: Filing Date :06/09/2013 1)AHN, Jae Hong (87) International Publication No :WO 2014/061916 2)SEOL, Gyung Chan (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A display apparatus including a recognition unit to recognize a gaze of a user, a controller to determine whether the recognized gaze is within a predetermined recognition region and to control entry into an interactive mode upon determining that the recognized gaze is within the predetermined recognition region, and a display unit to display an image corresponding to the interactive mode. A user s gaze is tracked to perform entry into an interactive mode , thereby easily achieving entry into the interactive mode and performing more intuitive interaction. In addition , a multi-modal interactive mode including a combination of face recognition ,voice recognition and gaze recognition is performed ,thereby performing a more extended interactive mode and accurately determining a user command. As a result, functions are correctly performed , thereby improving user convenience.

No. of Pages: 44 No. of Claims: 15

(21) Application No.3277/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: DISPLAY DEVICE, METHOD OF CONTROLLING THE DISPLAY DEVICE, AND INFORMATION PROCESSOR TO CONTROL THE DISPLAY DEVICE

:G06F3/01,G06F3/14,G06F3/16 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1020120116957 (32) Priority Date :19/10/2012 (33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2013/009236 Filing Date :16/10/2013

(87) International Publication No :WO 2014/061985 (61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129 Samsung -ro, Yeongtong- gu, Suwon- si,

Gyeonggi- do 443-742 Republic of Korea

(72)Name of Inventor:

1)KIM, In Ji

2)SEOL, Gyung Chan 3)AHN ,Jae Hong 4)RYU, Young Jun

5)LEE, Yong Hoon

(57) Abstract:

A display device includes an input unit to receive a user message, a video output unit to display a plurality of agents and an agent ,controller to analyze the user message and generate at least one agent message for at least one of the plurality of agents based on an analysis result of the user message. Different agent messages are generated for the plurality of agents. The display device may display the agent messages on the video output unit. If the display device includes an audio output unit, the agent messages may be output by voice.

No. of Pages: 47 No. of Claims: 43

(21) Application No.5040/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: DEBRIS GUARD

(51) International classification	:B62D 55/06	(71)Name of Applicant:
(31) Priority Document No	:61/288,780	1)CATERPILLAR INC.
(32) Priority Date	:21/12/2009	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(33) Name of priority country	:U.S.A.	ILLINOIS 61629 U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/060522	(72)Name of Inventor:
Filing Date	:15/12/2010	1)AUCH, RICHARD G.
(87) International Publication No	:WO 2011/084491	2)VERTENTEN, DANIEL P.
(61) Patent of Addition to Application Number	:NA	3)LARSON, MICHAEL P.
Filing Date	:NA	4)MARQUETTE, DANIEL J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A debris guard includes a plurality of fasteners and an outer cover including two or more sections that when assembled form an annular inner wall. Each of the two or more sections includes at least one mounting feature shaped to receive at least one of the plurality of fasteners. An inner guard includes a mounting portion and a seal.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR FORMING ON A SUBSTRATE A PATTERN OF A MATERIAL

:H05K3/12,G03G15/00,H05K3/20 (71)Name of Applicant : (51) International classification (31) Priority Document No

(32) Priority Date :NA (33) Name of priority country :NA

(86) International Application No :PCT/EP2012/071638

Filing Date :31/10/2012 (87) International Publication No :WO 2014/067578

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)HEWLETT -PACKARD INDIGO B.V.

Address of Applicant :Limburglaan 5, NL -6221 Maastricht

Netherlands

(72)Name of Inventor:

1)KELLA, Dror 2)NEGREANU, Eyal 3)AMIR, Gidi

4)SANDLER, Mark 5)GRINWALD, Yaron

(57) Abstract:

A method for forming on a substrate (108; 214) a pattern of a material, the method comprising: providing (S100) a material layer (104); providing (S104, S106) an adhesive layer (106), wherein at least one of the material layer (104) or the adhesive layer (106) comprises a pattern corresponding to the pattern to be formed on the substrate (108; 214); and transferring (S108) the material to the substrate (108; 214) with the adhesive fixing the material to a surface (110; 216) of the substrate (108; 214). This solves the problem of forming on a substrate a pattern of a material that, in general, cannot be applied to the substrate directly due to the fact that the material cannot be printed and/or has no or reduced adherence properties with respect to the substrate.

No. of Pages: 31 No. of Claims: 15

(21) Application No.3285/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: SUPPLY AND DRAIN DEVICE FOR AN INJECTOR

(51) International classification :F02C7/232,F16K17/196 (71)Name of Applicant : (31) Priority Document No 1)TURBOMECA :1259285 Address of Applicant :F- 64510 Bordes France (32) Priority Date :01/10/2012 (33) Name of priority country (72)Name of Inventor: :France (86) International Application No :PCT/FR2013/052116 1)CARRERE Bernard Filing Date :16/09/2013 (87) International Publication No :WO 2014/053721 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention concerns a device (1) for a turbomachine chamber injector, characterised in that it comprises: a conduit (2) having at least: a first opening (3), and a second opening (4), a blocking system (5) for blocking the conduit, making it possible to regulate the passage of fluids into the conduit (2), the blocking system (5) being configured to: allow fuel to flow from the first opening (3) to the second opening (4) only from a first pressure (P1) of said fuel, for the passage of a supply of fuel, and allow air to flow from the second opening (4) to the first opening (3) only from a second pressure (P2) of said air, for the passage of purge air the second pressure being greater than the first pressure.

No. of Pages: 21 No. of Claims: 7

(21) Application No.3286/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: HYDROGEN SULFIDE STREAM FOR CATALYST SULFIDATION FROM REFINERY RICH AMINES

:C01B3/00,C01B17/16,B01D53/14 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/801029 (32) Priority Date :13/03/2013 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2014/012905 Filing Date :24/01/2014 (87) International Publication No :WO 2014/143414

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1) CHEVRON U.S.A. INC.

Address of Applicant :6001 Bollinger Canyon Road, San Ramon

.California 94583 U.S.A. (72)Name of Inventor:

1) REYNOLDS, Bruce Edward;

(57) Abstract:

A process for the production of a H2S -enriched H gas stream without the need for H2S compression is disclosed. A slip stream of rich amine from a hydroprocessing unit is reduced in pressure and stripped with a hydrogen containing gas. The H2S content of the resulting gas stream can be readily controlled by adjusting the stripping pressure and/or hydrogen rate. The H2S- enriched H gas stream is suitable for the sulfidation of catalytically active metals.

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: COMPOSITION FOR FIXING WOUND ITEMS

(51) International classification	:C08F 283/01	(71)Name of Applicant :
(31) Priority Document No	:61/291,128	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:30/12/2009	Address of Applicant :1007 MARKET STREET, WILMINGTON,
(33) Name of priority country	:U.S.A.	DELAWARE 19898, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/062316	(72)Name of Inventor:
Filing Date	:29/12/2010	1)HERM, MICHAEL
(87) International Publication No	:WO 2011/082211	2)BOEHM, FRANK-RAINER
(61) Patent of Addition to Application Number	:NA	3)RICHTER, ANJA
Filing Date	:NA	4)GRUENE DE JONG, ULRIKE
(62) Divisional to Application Number	:NA	5)TRAPPMANN, BARBARA
Filing Date	:NA	6)RITTINGHAUS, VOLKER

(57) Abstract:

The invention provides a composition for fixing wound items comprising A) 5 to 90 wt% of at least one a, P-unsaturated polyester resin based on at least one unsaturated mono-, di- or tricarboxylic acids and/or mono-, di- or tricarboxylic acid group containing molecules, at least one polyol, at least one acrylic or methacrylic group containing component, B) 2 to 80 wt% of at least one monomeric andlor oligomeric ethylenically unsaturated component having a vapour pressure in a range of 0 to 1 mbar at 20C, preferred 0 to 0.5 mbar at 20C, C) 0.1 to 40 wt% of at least one monomeric and/or oligomeric unsaturated component different from B) having a vapour pressure in a range of 0 to 10 mbar at 20C, preferred 0 to 5 mbar at 20C, D) 0 to 15 wt% of at least one customary additive, and E) 0 to 30 wt% of at least one monomer andlor polymer containing epoxy or glycidyl ether or ester moieties, the wt% being based on the total weight of the composition. The composition of the present invention provides low curing emissions, low viscosities and excellent impregnation properties. After curing, these impregnation materials show high mechanical toughness levels even at elevated temperatures.

No. of Pages: 21 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :07/06/2012

(21) Application No.5041/DELNP/2012 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: PRESS IN PLACE SEAL

(51) International classification	:f16j 15/06	(71)Name of Applicant:
(31) Priority Document No	:61/287,771	1)CATERPILLAR INC.
(32) Priority Date	:18/12/2009	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(33) Name of priority country	:U.S.A.	ILLINOIS 61629, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/059605	(72)Name of Inventor:
Filing Date	:09/12/2010	1)STICKLING, CHRISTOPHER J.
(87) International Publication No	:WO 2011/075372	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A press-in-place or PIP seal has a length and a cross section. The cross section, when in an uncompressed state, includes a top portion that includes a first bead and a second bead. The top portion has a seal width. The cross section further includes a bottom portion having a third bead and a fourth bead. The bottom portion has a narrow width that is narrower than the seal width. A first side surface connects the third bead with the first bead and a second side surface connecting the fourth bead with the second bead. Figure 1

No. of Pages: 25 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :07/06/2012

(21) Application No.5042/DELNP/2012 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: PUMP ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:07/12/2010 :WO 2011/069708 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)GENTE, ARNOLD 2)GREINER, MATTHIAS
Filing Date	:NA	

(57) Abstract:

Described herein is a pump assembly (I), particularly for fuel injection systems of air-compressing, auto-igniting internal combustion engines, having a high-pressure pump (2), which has a high-pressure pump shaft (71, and a gear pump (3). In an embodi\$ni dUN 2012 coupling (12) is provided between the high-pressure pump shaft (7) and the gear pump shaft (8) of the gear pump (3) or a gear (10) of the gear pump (3), which has at least one sacrificial surface (2 1,22).

No. of Pages: 10 No. of Claims: 10

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: TELESCOPIC ENCLOSURE FOR ROD COUPLER

(51) International classification	:F04B 9/10	(71)Name of Applicant:
(31) Priority Document No	:61/262,669	1)GRACO MINNESOTA INC.
(32) Priority Date	:19/11/2009	Address of Applicant :88 11TH AVENUE NE, MINNEAPOLIS,
(33) Name of priority country	:U.S.A.	MINNESOTA 55413, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/057375	(72)Name of Inventor:
Filing Date	:19/11/2010	1)STUDT, NICHOLAS K.
(87) International Publication No	:WO 2011/063201	2)THEISEN, MATTHEW R.
(61) Patent of Addition to Application Number	:NA	3)MANGUS, RONALD W.
Filing Date	:NA	4)WHEELER, CHARLES J.
(62) Divisional to Application Number	:NA	5)ALLEN, BRIAN L.
Filing Date	:NA	6)PELLIN, CHRISTOPHER J.

(57) Abstract:

ENCLOSURE (16) FOR HOUSING A COUPLER (18) BETWEEN A DRIVING ROD (20) AND A DRIVEN ROD (22) COMPRISES A FIRST AND A SECOND PREFERABLY CYLINDRICAL PIECES (30, 28). SAID PIECES ARE SIZED SO THAT THE FIRST PIECE (30) IS ABLE TO SLIDE TELESCOPICALLY WITHIN THE SECOND PIECE (28) AND ARE THREADED TO ENGAGE EACH OTHER WHEN IN OPERATION THE ENCLOSURE (16) IS IN A CLOSE POSITION, THEREBY THE ENCLOSURE (16) BEING ABLE TO RETAIN LUBRICANT IN THE INSIDE. FOR SERVICE, AFTER HAVING DRAINED THE LUBRICANT FROM THE ENCLOSURE (161, THE TWO PIECES ARE LOOSENED BY SCREWING THE FIRST PIECE (30) UNTIL THE END OF THE THREAD IS REACHED, AND THEN THE FIRST PIECE (30) IS SLIDEABLY TELESCOPED INTO THE SECOND PIECE (281, THEREBY SETTING THE ENCLOSURE (16) IN AN OPEN POSITION AN ENABLING EASY ACCESS TO THE ROD COUPLER (18).

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEHTOD AND APPARATUS FOR GATEWAY SESSION ESTABLISHMENT

(32) Priority Date :0 (33) Name of priority country :U (86) International Application No :P Filing Date :3 (87) International Publication No :V (61) Patent of Addition to Application Number :N	61/292,224 05/01/2010 U.S.A. PCT/EP2010/068490 30/11/2010 WO 2011/082895 NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE - 164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)ROELAND, DINAND 2)NIELSEN, JOHAN 3)PANCORBO MARCOS, BELEN 4)TURANYI, ZOLTAN, RICHARD
Filing Date :N (62) Divisional to Application Number :N		1)2 CALLET (1, EGELLA)

(57) Abstract:

A method is provided for deploying a policy from a 3GPP core network to a non-3GPP access network. The policy relates to a connection established from a mobile terminal to the 3GPP core network via the non-3GPP access network. A local IP address is received (SI) at the 3GPP core network, the local IP address having been acquired by the mobile terminal during establishment of the connection. At the 3GPP core network, establishment of a policy control session is initiated (S3) from the 3GPP core network to the non-3GPP access network. The received local IP address is used to determine (S2a) e or to enable determination of (S2b) the non-3GPP access network used for the connection with reference to shared I P addressing information. The shared IP addressing information sets out different respective ranges of local IP addresses assigned to a plurality of such non-3GPP access networks. At the 3GPP core network, the policy is provided (S4) to the non-3GPP access network using the policy control session established as a result of the policy control session initiation step. The policy is for deployment in the non-3GPP access network in relation to the established connection. A method is also provided for use at the non-3GPP access network.

No. of Pages: 68 No. of Claims: 12

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: CEILING SYSTEM WITH INTEGRATED EQUIPMENT SUPPORT STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/08/2010 :WO 2011/049670 :NA :NA	(71)Name of Applicant: 1)HUNTAIR, INC. Address of Applicant:11555 S.W. MYSLONY STREET, TUALIATIN, OR 97062, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ZAREER CURSETJEE 2)KEVIN SCHREIBER 3)DAVID BAUGH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A modular air-handling plenum for capable of supporting surgical apparatus or other objects is disclosed. The plenum is usually rectangular, may be formed of sheet metal, and features a truss spanning the width of the plenum to carry the weight of the apparatus. The plenum itself is attached to the ceiling of a room. An air handling component may be included to provide filtered and/or conditioned air in the vicinity of the suspended apparatus, or the plenum may be used strictly as an apparatus support, with no air-conditioning function. An ordinary suspended ceiling may also be mounted in the plenum for continuity with the remainder of the room.

No. of Pages: 17 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3295/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: JOINT IMPLANT

(51) International classification	:A61F2/36,A61F2/40	(71)Name of Applicant:
(31) Priority Document No	:12185404.6	1)WALDEMAR LINK GMBH & CO. KG
(32) Priority Date	:21/09/2012	Address of Applicant :Barkhausenweg 10, 22339 Hamburg Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/068698	1)LINK, Helmut D.
Filing Date	:10/09/2013	
(87) International Publication No	:WO 2014/044574	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a joint implant (1; 100) for implantation into a bone. The implant comprises a stem (10) having a proximal section (11) and a distal section (15), at least two grooves (12) substantially extending in the longitudinal direction of the stem (10), a first coating (14) at least partially covering the surface (14) of said grooves (12) and a ridge (13), wherein the ridge is formed in between adjacent grooves (12), respectively. Further the apex surface (13a) of the ridge (13) has an average surface roughness that is lower than the average surface roughness of the first coating (14).

No. of Pages: 27 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3296/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: CABLE COMPRISING A PTFE COATING

(51) International classification	:C08K3/22,H01B3/10,H01B3/44	` / 11
(31) Priority Document No	:1260306	1)PRODUITS PLASTIQUES PERFORMANTS HOLDING - 3P
(32) Priority Date	:29/10/2012	HOLDING
(33) Name of priority country	:France	Address of Applicant :8 Route du Perollier, BP 34, F -69571
(86) International Application No	:PCT/FR2013/052589	DARDILLY cedex France
Filing Date	:29/10/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/068246	1)GARRAUD ,Emmanuel
(61) Patent of Addition to Application	.NIA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention concerns a cable comprising one or a plurality of cores coated with a coating comprising at least one layer (a) of a material made from polytetrafluoroethylene (PTFE) loaded to between 5% and 80% by weight, and at least one layer (b) of a material made from PTFE loaded to less than 8% by weight, the layer (b) being positioned outside the layer (a), and the method for preparing said cable and a kit for constructing said cable.

No. of Pages: 18 No. of Claims: 22

(21) Application No.3297/DELNP/2015 A

(43) Publication Date: 09/10/2015

(19) INDIA

(22) Date of filing of Application :20/04/2015

(54) Title of the invention: PUMP DEVICE COMPRISING A FLOW GUIDING ELEMENT

(51) Internation	onal classification	:F04D29/42,F04D29/44,F04D29/68	(71)Name of Applicant:
(31) Priority I	Document No	:12197150.1	1)SULZER MANAGEMENT AG
(32) Priority I	Date	:14/12/2012	Address of Applicant :Neuwiesenstrasse 15, CH- 8401 Winterthur
(33) Name of	priority country	:EPO	Switzerland
(86) Internation	onal Application No	:PCT/EP2013/074664	(72)Name of Inventor:
Filing D	ate	:26/11/2013	1)MEHLHORN, Steve
(87) Internation	onal Publication No	:WO 2014/090559	
(61) Patent of Application N Filing D	Number	:NA :NA	
(62) Division Number Filing D	al to Application ate	:NA :NA	

(57) Abstract:

The invention relates to a pump device comprising an impeller (10a; 10c), which is mounted to rotate about a rotational axis (11a; 11b; 11c) in order to convey a pumpable medium an inlet housing (12a), which opens out into a priming region (13a) upstream of the impeller (10a; 10c), and comprising a flow guiding element (14a; 14b), which is arranged at least partially inside the priming region (13a) and which is designed to guide the medium flowing towards the impeller (10a; 10c). According to the invention the at least one flow guiding element (14a; 4b; 14c 15c) is designed at least partially as an annular segment.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: TRACK FOR A TRACK BOUND VEHICLE

(51) International classification	:E01B 2/00	(71)Name of Applicant:
(31) Priority Document No	:0922313.2	1)BOMBARDIER TRANSPORTATION GMBH
(32) Priority Date	:21/12/2009	Address of Applicant :SCHOENEBERGER UFER 1 10785 BERLIN
(33) Name of priority country	:U.K.	GERMANY Germany
(86) International Application No	:PCT/EP2010/007987	(72)Name of Inventor:
Filing Date	:21/12/2010	1)VOLLENWYDER, KURT
(87) International Publication No	:WO 2011/076435	2)BAADE, MICHAEL
(61) Patent of Addition to Application Number	:NA	3)WORONOWICZ, KONRAD
Filing Date	:NA	4)SIEDMIOGRODZKI, KRIS
(62) Divisional to Application Number	:NA	5)SEIFFERT, HARRY
Filing Date	:NA	

(57) Abstract:

The invention relates to the building of a track for track bound vehicles, in particular for light rail vehicles, (a) A support element (304) for supporting an electric conductor arrangement, which is adapted to produce an alternating electromagnetic field and - thereby - to transfer electromagnetic energy vehicle on the track, wherein the support element (304) confines spaces (315, 317) for receiving lines and/or wires of the conductor arrangement; (b) an electrically conductive shield (355) for shielding the alternating electromagnetic field, wherein the shield (355) extends along a plane below the spaces, and; (c) a housing (21) for receiving a power supply device (31) for supplying electric power to the conductor arrangement, form a pre-fabricated track module.

No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: POLYMERS WITH LOW GEL CONTENT AND ENHANCED GAS-FADING

(51) International classification	:C08K 5/00	(71)Name of Applicant:
(31) Priority Document No	:12/604,981	1)CHEMTURA CORPORATION
(32) Priority Date	:23/10/2009	Address of Applicant :199 BENSON ROAD, MIDDLEBURY,
(33) Name of priority country	:U.S.A.	CONNECTICUT 06749, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/051036	(72)Name of Inventor:
Filing Date	:01/10/2010	1)HAYDER ZAHALKA
(87) International Publication No	:WO 2011/049728	2)MICHAEL E. GELBIN
(61) Patent of Addition to Application Number	:NA	3)MAURICE POWER
Filing Date	:NA	4)JONATHAN HILL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A polymer stabilizing composition comprising a sterically hindered phenol and a phosphite that provides low gel content and enhanced resistance to gas-fading. The stabilizer composition is particular useful for stabilizing polyethylene homopolymers and copolymers, such as linear low density polyethylenes produced from metallocene catalyst. The sterically hindered phenol is selected from the group consisting of 1,3,5-tris-(4-tert-butyl-3-hydroxy-2,6-dirnethylbenzyl)isocyanurate, 1,3,5-tris-(3,5-di-tert-butyl-4-hydroxybenzyl)isocyanurate, 1,3,5-tris-(4-t-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-Triazine-2,4,6-(1H,3H,5H)-trione, and 1,3,5-tris-(3,5-di-tert-butyl-4-hydroxybenzyl)-2,4,6-trimethylbenzene. The phosphite preferably is a liquid phosphite composition comprising two or more alkylated aryl phosphites.

No. of Pages: 35 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application: 17/04/2015

(21) Application No.3287/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: PIPELINE SYSTEMS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F15C1/16 :61/704206 :21/09/2012 :U.S.A. :PCT/US2013/061093 :21/09/2013 :WO 2014/047527 :NA :NA	(71)Name of Applicant: 1)NG1 TECHNOLOGIES LLC Address of Applicant: 2330 Mietaw Drive, Sarasota, FL 34239 U.S.A. (72)Name of Inventor: 1)NORD, Dustin, P. 2)O'DONNELL, Cynthia, L.
C		

(57) Abstract:

The present invention relates to a method and a device comprising a self - regulating pressure pipe for increasing a rate of a fluid flow of a fluid and configured to respond to the volume of the fluid or the viscosity of the fluid by decreasing or increasing the pressure within the self regulating pressure pipe.

No. of Pages: 45 No. of Claims: 21

(22) Date of filing of Application :18/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A WIRELESS RADIO COMMUNICATION SYSTEM FOR CONSUMPTION METERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01D4/00 :PA 2012 70585 :26/09/2012 :Denmark :PCT/DK2013/050273 :26/08/2013 :WO 2014/048434 :NA :NA :NA	(71)Name of Applicant: 1)MITORS APS Address of Applicant: Vitus Bering Innovation Park, Chr M **stergaardsvej 4, DK- 8700 Horsens Denmark* (72)Name of Inventor: 1)DRACHMANN ,Jens
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(57) Abstract:

A wireless radio communication system for consumption meters is disclosed, which communication system comprises one or more consumption meters arranged to be able to communicate using a first set of radio frequency bands, one or more mobile communication devices arranged to be able to communicate using a second set of radio frequency bands and one or more meter reading systems arranged to be able to communicate using a third set of radio frequency bands, wherein the first set of radio frequency bands comprises a HF band and a first VHF/UHF band, the second set of radio frequency bands comprises at least said HF band and a second VHF/UHF band, and the third set of radio frequency bands comprises at least said first VHF/UHF band.

No. of Pages: 17 No. of Claims: 10

(21) Application No.3289/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: FLOATING MARINE CURRENT TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/10/2013 :WO 2014/064067 :NA :NA :NA	(71)Name of Applicant: 1)TIDALYS Address of Applicant:Rue Louis Aragon, F- 50130 Cherbourg Octeville France (72)Name of Inventor: 1)LAVAL -JEANTET, Rmi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a floating marine current turbine (100) comprising: - floating means (102), a technical housing (104) resting on the floating means (102) above the water and in which a power generator is arranged, - a mast (106) that projects into the water under the technical housing (104), - a propeller (108) rotatably mounted on the base of the mast (106) about a horizontal axis of rotation, - transfer means that make it possible to transmit the rotational movement from the propeller (108) to the power generator, and - a manoeuvring system that is designed to raise or lower the mast (106) along a vertical axis relative to the technical housing (104).

No. of Pages: 15 No. of Claims: 10

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHODS AND REAGENTS FOR IMPROVED DETECTION OF AMYLOID BETA PEPTIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01N 33/68 :09382279.9 :11/12/2009 :EPO :PCT/EP2010/069474 :13/12/2010 :WO 2011/070174	(71)Name of Applicant: 1)ARACLON BIOTECH, S.L. Address of Applicant:PASEO DE SAGASTA, 17, 2, IZDA. 50008 ZARAGOZA, ESPANA Spain (72)Name of Inventor: 1)SARASA BARRIO JOSE MANUEL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to methods for the diagnostic of a neurodegenerative disease, for the detection of a stage prior to a neurodegenerative disease or for distinguishing neurodegenerative disease from a stage prior to a neurodegenerative disease based on the 10 level of certain pools of amyloid beta peptides which are either bound to plasma components or bound to blood cells as well as on certain calculated parameters which are obtained by an arithmetic combination of one or more of the arnyloid peptide levels. The invention relates as well to kits for carrying out the above method.

No. of Pages: 89 No. of Claims: 17

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PH CONTROLLED YEAST PROPAGATION

(51) International classification :C12N1/16,C12N1/22,C12P7/16 (71)Name of Applicant : (31) Priority Document No 1)DSM IP ASSETS B.V. :12191660.5 (32) Priority Date :07/11/2012 Address of Applicant :Het Overloon 1, NL- 6411 TE Heerlen (33) Name of priority country :EPO Netherlands (86) International Application No :PCT/EP2013/072871 (72)Name of Inventor: Filing Date :01/11/2013 1)DE BRUIJN, Hans Marinus Charles Johannes (87) International Publication No :WO 2014/072232 2)KLAASSEN, Paul (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a process for the aerobic propagation of yeast wherein the yeast is grown in a reactor comprising the following steps: a) filling the reactor with carbon source and an initial yeast population, b) optionally growing the initial yeast population in the reactor in batch mode, c) measuring the pH in the reactor, d) adding lignocellulosic hydrolysate to the reactor in fed batch mode at a rate to set the pH in the reactor at a predetermined value, and e) after sufficient propagation, isolation of yeast from the reactor. The invention further relates to yeast propagated according to that propagation process and to a process for the production of fermentation product wherein sugar comprising hexose and pentose is anaerobically fermented to fermentation product with the propagated yeast.

No. of Pages: 31 No. of Claims: 20

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR OLIGOMERIZATION OF ETHYLENE

(51) International classification	:C07C2/36,B01J31/18	(71)Name of Applicant:
(31) Priority Document No	:12194589.3	1)SAUDI BASIC INDUSTRIES CORPORATION
(32) Priority Date	:28/11/2012	Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(33) Name of priority country	:EPO	2)Linde AG
(86) International Application No	:PCT/EP2013/002670	(72)Name of Inventor:
Filing Date	:05/09/2013	1)SAUDI BASIC INDUSTRIES CORPORATION
(87) International Publication No	:WO 2014/082689	2)Linde AG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the oligomerization of ethylene, comprising the steps of: a) oligomerizing of ethylene in a reactor in the presence of solvent and catalyst; b) transferring reactor overhead effluent to an externally located cooling device and recycling condensed effluent into the reactor; c) transferring the reactor bottom effluent to a series of fractionation columns and, in the following order, i) optionally separating C6 fraction, iii) separating C6 fraction, iii) simultaneously separating C8 and C10 fractions and recycling thereof into the reactor, and iv) separating residues comprising \geq C12 fractions, spent catalyst, polymer material and quench media, from the process, wherein the solvent is separated in any of the steps i) -iv) and/or in an additional step.

No. of Pages: 20 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: CONVEYING DEVICE FOR BAG BODIES

(51) International classification	:B31B1/08,B31B29/02,B65G21/20	(71)Name of Applicant:
(31) Priority Document No	:12185667.8	1)STARLINGER & CO GESELLSCHAFT M.B.H.
(32) Priority Date	:24/09/2012	Address of Applicant :Sonnenuhrgasse 4, A- 1060 Wien Austria
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/068309	1)GRILL, Hannes
Filing Date	:04/09/2013	
(87) International Publication No	:WO 2014/044534	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(21) Application No.3294/DELNP/2015 A

(57) Abstract:

A device (1) for conveying tubular bag bodies (10), which preferably have a fabric of stretched plastic strips or a plastic film or a composite material consisting of the fabric and the film, comprises a transport device (2), on which the bag bodies (10) can be transported with the tube walls (10a, 10b) lying against one another at a transport speed (V) in a transport direction (T), and at least one guide strip (30) arranged along the transport device (2) in the transport direction (T). The guide strip has a compressed air duct (31) and air jets (32, 37) fed from said compressed air duct, wherein said air jets are oriented such that they generate an air flow (L) directed substantially transversely to the transport direction (T).

No. of Pages: 18 No. of Claims: 9

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVED INTERMODAL RAIL VEHICLE TO FORM A TRAIN

(51) International classification	:B61D 17/00	(71)Name of Applicant:
(31) Priority Document No	:61/267,226	1)RAILRUNNER N.A. INC.
(32) Priority Date	:07/12/2009	Address of Applicant :430 BEDFORD STREET, SUITE 370,
(33) Name of priority country	:U.S.A.	LEXINGTON, MASSACHUSETTS 02420, UNITED STATES OF
(86) International Application No	:PCT/US2010/059240	AMERICA U.S.A.
Filing Date	:07/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/071887	1)WICKS, HARRY O.
(61) Patent of Addition to Application Number	:NA	2)DILUIGI, MICHAEL, W.
Filing Date	:NA	3)MAGRI, JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The improved intermodal vehicle has a one-piece upper frame assembly with a horizontal load carrying surface below the ends of a drawbar for connecting the trailers. Each highway trailer has a coupler socket assembly at both its front and rear into which the drawbar enters and connects to the intermodal vehicle by a vertical coupling pin projecting upward from the horizontal load carrying surface. The coupling pin is operated up and down by either manual or air operated actuators, and locks in the up position by a manually operated safety latch. The upper frame is supported from dual steerable lower frames by primary air springs so that when the springs are deflated, the upper frame is lowered to allow the trailers to be pushed upon the load carrying surface. When the air springs are inflated, the trailers are raised so that the trailer wheels are carried above the railroad track.

No. of Pages: 47 No. of Claims: 19

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: LED CURING OF RADIATION CURABLE OPTICAL FIBER COATING COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:16/12/2010	(71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS Netherlands (72)Name of Inventor: 1)BISHOP, TIMOTHY
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/075549 :NA :NA :NA :NA	2)GAN, KEQI

(57) Abstract:

A radiation curable coating composition for an optical fiber comprising: at least one urethane (meth) acrylate oligomer, at least one reactive diluent monomer and at least one photo initiator is described and claimed. The composition is capable of undergoing photopolymerization when coated on an optical fiber and when irradiated by a light emitting diode (LED) light, having a wavelength from about 100 nm to about 900nm, to provide a cured coating on the optical fiber, with the cured coating having a top surface, and the cured coating having a Percent Reacted Acrylate Urrsaturation (%RAU) at the top surface of about 60% or greater. Also described and claimed are the process to coat an optical fiber with the LED curable coating for optical fiber and a coated optical fiber where the coating has been cured by application of LED light.

No. of Pages: 73 No. of Claims: 15

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PROPPANT HAVING A GLASS-CERAMIC MATERIAL

(51) International classification	:B32B 17/02	(71)Name of Applicant :
(31) Priority Document No	:61/289,014	1)OXANE MATERIALS, INC.
(32) Priority Date	:22/12/2009	Address of Applicant :467 WEST 38TH STREET, PINE FOREST
(33) Name of priority country	:U.S.A.	OFFICE BUILDING #21, HOUSTON, TEXAS 77018, UNITED
(86) International Application No	:PCT/US2010/060029	STATES OF AMERICA U.S.A.
Filing Date	:13/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/078985	1)XIE, YUMING
(61) Patent of Addition to Application Number	:NA	2)CHATTERJEE, DILIP
Filing Date	:NA	3)COKER, CHRISTOPHER E.
(62) Divisional to Application Number	:NA	4)FANG, CHRISTOPHER Y.
Filing Date	:NA	

(57) Abstract:

The present invention relates to glass-ceramic proppants which can be used to prop open subterranean formation fractions, as well as other uses. Proppant formulations are further disclosed which use one or more proppants of the present invention. Methods to prop open subterranean formation fractions are further disclosed. In addition, other uses for the proppants of the present invention are further disclosed, as well as methods of making the glass-ceramic proppants.

No. of Pages: 60 No. of Claims: 76

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: RESONANT CIRCUIT AND RESONANT DC/DC CONVERTER

(51) International classification	:H02M 3/28	(71)Name of Applicant:
(31) Priority Document No	:61/287,210	1)ELTEK AS
(32) Priority Date	:17/12/2009	Address of Applicant :P.O. BOX 2340 STR MS, N - 3003
(33) Name of priority country	:U.S.A.	DRMMEN, NORWAY Norway
(86) International Application No	:PCT/NO2010/000453	(72)Name of Inventor:
Filing Date	:09/12/2010	1)BOYSEN, KJETIL
(87) International Publication No	:WO 2011/074976	2)MYHRE, ROAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a resonant circuit (20). The resonant circuit is comprising three resonant circuit input nodes (1 1, 12, 13) and three resonant circuit output nodes (21, 22, 23) a transformer device and resonant tank devices. The transformer device (TR) comprises tree primary windings (LP1, LP2, LP3) and three secondary windings (LS 1, LS2, LS3) magnetically connected to each other, 10 where the three secondary windings (LSI, LS2, LS3) are connected to the three resonant circuit output nodes (21,22, 23). The first, second and third resonant tank devices (RT1, RT2, RT3) are each connected between the respective three resonant circuit input nodes (1 1, 12, 13) and the respective primary windings (LP 1, LP2, LP3). The invention also relates to a resonant DC-DC converter comprising such a 15 resonant circuit (20). Fig. 2

No. of Pages: 25 No. of Claims: 11

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: RESONANT CIRCUIT AND RESONANT DC/DC CONVERTER

(51) International classification(31) Priority Document No	:H02M 3/28 :61/287,210	(71)Name of Applicant : 1)ELTEK AS
(32) Priority Date (33) Name of priority country	:17/12/2009 :U.S.A.	Address of Applicant :P.O. BOX 2340 STR~MS~, N - 3003 DRMMEN, NORWAY Norway
(86) International Application No	:PCT/NO2010/000454	(72)Name of Inventor:
Filing Date	:10/12/2010	1)BOYSEN, KJETIL
(87) International Publication No	:WO 2011/074977	2)MYHRE, ROAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a resonant circuit (20). The resonant circuit is 5 comprising three resonant circuit input nodes (1 1, 12, 13) and three resonant circuit I output nodes (21, 22, 23) a transformer device and resonant tank devices. The transformer device (TR) comprises tree primary windings (LPI, LP2, LP3) and three secondary windings (LS1, LS2, LS3) magnetically connected to each other, where the three secondary windings (LSI, LS2, LS3) are connected to the three 10 resonant circuit output nodes (21, 22, 23). The first, second and third resonant tank devices (RT1, RT2, RT3) are each connected between the respective three resonant circuit input nodes (1 1, 12, 13) and the respective primary windings (LP I, LP2, LP3). The invention also relates to a resonant DC-DC converter comprising such a resonant circuit (20).

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: BLOW- MOULDING OF OSTOMY BAGS

(51) International classification	:B29C49/06,B29C49/24,B29C49/20	` '
(31) Priority Document No	:PA 2012 70644	1)COLOPLAST A/S
(32) Priority Date	:23/10/2012	Address of Applicant :Holtedam 1, DK -3050 Humlebaek Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor:
(86) International Application No	:PCT/DK2013/050339	1)OEELUND, Jakob
Filing Date	:22/10/2013	
(87) International Publication No	:WO 2014/063709	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract:

An ostomy collecting bag is provided. The collecting bag has a continuous wall with a curvature instead of sealed edges. The collecting bag is truly three- dimensional. The collecting bag may be obtained by injection blow -moulding or extrusion blow -moulding. Methods of producing an ostomy collecting bags by either injection blow- moulding or extrusion blow- moulding is also provided. In injection blow- moulding, a pre-form is injection moulded and subsequently the pre-form is blow- moulded into an ostomy collecting bag. In extrusion blow- moulding, a tube is extruded and subsequently blow- moulded into an ostomy collecting bag can thus be made without seals at the edges, which provides a more flexible collecting bag with a larger interior volume.

No. of Pages: 30 No. of Claims: 31

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF CLEANING A LIQUID FLUID FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01D65/02 :12197645.0 :18/12/2012 :EPO :PCT/EP2013/075062 :29/11/2013	(71)Name of Applicant: 1)GRUNDFOS HOLDING A/S Address of Applicant:Poul Due Jensens Vej 7- 11, DK- 8850 Bjerringbro Denmark (72)Name of Inventor: 1)DENNING .Lars
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/095302 :NA :NA :NA :NA	2)D'ANTONÍO ,Sbastien

(57) Abstract:

A method of cleaning a liquid fluid filter (2) by means of a at least one cleaning process (BW) , wherein said cleaning process (BW) is started after a predetermined time period of operation of the filter or a predetermined amount of liquid filtered ,characterized by detecting a first transfilter pressure value (TMP) between both sides of the filter (2) at a first point in time and detecting a second transfilter pressure value (TMP) between both sides of the filter (2) at a second point in time ,calculating a difference value (Δ TMP1, Δ TMP2) of the two detected transfilter pressure values (TMP), comparing said difference value (Δ TMP1, Δ TMP2) with a limit value XX , decreasing said predetermined time period or said predetermined amount of liquid to be filtered between two starts of said cleaning process BW if said limit value XX is exceeded by said difference value (Δ TMP1, Δ TMP2).

No. of Pages: 38 No. of Claims: 16

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: MILK-BASED ALTERNATIVE PRODUCT AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:09386036.9	1)CRETA FARM SOCIETE ANONYME INDUSTRIAL AND
(32) Priority Date	:11/12/2009	COMMERCIAL trading as CRETA FARM S.A.
(33) Name of priority country	:EUROPEAN	Address of Applicant: 15th km National Road Rethymnon -
(55) Name of priority country	UNION	Heraklion Latzimas of Arcadi 74100 Rethymnon Greece Greece
(86) International Application No	:PCT/EP2010/069282	2)MEVGAL S.A DAIRY PRODUCT INDUSTRY trading as
Filing Date	:09/12/2010	MEVGAL S.A.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DOMAZAKIS Emmanouil
Filing Date	:NA	2)PAPADAKIS Peter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention concerns the production of a milk-based alternative product using edible oil to substitute at least part of the milk fat. In particular the present invention concerns the production of a cheese alternative product an ice cream alternative product a custard alternative product or a chilled or frozen dessert alternative product using an edible oil to substitute at least part of the milk fat. Further a milk based alternative product in particular a cheese alternative product an ice cream alternative product a custard alternative product or a chilled or frozen dessert alternative product and the use of an edible oil in particular olive oil for the production of the milk-based alternative product are disclosed. Figure 1

No. of Pages: 33 No. of Claims: 18

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: INTEGRATED REACTANCE MODULE

(51) International classification	:H01F 27/38	(71)Name of Applicant:
(31) Priority Document No	:PL389907	1)AKADEMIA GORNICZO-HUTNICZA IM.
(32) Priority Date	:14/12/2009	Address of Applicant :AL. MICKIEWICZA 30 PL-30-059
(33) Name of priority country	:Poland	KRAKOW, POLAND Poland
(86) International Application No	:PCT/EP2010/069552	(72)Name of Inventor:
Filing Date	:13/12/2010	1)WOREK, CEZARY
(87) International Publication No	:WO 2011/073156	2)MASLANKA, ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an integrated reactance module comprising a magnetic core and a plurality of windings of reactance elements. It has at least two windings of reactance elements (LI), (L2) ...(LN) situated in a common magnetic element (EM) and separated from each other by 10 means of magnetic flux conductors (SM) constituting an integral part of the magnetic element (EM), which is configured to concentrate magnetic field lines generated by the reactance elements (LI), (L2)...(LN).

No. of Pages: 11 No. of Claims: 2

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: NUTRITIONAL COMPOSITION FOR PROMOTING SATIETY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/715459 :14/12/2012 :U.S.A. :PCT/US2013/065555 :18/10/2013 :WO 2014/092861	(71)Name of Applicant: 1)MJN U.S. HOLDINGS LLC Address of Applicant: 2701 Patriot Blvd., 4th Floor, Glenview, Illinois 60026 U.S.A. (72)Name of Inventor: 1)POELS, Eduard K. 2)RUDOLPH, Colin
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/092861 :NA :NA :NA	2)RUDOLPH ,Colin 3)VAN DAEL ,Peter 4)WITTKE, Anja 5)MCMAHON ,Robert J.
Filing Date	:NA	

(57) Abstract:

Provided herein are nutritional compositions comprising a protein source, a fat source, a carbohydrate source, and at least one nucleotide, wherein the protein source comprises at least one free amino acid, wherein the at least one free amino acid comprises a glutamate salt, glutamic acid, taurine, glutamine, alanine, or any combination thereof. Also provided herein are methods of promoting satiety, preventing or reducing the incidence of overweight or obesity, or preventing or reducing the incidence of diabetes in a subject comprising administering to a subject a nutritional composition comprising a protein source, a fat source, a carbohydrate source, and at least one nucleotide, wherein the protein source comprises at least one free amino acid, wherein the at least one free amino acid comprises a glutamate salt, glutamic acid, taurine, glutamine alanine, or any combination thereof.

No. of Pages: 27 No. of Claims: 20

(22) Date of filing of Application :20/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: MILK BASED NUTRITIONAL COMPOSITIONS CONTAINING LACTOFERRIN AND USES THEREOF

(51) International classification :A23L1/305,A23L1/308,A23J1/20 (71)Name of Applicant : (31) Priority Document No :13/718695

(32) Priority Date :18/12/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/067223 Filing Date :29/10/2013

(87) International Publication No :WO 2014/099134

(61) Patent of Addition to Application :NA Number

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)MJN U.S. HOLDINGS LLC

Address of Applicant :2701 Patriot Blvd., 4th Floor, Glenview

Illinois 60026 U.S.A. (72)Name of Inventor: 1)WITTKE, Anja;

(57) Abstract:

The present disclosure relates to milk based nutritional compositions comprising lactoferrin and/or a prebiotic component wherein when combined the lactoferrin and prebiotic component may exhibit additive or synergistic beneficial effects on the health and development of a pediatric subject. The disclosure further relates to methods comprising the administration of said milk based nutritional compositions to pediatric subjects.

No. of Pages: 58 No. of Claims: 20

(21) Application No.3304/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: BALLASTED FIXED TILT RACKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F24J2/52 :61/719651 :29/10/2012 :U.S.A. :PCT/US2013/067178 :29/10/2013 :WO 2014/070697 :NA	(71)Name of Applicant: 1)SUNEDISON LLC Address of Applicant:12500 Baltimore Avenue, Beltsville, Maryland 20705 U.S.A. (72)Name of Inventor: 1)NEEDHAM, Christopher 2)MALAPAREDDY, Bharat
` '		2)MALAPAREDDY, Bharat

(57) Abstract:

A fixed tilt racking system for mounting solar modules to a structure is disclosed. The fixed tilt racking system has a support rack, a ballast, and a solar module. The support rack includes a pair of trusses a crossbeam connecting the forward portions of each truss, and a frame assembly connecting the rearward portions of each truss. The ballast is attached to and extends across a back section of the frame assembly. The solar module is connected to both the crossbeam and the frame assembly.

No. of Pages: 25 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : USER EQUIPMENT, METHOD FOR PERFORMING HANDOVER, BASE STATION, AND RADIO COMMUNICATION SYSTEM

(51) International classification	:H04W 36/08	(71)Name of Applicant:
(31) Priority Document No	:2009-285372	1)SONY CORPORATION
(32) Priority Date	:16/12/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 108-
(33) Name of priority country	:Japan	0075, JAPAN Japan
(86) International Application No	:PCT/JP2010/007091	(72)Name of Inventor:
Filing Date	:06/12/2010	1)HIROAKI TAKANO
(87) International Publication No	:WO 2011/074203	2)TAKUSHI KUNIHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mobile station in a wireless communication network. The mobile station including a radio communication unit that communicates with a frst base station via a plurality of component carriers, and a control unit that controls the radio communication unit to initiate a handover procedure to a second base station after receiving at least one handover command.

No. of Pages: 61 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PROCESS FOR INITIATING A HIGHLY SELECTIVE ETHYLENE OXIDE CATALYST

(51) International classification	:C07D 301/10	(71)Name of Applicant :
(31) Priority Document No	:61/289,719	1)SCIENTIFIC DESIGN COMPANY INC.
(32) Priority Date	:23/12/2009	Address of Applicant :49 INDUSTRIAL AVENUE, LITTLE
(33) Name of priority country	:U.S.A.	FERRY, NEW JERSEY 07643, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/061192	U.S.A.
Filing Date	:20/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/079056	1)NABIL RIZKALLA
(61) Patent of Addition to Application Number	:NA	2)NORMA B. CASTAGNOLA
Filing Date	:NA	3)GIRISH DESAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A start-up process for epoxidation of ethylene is provided. The process includes initiating an epoxidation reaction by reacting a feed gas composition in the presence of an epoxidation catalyst at a first temperature of about 180 C to about 210 C. The first temperature is increased to a second temperature of about 230°C to about 290°C, over a time period of about 6 hours to about 50 hours, while simultaneously adding a sufficient concentration of moderator so that the amount of moderator adsorbed on the catalyst after achieving the second temperature is from about 10 to about 50 g/m3 of catalyst. The second temperature is maintained for about 50 hours to about 350 hours, while regulating the feed gas composition to contain about 0.5% to about 25% C02. The second temperature is decreased to a third temperature, while simultaneously increasing moderator concentration to a level greater than the sufficient concentration.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: COLOR-STABILIZED IODOPROPYNYL BUTYLCARBAMATE

(51) International classification	:A01N25/28	(71)Name of Applicant:
(31) Priority Document No	:13/716189	1)TROY CORPORATION
(32) Priority Date	:16/12/2012	Address of Applicant :8 Vreeland Road, Florham Park ,NJ 07932
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/042939	(72)Name of Inventor:
Filing Date	:28/05/2013	1)WILKEN, Jorg, Thomas
(87) International Publication No	:WO 2014/092766	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Microparticles containing an ultraviolet light absorbing polymer and 3- iodo -2- propynyl butylcarbamate (IPBC) resist discoloration by sunlight and other ultraviolet light sources. Methods for preparing the microparticles produce polymer shielded, formaldehyde- free IPBC formulations which resist discoloration and leaching and are especially useful in water- based applications. The microparticles include a polymer that absorbs light over a range of ultraviolet wavelengths associated with IPBC discoloration. The microparticles may be utilized in paints, stains, stuccoes, adhesives, and plastics for example.

No. of Pages: 30 No. of Claims: 22

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: DISPLAY CONTROL DEVICE, DISPLAY CONTROL METHOD, AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/12/2010 :WO 2011/074446 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN Japan (72)Name of Inventor: 1)TETSUJI OGATA
Filing Date	:NA	

(57) Abstract:

The present invention relates to a display control device, a display control method, and a program, enabling realization of various playing display using frame images subjected to compositing processing as a motion transition image. A recording medium has recorded therein, as a series of recording frame image data, each of composited image data generated by sequentially performing image compositing processing for each input of frame image data, each of composited image data being enabled of moving image display in which a moving subject image in each frame image data is sequentially placed so as to be arrayed in a predetermined direction, with each recording frame image data being playable. In accordance with operation of an operation input unit such as a touch panel, a frame position to be played is determined out of the series of recording frame image data, and playing of the recording frame image data at the determined frame position is executed. Thus, a scene which the user desires to view out of the motion transition image can be easily viewed.

No. of Pages: 145 No. of Claims: 13

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: PROCESS FOR OLEFIN OXIDE PRODUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D 301/10 :61/287,441 :17/12/2009 :U.S.A. :PCT/US2010/060785 :16/12/2010 :WO 2011/084606 :NA :NA	(71)Name of Applicant: 1)SCIENTIFIC DESIGN COMPANY INC. Address of Applicant: 49 INDUSTRIAL AVENUE, LITTLE FERRY, NEW JERSEY 07643, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)HOWARD SACHS 2)ANDRZEJ ROKICKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for the epoxidation of an olefin is disclosed which includes: reacting a feed gas composition containing an olefin, oxygen, and a moderator selected from the group consisting of diatomic chlorine and perhalogenated hydrocarbons, in the presence of an epoxidation catalyst.

No. of Pages: 18 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : RETROFIT OF SIMPLE CYCLE GAS TURBINE FOR COMPRESSED AIR ENERGY STORAGE APPLICATION HAVING EXPANDER FOR ADDITIONAL POWER GENERATION

(51) International classification	:F02C 6/16	(71)Name of Applicant:
(31) Priority Document No	:12/632,841	1)MICHAEL NAKHAMKIN
(32) Priority Date	:08/12/2009	Address of Applicant :40 WOODMAN LANE, BASKING RIDGE,
(33) Name of priority country	:U.S.A.	NEW JERSEY 07920, USA U.S.A.
(86) International Application No	:PCT/US2010/054382	(72)Name of Inventor:
Filing Date	:28/10/2010	1)MICHAEL NAKHAMKIN
(87) International Publication No	:WO 2011/071609	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Compressed Air Energy Storage (CAES) system iccludes a first combustion turbine assembly (42) having a shaft (52) coupled to a motor (54), a compressor (44) and a debladed turbine element (46). A second combustion turbine assembly (68) has a shaft (74) coupled to an electrical generator (80), a turbine (70) and a debladed compressor (72). A first interconnection (58) is from an output of the compressor (44) of the first combustion turbine assembly to an air storage (66). A second interconnection (87) is from the air storage to the turbine (70) of the second combustion turbine assembly for producing power. An expander (88) and an electrical generator (94) are provided. A third interconnection (90) is from the air storage (66) to the expander (88). A source of heat preheats compressed air in the third interconnection. A fourth interconnection (96) is from the expander to the turbine (70).

No. of Pages: 19 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: PREPARATION OF N-MONOFLUOROALKYL TROPANES

(51) International classification	:C07D 451/02	(71)Name of Applicant:
(31) Priority Document No	:61/287,264	1)GE HEALTHCARE LIMITED
(32) Priority Date	:17/12/2009	Address of Applicant :AMERSHAM PLACE, LITTLE CHALFONT
(33) Name of priority country	:U.S.A.	BUCKINGHAMSHIRE HP7 9NA, GREAT BRITAIN U.K.
(86) International Application No	:PCT/EP2010/069758	(72)Name of Inventor:
Filing Date	:15/12/2010	1)LORENZO WILLIAMS
(87) International Publication No	:WO 2011/073256	2)GUNNAR KEILEN
(61) Patent of Addition to Application Number	:NA	3)JARLE ANDRE HAUGAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved synthesis of N-monofluoroalkyl tropanes using fluoroalkyl iodides or fluoroalkyl sulfonate esters. The invention also provides the use of such method to prepare the non-radioactive tropane intermediate FP-CIT, and its subsequent conversion to the 23-labelledra diopharmaceutical D T S C A N $\,$ (1231-ioflupane). Also provided is the use of fluoroalkyl iodides or fluoroalkyl 10 sulfonate esters in the alkylation method of the invention.

No. of Pages: 18 No. of Claims: 12

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF POLYURETHANE COMPOSITE COMPONENTS AND THESE COMPOSITE CMNS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B29C 45/16 :10 2009 057 136.1 :08/12/2009 :Germany :PCT/EP2010/069117 :08/12/2010 :WO 2011/070043 :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: CREATIVE CAMPUS MONHEIM, BLDG. 4865, ALFRED-NOBEL-STR. 10, D-40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)ANDREAS SEIDEL 2)RAINER PROTTE 3)ECKHARD WENZ 4)ULI FRANZ
(62) Divisional to Application Number Filing Date	:NA :NA	4)ULI FRANZ 5)PHILIPP MOLLER

(57) Abstract:

The invention relates to a process for the production of a composite component, comprising a) a support of a thermo-..l asticc omposition, and b) at least one polyurethane layer in direct contact with the support, in which:(i) in a first process step the melt of the thermoplastic composition is injected into a first mould caviity and is subsequently cooled, (ii) in a second process step the cavity of the injection mould is enlarged and a gap is thereby generated, (iii) in the third process step a reactive polyurethane raw material mixture comprising - at least one polyisocyanate component, - at least one polyfunctional H-active compound, and - optionally at least one polyurethane additive andlor process auxiliary substance is injected into the gap resulting in this way between the thermoplastic component and the mould surface of the enlarged cavity, the polyurethane raw material mixture polymerizing completely in contact with the surface of the thermoplastic support to give a compact polyurethane layer or to give a polyurethane foam layer, (iv) in the fourth process step the composite component is removed from the mould cavity, the process steps following one another directly.

No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: COMPOSITE \ COMPONENTS \ WITH \ IMPROVED \ ADHESION \ OF \ POLYCARBONATE/POLYESTER \ COMPOSITIONS \ AND \ POLYURETHANE$

(51) International classification	:B32B 27/08	(71)Name of Applicant:
(31) Priority Document No	:102009057138.8	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:08/12/2009	Address of Applicant :CREATIVE CAMPUS MONHEIM, BLDG.
(33) Name of priority country	:Germany	4865, ALFRED-NOBEL-STR 10, D-40789 MONHEIM, GERMANY
(86) International Application No	:PCT/EP2010/069119	Germany
Filing Date	:08/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/070044	1)THOMAS ECKEL
(61) Patent of Addition to Application Number	:NA	2)ANDREAS SEIDEL
Filing Date	:NA	3)ULI FRANZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to composite components comprising a) a support of a thermoplastic composition comprising: A) at least one polymer chosen from the group of aromatic polycarbonates, aromatic polyester carbonates and aromatic polyesters in a content of [A] of from 20.0 to 85.0 parts by wt., based on the sum of components A and B; B) at least one rubber-modified vinyl (co)polymer in a content of [B] of from 15.0 to 80.0 parts by wt., based on the sum of components A and B, with a rubber content [RBI of at least 25.0 parts by wt., based on component B, and C) at least one polymer additive in a content of [C] of fiom 0 to 30.0 parts by wt., based on the sum of components A to C, and b) at least one polyurethane layer, wherein the thermoplastic composition is characterized by a total rubber content, based on the sum of components A and B, of at least 12 parts by wt.

No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: TIRE BEAD FOR HEAVY CIVIL ENGINEERING VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60C 15/06 :0958993 :15/12/2009 :France :PCT/EP2010/069080 :07/12/2010	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON 63000 CLERMONT- FERRAND-FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/073058 :NA :NA :NA :NA	(72)Name of Inventor : 1)LUCIEN BONDU

(57) Abstract:

The invention relates to improving the endurance of beads of a radial tyre for a heavy vehicle of the civil engineering type, by blocking the cracks that are initiated in the carcass reinforcement upturn end zone and that are propagated in the surrounding polymer materials, causing the deterioration of the bead over time. According to the invention, a binding element (23), consisting of at least two layers of binding consisting of reinforcement elements made of textile material, is in continuous contact with the carcass reinforcement upturn (21 1) between a first point of contact (A2) on the axially inner face (21 la) of carcass reinforcement upturn, corresponding to a first end (12) of the binding element, and a last point of contact (B2) on the axially outer face (21 1 b) of the carcass reinforcement upturn. FIG. 2

No. of Pages: 22 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3310/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: BUSBAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60M1/24 :10 2012 021 358.1 :02/11/2012 :Germany :PCT/EP2013/072695 :30/10/2013 :WO 2014/067989 :NA :NA :NA	(71)Name of Applicant: 1)FURRER + FREY AG Address of Applicant: Thunstrasse 35, CH -3000 Bern 6 Switzerland (72)Name of Inventor: 1)FURRER, Beat
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(57) Abstract:

The busbar for holding a contact wire of electrically driven vehicles has an elongate, integral box profile which is slotted in the longitudinal direction and has two mutually opposite spring- elastic tensioning arms and spring- elastic clamping arms fitted at the ends of the tensioning arms. In order to prevent corrosion as the result of condensation water, bores (26, 27) are introduced into the clamping arms (7, 8) and are close to tips (9, 10) of the clamping arms, which tips are held by a contact wire (2). Preferably, these bores (26, 27) are fitted in pairs and have a distance of one third of the total length of the busbar from the respective end of the busbar.

No. of Pages: 11 No. of Claims: 8

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRANSPARENT VAPOR- DEPOSITED FILM

(31) Priority Document No :20122 (32) Priority Date :28/09/ (33) Name of priority country :Japan (86) International Application No Filing Date :26/09/	Address of Applicant: 1- 1, Ichigaya- Kaga- cho 1, chome ,Shinjuku- ku ,Tokyo 1628001 Japan (72)Name of Inventor:
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(57) Abstract:

Employed is a roller- type continuous vapor- deposited film forming device in which a film- forming section and a preprocessing section provided with a plasma preprocessing device are arranged in series at a distance from each other. With a substrate transported at a high speed, plasma (P) is supplied to the substrate surface side while set to an electrically positive potential by a plasma preprocessing means for supplying the plasma toward the substrate (S) in a space enclosed in a preprocessing roller, and enclosed in a plasma supply means for supplying a plasma- forming gas and in a magnet (21), which is a magnetism formation means. An active preprocessed surface is formed on the surface of the substrate (S). An inorganic oxide vapor -deposited film having as a principal component thereof an aluminum oxide containing AL- C covalent bonds is immediately formed at high speed in succession on the preprocessed surface of the substrate to produce a highly adhesive transparent vapor- deposited film.

No. of Pages: 111 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: CIRCUIT MODULE AND METHOD FOR PRODUCING SUCH A CIRCUIT MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/12/2010 :WO 2011/070015 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)MAZINGUE-DESAILLY, STEPHAN 2)MUELLER, MICHAEI
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A circuit module (10) having a circuit carrier (12), at least one circuit (14) mounted on the circuit carrier (12), which is encapsulated by a protective material (16), and at least one electrical/electronic component (18) encapsulated by a protective coating (20) protecting the at least one electrical/electronic component (18) from the protective material (16). In an embodiment, the protective coating (20) protecting the at least one electrical/electronic component (18) is only partially encapsulated by the protective material (16).

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: PRODUCTION OF IFN-LAMBDA BY CONVENTIONAL DENDRITIC CELLS AND USES THEREOF

(51) International classification	:C12N 15/117	(71)Name of Applicant:
(31) Priority Document No	:61/287,777	1)BAVARIAN NORDIC A/S
(32) Priority Date	:18/12/2009	Address of Applicant :HEJRESKOVVEJ, 10A, DK-3490
(33) Name of priority country	:U.S.A.	KVISTGAARD, DENMARK Denmark
(86) International Application No	:PCT/EP2010/007751	(72)Name of Inventor:
Filing Date	:17/12/2010	1)HOCHREIN, HUBERTUS
(87) International Publication No	:WO 2011/072871	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention, CD8+ conventional dendritic cells (CD8+ cDCs) and equivalents thereof (eCD8+ cDCs) in mouse and human have been established as major source of IFN-lambda (IFN-A) in response to double-stranded (ds) nucleic acids. The invention relates to therapeutic applications of ds nucleic acids or analogs thereof targeting CD8+ andlor eCD8+ cDCs in the prevention andlor treatment of infectious diseases, preferably viral infections, or cancer. Furthermore, the invention relates to an in vitro method for producing IFN-A andlor generating or obtaining a population of IFN-A producing CD8+ or eCD8+ cDCs as well as in vitro method for detecting or screening for CD8+ and/or eCD8+ cDCs. In addition, the invention relates to a Flt3-ligand or a MCSF receptor ligand for use in increasing the level of CD8+ andlor eCD8+ cDCs in a subject suffering from an infectious disease or cancer.

No. of Pages: 87 No. of Claims: 37

(22) Date of filing of Application :20/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: LIQUEFACTION OF NATURAL GAS

(51) International classification	:F25J1/00	(71)Name of Applicant :
(31) Priority Document No	:61/727577	1)EXXONMOBIL UPSTREAM RESEARCH COMPANY
(32) Priority Date	:16/11/2012	Address of Applicant :CORP- URC- SW359, P.O. Box 2189,
(33) Name of priority country	:U.S.A.	Houston, TX 77252- 2189 U.S.A.
(86) International Application No	:PCT/US2013/067919	(72)Name of Inventor:
Filing Date	:01/11/2013	1)OELFKE, Russell, H.
(87) International Publication No	:WO 2014/078092	2)VINCENTELLI ,Jorge
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and a method for the formation of a liquefied natural gas (LNG) are disclosed herein. The system includes a first fluorocarbon refrigeration system configured to chill a natural gas using a first fluorocarbon refrigerant and a second fluorocarbon refrigeration system configured to further chill the natural gas using a second fluorocarbon refrigerant. The system also includes a nitrogen refrigeration system configured to cool the natural gas using a nitrogen refrigerant to produce LNG and a nitrogen rejection unit configured to remove nitrogen from the LNG. As an alternative embodiment the nitrogen refrigeration system can be replaced by a methane autorefrigeration system.

No. of Pages: 73 No. of Claims: 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.5080/DELNP/2012 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: CARTRIDGE PISTON

(51) International classification	:B05C 17/005	(71)Name of Applicant :
(31) Priority Document No	:09178940.4	1)SULZER MIXPAC AG
(32) Priority Date	:11/12/2009	Address of Applicant :RUTISTRASSE 7, 9469 HANG,
(22) N 6 : :	:EUROPEAN	SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069199	1)MANFRED OBRIST
Filing Date	:08/12/2010	
(87) International Publication No	:WO 2011/070082	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

A piston (1, 5 1) includes a piston body (2, 52) which is surrounded by a 5 media side (3, 53), by an oppositely disposed drive side (4, 54) and, at the peripheral side, by a piston jacket (5, 55), wherein the piston jacket (5, 55) forms a connection between the media side (3, 53) and the drive side (4, 54). The piston jacket (5, 55) is arranged about a piston axis (9), wherein the piston jacket (5, 55) is connected to the piston body (2, 52) via a web 10 element (26, 76) so that a peripheral groove (23, 73) is formed on the media side (3, 53) between the piston body (2, 52) and the piston jacket (5, 55). A cover element (1 3, 63) is arranged at the media side (3, 53), and has a drive side surface (29, 79) which lies directly on the media side surface (28, 78) of the piston body (2, 52) 15 Fig. 1

No. of Pages: 28 No. of Claims: 15

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : PROCESS FOR SYNTHESIS OF INTERMEDIATES USEFUL FOR MAKING SUBSTITUTED INDAZOLE AND AZAINDAZOLE COMPOUNDS

(51) International classification	:C07D 213/71	(71)Name of Applicant:
(31) Priority Document No	:61/267,538	1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(32) Priority Date	:08/12/2009	Address of Applicant :BINGER STRASSE 173, 55216 INGELHEIM
(33) Name of priority country	:U.S.A.	AM RHEIN, GERMANY Germany
(86) International Application No	:PCT/US2010/058594	(72)Name of Inventor:
Filing Date	:01/12/2010	1)HOSSEIN RAZAVI
(87) International Publication No	:WO 2011/071730	2)JONATHAN TIMOTHY REEVES
(61) Patent of Addition to Application Number	:NA	3)SONIA RODRIGUEZ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

Disclosed are processes for preparing compounds of formula (I): fi a ,j1y 2ov the compounds are useful as intermediates for preparing indazole and azaindazole substituted compounds.

No. of Pages: 9 No. of Claims: 8

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: NEUTRALIZING PROLACTIN RECEPTOR ANTIBODIES AND THEIR THERAPEUTIC USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 16/28 :09075546.3 :10/12/2009 :EUROPEAN UNION :PCT/EP2010/067742 :18/11/2010 :WO 2011/069795 :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: CREATIVE CAMPUS MONHEIM, BLDG 4865, ALFRED-NOBEL-STR 10, D-40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)CHRISTIANE OTTO 2)SIEGMUND WOLF 3)CHRISTOPH FREIBERG 4)AXEL HARRENGA 5)SIMONE GREVEN 6)MARK TRAUTWEIN 7)SANDRA BRUKER 8)ANDREA EICKER 9)ANDREAS WILMEN
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(57) Abstract:

The present invention is directed to the neutralizing prolactin receptor antibody 006- H08, as well as maturated forms thereof, and antigen-binding fragments, pharmaceutical compositions containing them and their use in the treatment or 5 prevention of benign disorders and indications mediated by the prolactin receptor such as endometriosis, adenomyosis, non-hormonal female contraception, benign breast disease and mastalgia, lactation inhibition, benign prostate hyperplasia, fibroids, hyperand normoprolactinemic hair loss, and cotreatment in combined hormone therapy to inhibit mammary epithelial cell proliferation. The antibodies of the invention block 10 prolactin receptor-mediated signaling.

No. of Pages: 348 No. of Claims: 25

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR PERFORMING HANDOVER, USER EQUIPMENT, AND RADIO COMMUNICATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04W 56/00 :2009-285374 :16/12/2009 :Japan	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor:
Filing Date (87) International Publication No	:02/12/2010 :WO 2011/074201	1)HIROAKI TAKANO 2)YUICHI MORIOKA
(61) Patent of Addition to Application Number	:NA	3)RYO SAWAI
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A mobile station in a wireless communication network. The mobile station includes a radio communication that transmits an access request message to a base station via a first communication resource, and receives a timing adjustment in response to the access request message from the base station. The mobile station also includes an 10 adjustment value storage unit that stores the timing adjustment, and a control unit that adjusts access timing corresponding to a second communication resource based on the timing adjustment value stored in the adjustment value storage unit. The radio communication unit then communicates with the base station via the first communication resource and the second communication resource.

15[ABSTRACT] METHOD FOR PERFORMING HANDOVER, USER EQUIPMENT, AND RADIO COMMUNICATION SYSTEM 5 A mobile station in a wireless communication network. The mobile station includes a radio communication that transmits an access request message to a base station via a first communication resource, and receives a timing adjustment in response to the access request message from the base station. The mobile station also includes an 10 adjustment value storage unit that stores the timing adjustment, and a control unit that adjusts access timing corresponding to a second communication resource based on the timing adjustment value stored in the adjustment value storage unit. The radio communication unit then communicates with the base station via the first communication resource and the second communication resource. 15

No. of Pages: 57 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3316/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ORAL CARE IMPLEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A46B5/02,A61C17/22 :NA :NA :NA :PCT/US2012/068668	(71)Name of Applicant: 1)COLGATE -PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue, New York, New York 10022 U.S.A. (72)Name of Inventor:
Filing Date	:10/12/2012	1)HOHLBEIN, Douglas;
(87) International Publication No	:WO 2014/092672	1/1101111111, 2 ougus,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An oral care implement having a grip component. In one embodiment, the invention can be an oral care implement comprising: an elongated body comprising a head portion and a handle portion, the handle portion comprising a socket; at least one tooth cleaning element mounted to the head portion of the elongated body; and a first grip component comprising: an annular rim defining a central opening the annular rim formed of a rigid material; and a resilient body mounted to the annular rim that covers the central opening, the resilient body formed of a resilient material; the first grip component mounted within the socket.

No. of Pages: 44 No. of Claims: 41

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3317/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification	:A46B5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE- PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue, New York ,New York 10022
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2012/068685	(72)Name of Inventor:
Filing Date	:10/12/2012	1)LEE ,David K.
(87) International Publication No	:WO 2014/092674	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an oral care implement comprising: a body having a head portion having a front side and a rear side, at least one cleaning element disposed at the front side of the head portion of the body, and a rim extending from the rear side of the head portion of the body, wherein the rim includes one or more weakened portions and extends along a perimeter region of the head portion of the body; and resilient material disposed at the rear side of the head portion of the body, wherein the rim is disposed around at least a portion of the resilient material.

No. of Pages: 34 No. of Claims: 51

(21) Application No.3318/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ORAL CARE DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:B65D35/22,B65D35/24,B65D35/46 :NA :NA :NA :PCT/US2012/067671 :04/12/2012 :WO 2014/088549 :NA :NA	(71)Name of Applicant: 1)COLGATE- PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue, New York, New York 10022 U.S.A. (72)Name of Inventor: 1)KENNEDY, Sharon 2)BOYKE, Christine 3)JIMENEZ, Eduardo
Filing Date	:NA :NA :NA	

(57) Abstract:

A dispenser (800) for dispensing oral care materials comprising: a housing (810) having a separator wall (805) forming a first reservoir chamber (830) containing a first oral care material (831) and a second reservoir chamber (840) containing a second oral care material (841) within the housing (810); a first nozzle (860) for dispensing the first oral care material (831) from the first reservoir chamber (830) and a second nozzle (865) for dispensing the second oral care material (841) from the second reservoir chamber (840) the first and second nozzles (860, 865) located on opposite ends of the dispenser (800); and wherein the first reservoir chamber (830) circumferentially surrounds the second reservoir chamber (840) about a longitudinal axis of the dispenser (800).

No. of Pages: 42 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :20/04/2015

(21) Application No.3319/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ORAL CARE IMPLEMENT

(51) International classification	:A46B5/02,A61C17/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE- PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue, New York ,New York 10022
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2012/068670	(72)Name of Inventor:
Filing Date	:10/12/2012	1)HOHLBEIN ,Douglas
(87) International Publication No	:WO 2014/092673	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An oral care implement having a grip component. In one embodiment, the invention can be an oral care implement comprising: an elongated body extending along a longitudinal axis and comprising a head portion and a handle portion; a socket formed in an outer surface of the handle portion, the socket comprising a floor and an open top end; at least one tooth cleaning elements mounted to the head portion of the elongated body; at least one protuberance extending upwardly from the floor of the socket; and a grip component comprising a resilient body formed of a resilient material mounted to the handle portion of the elongated body so as to enclose the open top end of the socket, an inner surface of the resilient body separated from the floor of the socket by a free volume of space.

No. of Pages: 39 No. of Claims: 28

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AUTOMATIC FAUCET

(51) International classification	:E03C 1/05	(71)Name of Applicant :
(31) Priority Document No	:2009-281030	1)LIXIL CORPORATION
(32) Priority Date	:10/12/2009	Address of Applicant :2-1-1 OJIMA, KOTO-KU, TOKYO 136-8535
(33) Name of priority country	:Japan	(JP) Japan
(86) International Application No	:PCT/JP2010/072276	(72)Name of Inventor:
Filing Date	:10/12/2010	1)ITAZU, NOBUAKI
(87) International Publication No	:WO 2011/071159	2)YOSHITANI, RYOUSUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An object of the present invention is to provide an automatic faucet wherein the respective tip section of an optical fiber on a light projection side and an optical fiber on a light receiving side constituting a light projection section and a light receiving section can be easily fixed and separated, workability during assembling of the tip sections of the optical fibers and workability during maintenance can be good rendered, the tip section of a water spout pipe can be made compact. A cylindrical water spout member 52 is provided inside the tip section of the water spout pipe, the optical fiber 80 on the light projection side and the optical fiber 82 on the light receiving side are passed inside the water spout pipe up to the tip section of the water spout pipe, and the tips of the optical fibers 80 and 82 configure a light projection section 62 and a light receiving section 64. Moreover, fitting convex section 86 are provided on the outer surfaces of the tip sections of the optical fibers 80 and 82, and the fitting concave sections 96A and 98A are provided on the outer surface of the water spout member 52. The tip sections of the optical fibers 80 and 82 are fixed in a positioned state based on the concave-convex fitting.

No. of Pages: 40 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :13/05/2015

(21) Application No.4067/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEDICAL VIAL CAP

(51) International classification	:B65D41/32	(71)Name of Applicant:
(31) Priority Document No	:13/758623	1)WORLD BOTTLING CAP LLC
(32) Priority Date	:04/02/2013	Address of Applicant :3044 Old Denton Road #111 225 Carrollton
(33) Name of priority country	:U.S.A.	TX 75007 U.S.A.
(86) International Application No	:PCT/US2014/014555	(72)Name of Inventor:
Filing Date	:04/02/2014	1)FRISHMAN Abe
(87) International Publication No	:WO 2014/121249	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

A crown for a medical vial opening has a top portion and a skirt surrounding the top portion. The skirt terminates at a lower edge defined in a first horizontal plane. An opener assembly is mounted to a portion of the top. A first scoring line extends from the portion of the top to which the opener assembly is mounted to the lower edge of the skirt in a continuous radial direction and a second scoring line provides an upper radial segment extending from the opener assembly to the skirt along a radial axis and a lower annular segment that extends circumferentially along the skirt in an annular direction and extending from a terminus of the upper radial segment. The lower annular segment is defined in a second horizontal plane equidistant to the first horizontal plane associated with the lower edge of the skirt.

No. of Pages: 33 No. of Claims: 15

(21) Application No.5103/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEANS AND METHOD TO ADMINISTER INJECTIONS WITH LITTLE OR NO PAIN

(51) International classification	:A61M 5/42	(71)Name of Applicant :
(31) Priority Document No	:12/590,658	1)BRAL, POURANG
(32) Priority Date	:12/11/2009	Address of Applicant :155 ALBION STREET PASSAIC, NJ 07055
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/002890	(72)Name of Inventor:
Filing Date	:04/11/2010	1)BRAL, POURANG
(87) International Publication No	:WO 2011/059480	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A preferred method to obtain a painless or near painless needle 8 penetration is disclosed to be in the following manner: Applying electric current using a TENS device sinultaneously with tapping the in-jection site for 30 to 60 seconds at a rate of about one strike per second, followed by a rapid needle 8 penetration into the skin 2. Fig 1 a

No. of Pages: 18 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: BOTTLE CAP WITH RELESABLE EXTERNAL FORMATIIONS

(31) Priority Document No :09	A U.K. (72)Name of Inventor: JA 1)RABIE, ARNO A A A
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(57) Abstract:

The invention relates to a cap. More particularly, the invention relates to a bottle cap which has engaging formations which allow it to be releasably secured to other caps of the same kind. The cap includes a sleeve moulded integrally to an end wall, the sleeve having at least one line of weakness spaced apart from the end wall for separation of at least one ring portion from the sleeve. The cap further includes primary external cooperating engaging formations provided on either side of the line of weakness, such that the cap is connectible side-to-side, via the primary external cooperating engaging formations, to other caps or ring portions, or to bottles having corresponding primary external cooperating engaging formations.

No. of Pages: 19 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : PERSONAL PROTECTION SYSTEM WITH AUTOMATIC EMERGENCY CONTACT NOTIFICATION BASED ON REGISTERED EVENTS

(86) International Application No Filing Date (87) International Publication No (86) Patent of Addition to Application Number Filing Date (87) Divisional to Application Number (88) International Application No (89) Enternational Publication No (89) Enternational Publication Number (80) Divisional to Application Number (80) Divisional to Application Number (81) Malaysia (82) WONG, WAI LIN WINNIE (83) Malaysia (84) Enternational Application No (85) Enternational Application No (86) International Application No (87) Malaysia (87) Name of Inventor:	(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:PI 20094798 :11/11/2009 :Malaysia :PCT/MY/2010/000205 :12/10/2010 :WO 2011/059308 :NA :NA	2)WONG, WAI LIN WINNIE (72)Name of Inventor: 1)KHOO, CHEN SHIANG
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(57) Abstract:

The concept rides on the believed of better be safe than sorry where the subscriber will register an event with anticipated end-time which the individual deems is vulnerable to cause her any potential harm. The event is then stored in a database with sufficient information for any emergency tracking and notification. At the end of the anticipated end time, a message will be sent from the server to the subscribers wireless device requesting for safety confirmation, failing which the system will automatically send an alert notification message to a group of predefined emergency contacts through various channels and medias. The emergency message will also be posted to the subscribers own social network services for mass notification. In addition, the subscriber has the option to trigger the location based tracking of his whole journey during the active event time if the individual wireless device is subscribed with the location base tracking system, such as global positioning system (GPS) service.

No. of Pages: 32 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: A WIND TURBINE NACELLE COMPRISING A HEAT EXCHANGER ASSEMBLY

(51) International classification	:F03D 11/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2009 70237	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:01/12/2009	Address of Applicant :HEDEAGER 44, 8200 AARHUS N
(33) Name of priority country	:Denmark	DENMARK Denmark
(86) International Application No	:PCT/EP2010/068642	(72)Name of Inventor:
Filing Date	:01/12/2010	1)WONG, VOON HON
(87) International Publication No	:WO 2011/067290	2)KANDASAMY, RAVI
(61) Patent of Addition to Application Number	:NA	3)NARASIMALU, SRIKANTH
Filing Date	:NA	4)LARSEN, GERNER
(62) Divisional to Application Number	:NA	5)ABEYASEKERA, TUSITHA
Filing Date	:NA	6)KNUDSEN, PETER C.

(57) Abstract:

A heat exchanger assembly for cooling a heat-generating component, such as a generator or power electronics module, within a wind turbine nacelle comprises a thermoelectric element, such as a Peltier element, having a first section arranged in a first region of relatively high temperature in contact with the heat-generating component or in the vicinity thereof, and a second section arranged in a second region of a relatively low temperature. The thermoelectric element is configured to transfer heat from the first region of relatively high temperature to the second region of relatively low temperature with consumption of electrical energy. A source of electrical energy is provided for the thermoelectric element, and a control unit may be provided for controlling the energy supply in order to control the temperature of the component or surface area cooled by the thermoelectric element. A fother cooling element including a so-called heat pipe may be provided to enhance cooling efficiency. 62 Fig. 4

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND APPARAUS FOR PERFORMING X-RAY ANALYSIS OF A SAMPLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N 23/207 :0921965.0 :17/12/2009 :U.K. :PCT/EP2010/069540 :13/12/2010 :WO 2011/073148 :NA :NA :NA	(71)Name of Applicant: 1)THERMO FISHER SCIENTIFIC (ECUBLENS) SARL Address of Applicant: EN VALLAIRE QUEST C CH-1024 ECUBLENS SWITZERLAND Switzerland (72)Name of Inventor: 1)YELLEPEDDI, RAVISEKHAR 2)NEGRO, PIERRE-YVES
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(57) Abstract:

The invention provides a method of performing X-ray diffiaction (XRD) and/or X-ray fluorescence (XRF) analysis of a sample, comprising: irradiating a sample with X-rays from an X-ray source; providing a combined XRD and XRF detection arrangement comprising a scanning wavelength selector and at least one X-ray detector for detecting X-rays selected by the wavelength selector; and performing XRD analysis of the sample by selecting at least one fixed wavelength of X-rays diffracted by the sample using the scanning wavelength selector and detecting X-rays of the selected fixed wavelength(s) at one or more values of the diffraction angle cp at the sample using the X-ray detector(s); and/or performing XRF analysis of the sample by scanning wavelengths of X-rays emitted by the sample using the scanning wavelength selector and detecting X-rays of the scanned wavelengths using the X-ray detector(s). Also provided is an apparatus for performing both X-ray diffraction (XRD) and X-ray fluorescence (XRF) analysis of a sample comprising a combined XRD and XRF detection arrangement comprising a scanning wavelength selector and at least one X-ray detector for detecting X-rays selected by the wavelength selector.

No. of Pages: 54 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD FOR OPERATING AN IGNITION DEVICE FOR AN INTERNAL COMBUSTION ENGINE, AND IGNITION DEVICE FOR AN INTERNAL COMBUSTION ENGINE FOR CARRYING OUT THE METHOD

(51) International classification	:F02P 15/10	(71)Name of
(31) Priority Document No	:10 2009 057 925.7	1)CONTIN
(32) Priority Date	:11/12/2009	Address
(33) Name of priority country	:Germany	HANNOVER
(86) International Application No	:PCT/EP2010/069221	(72)Name of
Filing Date	:08/12/2010	1)BOLZ; S
(87) International Publication No	:WO 2011/070089	2)EISEN;
(61) Patent of Addition to Application Number	:NA	3)GOTZE
Filing Date	:NA	4)REUTH
(62) Divisional to Application Number	:NA	5)SCHMA
Filing Date	:NA	

(71)Name of Applicant:

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Address of Applicant: VAHRENWALDER STRAE 9, 30165

HANNOVER, GERMANY Germany

72)Name of Inventor:

1)BOLZ; STEPHAN 2)EISEN; SVEN

3)GOTZENBERGER; MARTIN

4)REUTHER; ACHIM 5)SCHMAU; HARALD

(57) Abstract:

The invention relates to a method for operating an ignition device for an internal combustion engine, which ignition device is formed with an ignition coil (ZS) which is configured as a transformer, a spark plug (ZK) which is connected to the secondary winding of the ignition coil (ZS), an actuable switching element (IGBT) which is connected in series to the primary winding of the ignition coil (ZS), and a control unit (SE) which is connected to the control input of the switching element (IGBT), wherein the control unit (SE) provides an adjustable supply voltage (Vsupply) for the ignition coil (ZS) and an actuating signal (IGBT-Control) for the switching element (IGBT) as a function of the currents (I-Prim, I-Sec) through the primary and the secondary windings of the ignition coil (ZS) and the voltage between the connecting point of the primary winding of the ignition coil (ZS) to the switching element (IGBT) and the negative terminal of the supply voltage (GND), as a result of which firstly operation of the spark plug (ZK) by way of alternating current is possible and secondly regulation of said current is possible, which leads to more reliable ignition with a lower wear of the spark plugs. FIG:- 1

No. of Pages: 25 No. of Claims: 6

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: POSITIVELY DRIVEN LOW TENSION TRANSFER CONVEYOR

(51) International classification	:B65G23/26,B65G23/44	(71)Name of Applicant:
(31) Priority Document No	:61/718941	1)LAITRAM L.L.C.
(32) Priority Date	:26/10/2012	Address of Applicant :Legal Department 200 Laitram Lane Harahan
(33) Name of priority country	:U.S.A.	Louisiana 70123 U.S.A.
(86) International Application No	:PCT/US2013/066506	(72)Name of Inventor:
Filing Date	:24/10/2013	1)DEGROOT Michael Hendrik
(87) International Publication No	:WO 2014/066578	2)HENDRICKSON Daniel Robert
(61) Patent of Addition to Application Number	:NA	3)HONEYCUTT JR. James R.
Filing Date	:NA	4)TRAPANI Brian A.
(62) Divisional to Application Number	:NA	5)PERTUIT JR. Wayne A.
Filing Date	:NA	6)ST. PIERRE Paul E.

(57) Abstract:

Components of a conveyor system designed to facilitate tight transfer of products onto and off a positively driven low tension conveyor belt. The conveyor system includes a tension amplifier in a returnway of a conveyor belt circuit for selectively increasing tension in the conveyor belt prior to infeed without increasing the low tension in the returnway prior to the tension amplifier. A positively driven low tension conveyor system (400) includes a tension amplifier (480) in a returnway of a conveyor belt circuit for increasing tension in the conveyor belt (460) prior to infeed without increasing the low tension in the returnway (450) prior to the tension amplifier (480).

No. of Pages: 41 No. of Claims: 24

(21) Application No.4070/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR PROVIDING EMERGENCY CPR FUNCTIONALITY ON A PATIENT SUPPORT SURFACE

(51) International classification :A61G7/015,A61G7/018,A61G7/05 (71)Name of Applicant : :61/719796 (31) Priority Document No

(32) Priority Date :29/10/2012

(33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/067295

Filing Date :29/10/2013 (87) International Publication No :WO 2014/070759

(61) Patent of Addition to Application:NA Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)HUNTLEIGH TECHNOLOGY LIMITED

Address of Applicant : Arjohuntleigh House Houghton Hall Business

Park Houghton Regis Dunstable LU5 5XF U.K.

(72)Name of Inventor: 1)BARTA Eric 2)TORNO Steve 3)PAIGE Lisa M. 4)OLIVA Michael 5)JAEGER Rico 6)KELCH Randall P.

(57) Abstract:

Emergency CPR systems for patient support systems utilizing backup battery power.

No. of Pages: 14 No. of Claims: 11

(21) Application No.6432/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012 (43) Publication Date: 09/10/2015

(54) Title of the invention: SUBSTITUTED PYRIDINES AND PYRIMIDINES FOR THE PRODUCTION OF CARDIOMYOCYTE - LIKE **CELLS**

(51) International classification :C07D213/74,C07D239/48,A61K31/44 (71)Name of Applicant :

(31) Priority Document No :A 2044/2009 (32) Priority Date :28/12/2009

(33) Name of priority country :Austria

(86) International Application No :PCT/AT2010/000495 Filing Date :28/12/2010

(87) International Publication No :WO 2011/079343

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)TECHNISCHE UNIVERSITAET WIEN

Address of Applicant : Karlsplatz 13 A 1040 Wien Austria

2)MEDIZINISCHE UNIVERSITAET WIEN

(72)Name of Inventor:

1)MIHOVILOVIC Marko 2)SCHNUERCH Michael 3)KOLEY Moumita 4)HILBER Karlheinz

5)KOENIG Xaver

(57) Abstract:

A process for the production of cardiomocyte like cells from mammalian cells comprising cultering mammalian cells in the presence of a compound of formula (I) wherein the radicals have various meanings compounds of formula (I) wherein the radicals have various meanings and the pharmaceutical use of compounds of formula (I) for the production of cardiomyocyte like cells from omnipotent pluripotent or lineage committed mammalian cells and the use of thus produced cardiomyocyte like cells for treating disorders associated with impaired function of the heart.

No. of Pages: 70 No. of Claims: 12

(22) Date of filing of Application :20/07/2012 (43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR PURIFYING AND STERILIZING WATER USING NANO CATALYTIC MICROELECTROLYSIS

(51) International classification :C02F9/06,C02F1/50,C01F4/161 (71)Name of Applicant :

(31) Priority Document No :200910113006.9 (32) Priority Date :21/12/2009

(33) Name of priority country :China

(86) International Application No :PCT/CN2011/070739 Filing Date :28/01/2011 :WO 2011/076152

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)BOYING XIAMEN SCIENCE AND TECHNOLOGY CO. LTD.

Address of Applicant : ZHANG Shiwen 1st No.42 Xinglinxi Road

Jimei Xiamen Fujian 361000 China

(72)Name of Inventor: 1)ZHANG Shiwen

(57) Abstract:

An apparatus and a method for purifying and sterilizing water using nano catalytic microelectrolysis are provided. The apparatus is comprised of a water pump (1) a nano catalytic microelectrolysis tank (2) a neutralization and sedimentation tank (5) a sand filtration tank (6) a precision filtration tank (7) and a water storage tank (8). 1/20 1/5 of raw water obtained from the water pump (1) is introduced into the nano catalytic microelectrolysis tank (2) via a three way pipe and 19/204/5 of raw water is directly introduced into the neutralization and sedimentation tank (5) and mixed with water from the nano catalytic microelectrolysis tank. Then the water is settled filtered by the sand filtration tank (6) and introduced into the precision filtration tank (7) by a pump for removing solid impurities plankton colloid and bacteria in the water so as to obtain purified water storied in the water storage tank (8). The apparatus and method can be widely applied to purify potable water brackish water seawater and wastewater.

No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PHARMACEUTICAL COMPOSITION FOR TREATING HIV INFECTION

:25/09/2006

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:60/557,767	1)BRISTOL-MYERS SQUIBB COMPANY
(32) Priority Date	:24/03/2004	Address of Applicant :P. O. Box 4000 route 206 and Province Line
(33) Name of priority country	:U.S.A.	Road Princeton New Jersey 08543-4000 U.S.A.
(86) International Application No	:PCT/US2005/006277	(72)Name of Inventor:
Filing Date	:01/03/2005	1)PIN-FANG LIN
(87) International Publication No	:WO 2005/102392	2)BEATA NOWICKA-SANS
(61) Patent of Addition to Application Number	:NA	3)GREGORY YAMANAKA
Filing Date	:NA	
(62) Divisional to Application Number	:5560/DELNP/2006	

(57) Abstract:

Filed on

A pharmaceutical composition comprising of 1-benzoyl-4-[2-[4-methoxy-7-(3-methyl-lH- 1,2,4-triazol-l-yl)-lH-pyrrolo[2,3-c]pyridin-3-yl]-1,2-dioxoethyl]-piperazine, or a pharmaceutically acceptable salt thereof along with nucleoside HIV reverse transcriptase inhibitor selected from the group consisting of didanosine, emtricitabine and zalcitabine, including pharmaceutically acceptable salt thereof, used for treatment of AIDS or HIV infection, and a pharmaceutically, acceptable carrier, wherein the EC50 ratio of said piperazine compound to said other agent is 1:1, 1:2.5 or 2.5:1.

No. of Pages: 28 No. of Claims: 2

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR CONTROLLING PLANT VIRAL INFECTION

(51) International classification	:C12N15/40	(71)Name of Applicant :
(31) Priority Document No	:61/714733	1)MONSANTO TECHNOLOGY LLC
(32) Priority Date	:16/10/2012	Address of Applicant :800 North Lindbergh Blvd. St. Louis MO
(33) Name of priority country	:U.S.A.	63167 U.S.A.
(86) International Application No	:PCT/US2013/065193	(72)Name of Inventor:
Filing Date	:16/10/2013	1)HEMMES Johannes C.
(87) International Publication No	:WO 2014/062775	2)JIA Lijie
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides methods for topical treatment and prevention of Tospovirus and/or Geminivirus disease in plants. The invention further provides compositions for treatment of Tospovirus and/or Geminivirus disease in plants and methods for reducing expression of a Tospovirus and/or Geminivirus gene and for identifying polynucleotides useful in modulating gene expression in plant viruses.

No. of Pages: 245 No. of Claims: 60

(12) I ATENT ATTEICATION TOBLICATION

(21) Application No.4086/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: USE OF AN LLDPE COMPOSITION IN HEALTH CARE APPLICATIONS

(51) International classification :C08J5/18,C08K3/22,C08L23/08 (71)Name of Applicant : (31) Priority Document No 1)SAUDI BASIC INDUSTRIES CORPORATION :12007162.6 (32) Priority Date :16/10/2012 Address of Applicant : P.O. Box 5101 Riyadh 11422 Saudi Arabia (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No :PCT/EP2013/071484 1)BOSCH Josephina Jacobina Antoinette Filing Date :15/10/2013 2) COUN Gert Jan Elisa (87) International Publication No :WO 2014/060390 3)VOS DE Roelof Franciscus Gerardus Maria (61) Patent of Addition to Application 4) VOETS Patrick Elisabeth Luc :NA

Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to the use of a composition comprising linear low density polyethylene and an inorganic acid in health care applications. The inorganic acid may be selected from the group consisting of aluminium oxide zinc oxide calcium oxide calcium hydroxide magnesium oxide magnesium hydroxide hydrotalcites and any mixtures of any one of these inorganic acids. Furthermore the composition may further comprise low density polyethylene for example in a weight ratio of 10/90 to 50/50 with linear low density polyethylene.

No. of Pages: 18 No. of Claims: 8

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ANTI CAMPYLOBACTER JEJUNI ANTIBODIES AND USES THEREFOR

(51) International classification	:C07K16/12,A61K39/40,A61K47/48	(71)Name of Applicant:
(31) Priority Document No	:61/718062	1)NATIONAL RESEARCH COUNCIL OF CANADA
(32) Priority Date	:24/10/2012	Address of Applicant :1200 Montreal Road Ottawa Ontario K1A 0R6
(33) Name of priority country	:U.S.A.	Canada
(86) International Application No	:PCT/CA2013/050806	(72)Name of Inventor:
Filing Date	:24/10/2013	1)ARBABI GHAHROUDI Mehdi
(87) International Publication No	:WO 2014/063253	2)RIAZI Ali
(61) Patent of Addition to	:NA	3)SZYMANSKI Christine M.
Application Number	:NA	4)HUSSACK Greg
Filing Date	.IVA	5)TANHA Jamshid
(62) Divisional to Application	:NA	6)MACKENZIE Roger
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

Campylobacter jejuni is a leading cause of bacterial food borne diseases in humans ranging from acute diarrheal disease to neurological disorders. An isolated or purified antibody or fragment thereof specific to C. jejuni is described. The antibody or fragment thereof binds to a flagellar protein and reduces motility of C. jejuni. The antibody or fragment thereof is derived from a heavy chain IgG variable domain fragment (VH) of a camelid animal immunized with C. jejuni flagellar protein. A multivalent form as well as a phage format of the antibody or fragment thereof is described. Methods of reducing presence of C. jejuni in an animal or an animal environment methods and formulations for treating C. jejuni infection and method of detecting C. jejuni are also described.

No. of Pages: 87 No. of Claims: 38

(21) Application No.4089/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: 1 3 DIHYDROIMIDAZOLE 2 THIONE DERIVATIVES FOR USE IN THE TREATMENT OF PULMONARY ARTERIAL HYPERTENSION AND LUNG INJURY

(51) International classification :A61K31/417,A61K31/4178,A61P9/10 (71)Name of Applicant :

(31) Priority Document No :61/726119 (32) Priority Date :14/11/2012

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/PT2013/000065

Filing Date :14/11/2013 (87) International Publication No :WO 2014/077715

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)BIAL PORTELA & Ca S.A.

Address of Applicant: Av. da Siderurgia Nacional P 4745 457 S.

Mamede do Coronado Portugal

(72)Name of Inventor:

1)SOARES DA SILVA Patrcio Manuel Vieira Araºjo

2)BONIF • CIO Maria Jo£o Macedo da Silva

(57) Abstract:

The present invention relates to compounds of formula I: for use in treating pulmonary arterial hypertension and associated conditions where R1 R2 and R3 are the same or different and signify hydrogens halogens alkyl alkylaryl alkyloxy hydroxy nitro amino alkylcarbonylamino alkylamino or dialkylamino group; R4 signifies hydrogen alkyl alkylaryl or alkylheteroaryl; X signifies CH2 oxygen atom or sulphur atom; n is 1 2 or 3 with the proviso that when n is 1 X is not CH2; and the individual (R) and (S) enantiomers or mixtures of enantiomers and pharmaceutically acceptable salts thereof.

No. of Pages: 48 No. of Claims: 27

(22) Date of filing of Application :23/07/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of \ the \ invention: APPARATUS \ FOR \ ATTACHING \ A \ MEMBER \ TO \ A \ CORE \ STIFFENED \ STRUCTURE \ AND \ A \ COMBINATION \ THEREOF$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E04D1/36,E04C3/00 :61/301692 :05/02/2010 :U.S.A. :PCT/US2011/023455 :02/02/2011 :WO 2011/097283 :NA :NA :NA	(71)Name of Applicant: 1)BELL HELICOPTER TEXTRON INC. Address of Applicant: P.O. Box 482 Fort Worth TX 76101 U.S.A. (72)Name of Inventor: 1)MAY Carl A. 2)HETHCOCK James D. 3)MCCULLOUGH John R. 4)COX Ronald K.
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(57) Abstract:

An apparatus for attaching a member to a honeycomb core stiffened structure includes a body and one or more elements extending from the body configured to be adhesively bonded to one or more walls of a honeycomb core of the honeycomb core stiffened structure. The apparatus further includes a fitting for attaching the member to the apparatus. A honeycomb core stiffened structure includes a honeycomb core and an apparatus for attaching a member to the honeycomb core. The apparatus includes a body and one or more elements extending from the body configured to be adhesively bonded to one or more walls of the honeycomb core of the honeycomb core stiffened structure. The apparatus further includes a fitting for attaching the member to the apparatus.

No. of Pages: 36 No. of Claims: 49

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : HIGH-STRENGTH STEEL AND HIGH STRENGTH BOLT WITH EXCELLENT IN DELAYED FRACTURE RESISTANCE AND METHODS OF PRODUCING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11/03/2011 :WO 2011/111872 :NA :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL CORPORATION, Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN Japan (72)Name of Inventor: 1)DAISUKE HIRAKAMI 2)TETSUSHI CHIDA 3)TOSHIMI TARUI
Filing Date	:NA	

(57) Abstract:

A high strength steel material which is excellent in delayed fracture resistance containing, by mass%, C: 0.10 5 to 0.55%, Si: 0.01 to 3%, and Mn: 0.1 to 2%, further containing one or both of V: 1.5% or less and Mo: 3.0% or less, the contents of V and Mo satisfying V+1/2Mo>0.4%, further containing one or more of Cr: 0.05 to 1.5%, Nb: 0.001 to 0.05%, Cu: 0.01 to 48, Ni: 0.01 to 4%, and B: 10 0.0001 to 0.005%, and having a balance of Fe and unavoidable impurities, the structure being a mainly tempered martensite structure, the surface of the steel material being formed with (a) a nitrided layer having a thickness from the surface of the steel material of 200 15 p or more and a nitrogen concentration of 12.0 mass% or less and higher than the nitrogen concentration of the steel material by 0.02 mass% or more and (b) a low carbon region having a depth from the surface of the steel material of 100 p or more to 1000 p or less and having 20 a carbon concentration of 0.05 mass% or more and 0.9 time or less the carbon concentration of the steel material.

No. of Pages: 53 No. of Claims: 18

(19) INDIA

(21) Application No.6455/DELNP/2012 A

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: ACCESS PERMISSIONS ENTITLEMENT REVIEW

:G06F7/04,G06F17/30,H04N7/16 (71)Name of Applicant: (51) International classification

(31) Priority Document No :PCT/IL2010/000069

(32) Priority Date :27/01/2010

(33) Name of priority country :PCT

(86) International Application No :PCT/IL2011/000065

Filing Date :20/01/2011

(87) International Publication No :WO 2011/092684

(61) Patent of Addition to Application :NA Number

:NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)VARONIS SYSTEMS INC.

Address of Applicant :499 7th Avenue 23rd Floor South Tower New

York New York 11018 U.S.A.

(72)Name of Inventor:

1)FAITELSON Yakov

2)KORKUS Ohad

3)KRETZER KATZIR Ophir

4)BASS David

(57) Abstract:

A system for operating an enterprise computer network including multiple network objects said system comprising monitoring and collection functionality for obtaining continuously updated information regarding at least one of access permissions and actual usage of said network objects and entitlement review by owner functionality operative to present to at least one owner of at least one network object a visually sensible indication of authorization status including a specific indication of users which were not yet authorized by said at least one owner of said at least one network object.

No. of Pages: 19 No. of Claims: 19

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING GLASS PREFORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03B37/018,C03B8/04 :2010105546 :30/04/2010 :Japan :PCT/JP2011/060363 :28/04/2011 :WO 2011/136325 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIESLTD. Address of Applicant: 5 33 Kitahama 4 chome Chuo ku Osaka shi Osaka 5410041 Japan (72)Name of Inventor: 1)ISHIHARA Tomohiro
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(57) Abstract:

Disclosed is a method for producing a glass preform which is suitable for the production of an optical fiber that is reduced in transmission loss in the $1.38~\mu m$ wavelength band. Specifically disclosed is a method for producing a glass preform wherein a glass preform is produced via an affixation step a deposition step a drawing step a transparentization step and a core solidification step said steps being sequentially carried out. In the transparentization step a glass fine particle deposit (13) is introduced into a heating furnace (22) into which an He gas and a Cl gas are introduced together with a tubular handle (12) which is integrated with the glass fine particle deposit (13) and heated by a heater (23) thereby producing a transparent glass tube material (14). Right after the production of the transparent glass tube material (14) a dry gas is introduced into the heating furnace (22) and the transparent glass tube material (14) is cooled while controlling the humidity in the ambient atmosphere of the transparent glass tube material (14) to 0.1% or less.

No. of Pages: 16 No. of Claims: 3

(19) INDIA

(22) Date of filing of Application :20/07/2012 (43) Publication Date: 09/10/2015

(54) Title of the invention: VEHICLE ARRESTING BED

(51) International classification :B64F1/02,E01C9/00,C04B14/24 (71)Name of Applicant :

(31) Priority Document No :1000544.5 (32) Priority Date :13/01/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/NO2011/000015

Filing Date :13/01/2011

(87) International Publication No :WO 2011/087375 (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)NORSK GLASSGJENVINNING AS

(21) Application No.6458/DELNP/2012 A

Address of Applicant : P.O. Box 102 ~kern N 0509 Oslo Norway

(72)Name of Inventor: 1)NARMO Jon A.

(57) Abstract:

This invention relates to arresting beds for decelerating vehicles especially passenger air crafts unable to stop on available run way wherein the system comprises a vehicle arresting area (A) comprising a bed filled with foamed glass aggregate (1) with particle sizes ranging from 0.25 cm to 15 cm and nominal void fractions from about 70 to 98 % and a top cover (4) covering the upper surface of the bed of foamed glass aggregate.

No. of Pages: 23 No. of Claims: 12

(21) Application No.3268/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/04/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: INSTANT MESSAGING SYSTEM AND METHOD

:H04W4/14,H04W4/12,H04L12/58 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)CHIKKA PTE LTD :2012077830 :18/10/2012 (32) Priority Date Address of Applicant :24 Raffles Place #27 01 Clifford Centre (33) Name of priority country :Singapore Singapore 048621 Singapore (86) International Application No :PCT/SG2013/000443 (72)Name of Inventor: Filing Date :16/10/2013 1)MENDIOLA Dennis (87) International Publication No :WO 2014/062132 2) GARROVILLO Michael C. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An instant messaging system comprising an instant messaging server to which a plurality of client devices are connectable to the Internet; where client device(s) belonging to a user is connectable to the instant messaging server by using an identifier of the user; wherein in a default mode an instant message is sent from a client device to the instant messaging server for routing to an intended recipient via Internet connection; and if the Internet connection is not available the instant message is routed via another electronic link to the instant messaging server for routing to an intended recipient the another electronic link using a session based protocol is disclosed.

No. of Pages: 16 No. of Claims: 19

(21) Application No.4090/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR PREPARING NUCLEOSIDE PRODRUGS

:C07H1/00,C07H19/06,C07H19/16 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)UNIVERSITY COLLEGE CARDIFF CONSULTANTS :1220666.0 (32) Priority Date :16/11/2012 LIMITED (33) Name of priority country :U.K. Address of Applicant :PO Box 497 30 36 Newport Road Cardiff CF24 (86) International Application No :PCT/GB2013/053018 ODE U.K. Filing Date :15/11/2013 (72)Name of Inventor: (87) International Publication No :WO 2014/076490 1)MCGUIGAN Christopher (61) Patent of Addition to Application :NA 2)PERTUSATI Fabrizio Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for preparing phosphoramidates of nucleosides where a desired enantiomer having regard to the asymmetric chiral centre of the phosphorus atom P is provided in an enriched amount. The process comprises admixing a nucleoside with a phosphorochloridate in the presence of a catalyst comprising a metal salt selected from the group consisting of salts of Ciu Fe La and Yb.

No. of Pages: 52 No. of Claims: 37

(19) INDIA

(22) Date of filing of Application :14/05/2015

(21) Application No.4091/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: CATHETER COUPLING ARRANGEMENT

(51) International classification	:A61M39/10	(71)Name of Applicant:
(31) Priority Document No	:13161667.4	1)DENTSPLY IH AB
(32) Priority Date	:28/03/2013	Address of Applicant : Aminogatan 1 S 431 21 Mlndal Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2014/055845	1)ANDR‰EN Erik
Filing Date	:24/03/2014	2)ANDERSSON Fredrik
(87) International Publication No	:WO 2014/154635	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A coupling device (1) for a tubular arrangement (2) for medical use comprising a first connector part (3) and a second connector part (5) and an engagement/disengagement member (23) for at least assisting in engaging and disengaging the engagement between said connector parts and the first connector part (3) comprises at least two female connecting portions (9) arranged in a first connector surface (7) and a guiding edge (11) protruding from the first connector surface (7) arranged around the at least two female connecting portions (9) and the second connector part (5) comprises at least two male connecting portions (19) arranged in a second connector surface (17) and wherein at least one of the first connector part (3) and the second connector part (5) comprises a locking element (13) arranged to rotatably engage with the engagement/disengagement member (23).

No. of Pages: 22 No. of Claims: 15

(21) Application No.4092/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention: SENSOR TECHNOLOGY FOR DIAGNOSING TUBERCULOSIS

:G01N33/497,G01N27/12,G01N33/50 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TECHNION RESEARCH AND DEVELOPMENT :61/719559 (32) Priority Date :29/10/2012 FOUNDATION LTD. (33) Name of priority country Address of Applicant: Technion City 32000 Haifa Israel :U.S.A. (86) International Application No :PCT/IL2013/050874 (72)Name of Inventor: Filing Date :27/10/2013 1)HAICK Hossam (87) International Publication No :WO 2014/068554 2)NAKHLEH Morad (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A sensor technology comprising a single nano material (gold nanoparticles and/or carbon nanotube) based sensor or a plurality of sensors in conjunction with a pattern recognition algorithm for non invasive and accurate diagnosis of tuberculosis caused by M. tuberculosis bacteria in a subject. The sensor technology is suitable for population screening of tuberculosis particularly in resource poor and developing countries.

No. of Pages: 65 No. of Claims: 36

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: STRAINS AND METHOD FOR THE PRODUCTION OF METHIONINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N15/52,C12P13/12 :09306349.3 :30/12/2009 :EPO :PCT/EP2010/070858 :29/12/2010 :WO 2011/080301 :NA :NA	(71)Name of Applicant: 1)METABOLIC EXPLORER Address of Applicant :Biopole Clermont limagne F 63360 Saint Beauzire France (72)Name of Inventor: 1)BOISART Cdric 2)BESTEL CORRE Gwna«lle 3)BARBIER Guillaume 4)FIGGE Rainer
(62) Divisional to Application Number Filing Date	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for the production of methionine using modified strains with attenuated transformation of threonine. This can be achieved by reducing threonine transformation intoglycine and/or by reducing its transformation to a ketobutyrate. The invention also concerns the modified strains with attenuated transformation of threonine.

No. of Pages: 50 No. of Claims: 16

(21) Application No.6448/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of \ the \ invention: HYDRAULIC \ BRAKING \ DEVICE \ FOR \ A \ YAW \ DRIVE \ OF \ A \ WIND \ TURBINE \ AND \ CONTROL \ DEVICE \ THEREFOR$

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Germany :PCT/EP2010/001971 :29/03/2010 :WO 2011/088850 :NA :NA	(72)Name of Inventor: 1)B-HM Peter 2)DEVOULON Patrice
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a hydraulic braking device for a yaw drive in a nacelle of a wind turbine comprising a brake disk ring rotationally fixed to the nacelle a plurality of disk brakes distributed over the circumference of the brake disk ring being associated with said brake disk ring. According to the invention at least one disk brake is provided with a friction lining arrangement that differs from the other disk brakes the friction coefficient of said friction lining arrangement being reduced compared to the other disk brakes.

No. of Pages: 17 No. of Claims: 8

(21) Application No.4061/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: MELTERS FOR GLASS FORMING APPARATUSES

:C03B5/42,C03B5/167,F27D1/14 (71)Name of Applicant : (51) International classification

(31) Priority Document No :13/661732 (32) Priority Date :26/10/2012

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/066271

Filing Date :23/10/2013 (87) International Publication No :WO 2014/066447

(61) Patent of Addition to Application

:NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza Corning New York 14831

(72)Name of Inventor:

1)FRALEY Raymond Eugene 2)MANNING Shayne O

3)SAUERS Jason

(57) Abstract:

Melters for glass forming apparatuses and glass forming apparatuses comprising the same are disclosed. According to one embodiment a melter for melting glass batch materials includes a base portion and a rigid exoskeleton rigidly attached to the base portion and comprising a plurality of upright members interconnected with a plurality of cross members defining an exoskeleton interior volume. Connection nodes formed at intersections of the plurality of cross members with upper ends of the plurality of upright members are constrained from movement relative to the base portion in a longitudinal direction a transverse direction and a vertical direction. A tank assembly is positioned on the base portion in the exoskeleton interior volume and coupled to the rigid exoskeleton. In some embodiments the melter has a dynamic resistance greater than 0.3.

No. of Pages: 36 No. of Claims: 20

(43) Publication Date: 09/10/2015

(71)Name of Applicant: 1)NIPPON SHARYO, LTD.

(19) INDIA

(22) Date of filing of Application :08/06/2012

(54) Title of the invention: BOGIE FRAME FOR RAILROAD VEHICLE

(51) International classification :B61F 5/52 (31) Priority Document No :2010-030466 (32) Priority Date :15/02/2010 (33) Name of priority country :Japan (86) International Application No :PCT/JP2010/061584 Filing Date :08/07/2010 (87) International Publication No :WO 2011/099179 (61) Patent of Addition to Application Number :NA Filing Date :NA

:NA

:NA

2)CENTRAL JAPAN RAILWAY COMPANY (72)Name of Inventor:
1)SHINMURA, HIROSHI
2)KANAYA, DAIZO
3)FUKUI, YASUYUKI
4)KUNIMATSU, YUKI

NAGOYA-SHI, AICHI 4568691 JAPAN Japan

Address of Applicant: 1-1, SANBONMATSU-CHO, ATSUTA-KU,

5)OZU, SHOTARO 6)WATANABE, YOSHITOMO 7)TOZAWA, TAKEHIRO 8)YAMADA, KOICHI 9)ISHIYAMA, JUNICHI

(57) Abstract:

Filing Date

A bogie frame (1) for a railroad vehicle, provided with a lateral beam body optimally shaped for the arrangement of equipment on the bogie. In the bogie frame (I), a lateral beam (13) disposed in the left-right direction which is the direction in which the rail ties extend is joined to left and right side beams (12) arranged so as to extend in the front-rear direction which is the direction in which the rails extend. The lateral beam (13) has a flat 10 shape having a width in the front-rear direction greater than the thickness thereof in the top-bottom direction, and the lateral beam (13) is provided with left and right joining sections (31) joined to the side beams (12), and also with an intermediate section (32) sandwiched between the left and right joining sections (31). The width of the intermediate section (32) in the front-rear direction is greater than the width of the joining sections (31) to the front-rear direction. A through-hole (33) is formed in the intermediate section (32). Refer to Fbure 1

No. of Pages: 34 No. of Claims: 8

(62) Divisional to Application Number

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING LIQUID LEVEL DETECTION DEVICE, AND LIQUID LEVEL DETECTION DEVICE \bullet

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:2010-011288	1)NIPPON SEIKI CO. LTD.
(32) Priority Date	:21/01/2010	Address of Applicant :2-34 Higashi-zaoh 2-chome Nagaoka-shi
(33) Name of priority country	:Japan	Niigata 940-8580 Japan
(86) International Application No	:PCT/JP2011/050639	(72)Name of Inventor:
Filing Date	:17/01/2011	1)TSUYOSHI TAKAHASHI
(87) International Publication No	:WO 2011/089992	2)TAKAYUKI YAMAURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method for manufacturing a liquid level detection device, which enables the simplification of the process of manufacturing the liquid level detection device and the reduction of manufacturing cost. First, a terminal continuous body (36) fanned by coupling, by a coupling member (37, 38), a plurality of terminals (35) each comprising a slide terminal (35a) which slides on an electrode that rotates by receiving the fluctuation of a float and an outer output terminal (35b) which outputs an electric signal to the outside is prepared. The prepared terminal continuous body (36) is disposed in a mold for molding a frame body (30) in which part of the terminal continuous body (36) is embedded. Next, a material for the frame body (30) is poured into the mold in which the terminal continuous body (36) is disposed to mold the frame body (30). Finally, the coupling member (37, 38) is out and removed from the molded frame body (30) to release the coupling between the terminals, thereby producing the frame body (30). Note that the coupling member (37, 38) connects the centers or the vicinities of the centers of the terminals (35).

No. of Pages: 26 No. of Claims: 7

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: COMPOSITION FOR DYEING KERATIN FIBRES INCLUDING AT LEAST ONE ORTHO DIPHENOL DERIVATIVE AND OXIDISING AGENT A CLAY AND AN ALKALISING AGENT

(51) International classification :A61K8/26,A61K8/34,A61K8/49 (71)Name of Applicant :

(31) Priority Document No :0959543 (32) Priority Date :23/12/2009

(33) Name of priority country :France

:PCT/FR2010/052844 (86) International Application No

Filing Date :21/12/2010 (87) International Publication No :WO 2011/086285

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)LOREAL

Address of Applicant :14 rue Royale F 75008 Paris France

(72)Name of Inventor: 1)CHOISY Patrick

(57) Abstract:

The invention relates to a composition including: a) at least one ortho diphenol derivative b) at least one oxidising agent c) at least one clay and d) at least one alkalising agent; to a method for dyeing keratin fibres by treating said fibres using the ingredients a) b) c) and d) and to the use thereof for dyeing keratin fibres. Said hair dyeing method provides better dyeing results which are more uniform chromatic long lasting and do not affect the cosmetic properties of the keratin fibres using mainly natural ortho diphenol extracts.

No. of Pages: 53 No. of Claims: 19

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : PROVIDING A PLURALITY OF VEHICLES, IN PARTICULAR TRACK BOUND VEHICLES, WITH ELECTRIC ENERGY

(51) International classification	:B60L 5/00	(71)Name of Applicant:
(31) Priority Document No	:0922544.2	1)BOMBARDIER TRANSPORATION GMBH
(32) Priority Date	:23/12/2009	Address of Applicant :SCHOENEBERGER UFER 1 10785 BERLIN
(33) Name of priority country	:U.K.	GERMANY Germany
(86) International Application No	:PCT/EP2010/007988	(72)Name of Inventor:
Filing Date	:21/12/2010	1)WORONOWICZ, KONRAD
(87) International Publication No	:WO 2011/076436	2)VOLLENWYDER, KURT
(61) Patent of Addition to Application Number	:NA	3)DICKSON, TIMOTHY RUSSELL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The invention relates to an arrangement for providing a plurality of vehicles (162), in particular track bound vehicles, with electric energy. The arrangement comprises an electric conductor arrangement for producing alternating electromagnetic fields and for thereby transferring electromagnetic energy to the vehicles (162). The conductor arrangement comprises a plurality of consecutive segments (157), wherein each segment (157) comprises at least one phase line (13 5a, 13 Sb, 1 35c) for carrying a phase of an alternating current. Corresponding phase lines of neighbouring consecutive segments are connected in series to each other. The arrangement comprises a direct current power supply line for supplying electric energy to the segments (157). A switching device (NV) for producing the alternating current of the conductor arrangement from the current carried by the power supply line is connected to each interface between two neighbouring consecutive segments (157). The arrangement comprises a control device (159) for controlling the operation of the switching devices (152) in such a manner that a first active sector (1 57b) of the conductor arrangement is operated to produce an electromagnetic field in order to transfer electromagnetic energy to a first vehicle (1 62a), wherein a first switching device (JINV A) is connected to a first end of the first sector (157b) and a second switching device (NV 1) are controlled to operate at a phase shift. A second active sector (157e) is operated to transfer energy to a second vehicle (162b). A third switching device (NV 3) is connected to a first end of the second sector (1 57e) and a fourth switching device are controlled to operate at a phase shift. The first to fourth switching device are controlled to produce no voltage across the phase line(s) of further segments (1 57c, 1 57d) in between the first (1 57b) and second (1 57e) active sector.

No. of Pages: 29 No. of Claims: 2

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD OF GENERATING NATURAL KILLER CELLS AND DENDRITIC CELLS FROM HUMAN EMBRYONIC STEM CELL DERIVED HEMANGIOBLASTS

(51) International classification	:C12N 5/078	(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:61/266,661 :04/12/2009	1)STEM CELL & REGENERATIVE MEDICINE INTERNATIOINAL, INC.
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US2010/058593	Address of Applicant :33 LOCKE DRIVE MARLBOROUGH MASSACHUSETTS 01752 UNITED STATES OF AMERICA U.S.A.
Filing Date (87) International Publication No	:01/12/2010 :WO 2011/068896	(72)Name of Inventor : 1)KIMBREL. ERIN
(61) Patent of Addition to Application Number	:NA	2)LU, SHI-JIANG
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

This invention provides methods of generating natural killer (NK) cells and dendritic cells (DCs). The Methods utilize human hemangioblasts as intermediate cells to generate the NK cells and DCs. In various embodiments, the methods do not require the use of stromal feeder layers.

No. of Pages: 36 No. of Claims: 38

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : LARGE SCALE GENERATION OF FUNCTIONAL MEGAKARYOCYTES AND PLATELETS FROM HUMAN EMBRYONIC STEM CELLS UNDER STROMAL-FREE CONDITIONS

(51) International classification	:C12N 5/00	(71)Name of Applicant :
(31) Priority Document No	:61/266,939	1)STEM CALL & REGENERATIVE MEDICINE
(32) Priority Date	:04/12/2009	INTERNATIONAL, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :33 LOCKE DRIVE MARLBOROUGH
(86) International Application No	:PCT/US2010/058990	MASSACHUSETTS 01752 UNITED STATES OF AMERICA U.S.A.
Filing Date	:03/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/069127	1)LI, FENG
(61) Patent of Addition to Application Number	:NA	2)LU, SHI- JIANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method of generating megakaryocytes and platelets. In various embodiments, method involves the use of human embryonic stem cell derived hemangioblasts for differentiation into megakaryocytes and platelets under serum and stromal-free condition. In this system, hESCs are directed towards megakaryocytes through embryoid body formation and hemangioblast differentiation. Further provided is a method of treating a subject in need of platelet transfusion.

No. of Pages: 89 No. of Claims: 57

(22) Date of filing of Application :23/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: STERILE DISPOSABLE REMOTE PNEUMATIC ACTUATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/296374 :19/01/2010 :U.S.A.	(71)Name of Applicant: 1)KLEIN Jeffrey Alan Address of Applicant: 30280 Rancho Viejo Road San Juan Capistrano CA 92675 U.S.A. (72)Name of Inventor: 1)KLEIN Jeffrey Alan
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(57) Abstract:

The various embodiments of the present invention relate to remote pneumatic (bellows action) actuators for switching applications which are preferably sterile and/or disposable. When compressed the bellows action actuator provides a pulse of air pressure sufficient to actuate a remotely located pneumatic switch configured to turn on/off an electrical mechanical or optical device. The pulse of air pressure is propagated along a non conducting tube thereby substantially reducing the risk of e.g. electric shock or Oignition/combustion associated with conventional electric switches in wet hazardous or medical environments.

No. of Pages: 59 No. of Claims: 31

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND SYSTEM TO AUTOMATICALLY IDENTIFY UNKNOWN IDENTITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W 12/02 :NA :NA :NA :PCT/EP2009/065780 :24/11/2009 :WO 2011/063831 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE - 164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)MADIGAN, TERRY 2)FIORILLO, LORENZO
Filing Date	:NA	

(57) Abstract:

The present invention relates to methods, nodes, arrangements and articles of manufacture to automatically identify unknown identities of a target. The method comprises the following steps: positioning indicators indicating presence of a known identity of the target in at least one location are periodically collected; - at least one mobile network is interrogated and lists of identities of users located in defined target areas, each area covering at least one of the collected positioning indicators, are fetched; - a crosscheck between the fetched lists is performed; a single or restricted number of identities that is common to the fetched lists is identified.

No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHODS AND ARRANGEMENTS IN A TELECOMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L 1/18 :61/389,437 :04/10/2010 :U.S.A. :PCT/SE2011/050929 :08/07/2011 :WO 2012/047147 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE - 164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)ABRAHAMSSON, RICHARD 2)BOSTROM, LISA 3)LINDSTROM, MAGNUS 4)JONGREN, GEORGE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and arrangement for controlling re-transmission in a user equipment supporting uplink spatial multiplexing. The method comprises the steps of - detecting an uplink grant on a physical downlink control channel (102), the uplink grant being valid for at least one transport block; - detecting that at least one transport block is disabled (103), such that no grant is associated with the at least one transport block; and - interpreting (106) the at least one disabled transport block as an acknowledgement, ACK, of previous transmission corresponding to said disabled transport block irrespective of which indication is received on the reception status feedback channel for said previous transmission.

No. of Pages: 29 No. of Claims: 12

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: BAG AND ARTICLE OF MANUFACTURE

		(71)Name of Applicant:
(51) International classification	:B65D 33/16	1)THE IAMS COMPANY
(31) Priority Document No	:12/643,115	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(32) Priority Date	:21/12/2009	CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/059465	1)ELLSWORTH, JUSTIN, ALAN
Filing Date	:08/12/2010	2)SCHUMACHER, LAWRENCE, ANDREW
(87) International Publication No	:WO 2011/078973	3)KERR, GEORGE, SCOTT
(61) Patent of Addition to Application Number	:NA	4)ROOT, ALLAN, JAY
Filing Date	:NA	5)CAMERON, DAVID P.
(62) Divisional to Application Number	:NA	6)LONG, DAVID, BRIAN
Filing Date	:NA	7)WEST, SOLOMON O'NEIL
		8)BRADLEY, JAMES, SCOTT

(57) Abstract:

An article of manufacture including a bag made of a multi-layer laminate. The bag can have a front surface, a rear surface, two sde surfaces, a bottom surface, and a top surface; the bag having a height, a width, and a depth, and an internal volume. The bag can be sealable and have a seal strength of at least about 1,600 pounds per square inch. The multi-layer laminate can have a thickness of from about 130 to about 200 microns. The plastic laminate can include an inner layer and an outer layer, wherein the outer layer can include a nylon and the inner layer can include a polyethylene. The plastic laminate can have a dart drop resistant of at least about 5 grams/mil and a tear resistance of at least about 6 grarnslmil and 9 grams/mil in the machine direction and cross direction, -respectively.

No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :24/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF A POLYISOCYANATE •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:C07C 233/00 :- :- :- :: :PCT/US04/024071 :28/07/2004 :WO 2006/022641 :NA :NA :398/DELNP/2007 :16/01/2007	(71)Name of Applicant: 1)HUNTSMAN INTERNATIONAL LLC Address of Applicant:500 Huntsman Way Salt Lake City UT 84108 U.S.A. (72)Name of Inventor: 1)RICHARD COLIN SMITH 2)ROBERT HENRY CARR
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(57) Abstract:

A process for the production of a polyisocyanate comprising (a) phosgenating a polyamine to form a polyisocyanate by reacting (1) the polyamine on which the polyisocyanate is based in solution in an inert solvent with (2) phosgene optionally in solution in an inert solvent, (b) separating any excess phosgene and any hydrogen chloride formed during the reaction of (a) from the reaction mixture, (c) separating the solvent and any highly volatile compounds containing isocyanate groups from the reaction mixture remaining after step (b) by evaporation, (d) recovering the product polyisocyanate which is the residue remaining after the evaporation of step (c), (e) recovering the solvent separated in step (c) by condensation of the vapors produced in step (c), (f) treating at least a portion of the solvent recovered in step (e) with an isocyanate trimerisation catalyst in order to convert isocyanate impurities.

No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR CONTROLLING POLYMER PARTICLE SIZE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08F 2/00 :12/632,490 :07/12/2009 :U.S.A.	(71)Name of Applicant: 1)CHEVRON PHILLIPS CHEMICAL COMPANY, LP Address of Applicant:10001 SIX PINES DRIVE, THE WOODLANDS, TEXAS 77380, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/056024	(72)Name of Inventor :
Filing Date (87) International Publication No	:09/11/2010 :WO 2011/071640	1)HOTTOVY, JOHN D. 2)HENDRICKSON, GREGORY G.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Techniques are provided for producing polymer particles of a size just slightly larger than the size of polymer fines. The technique may prevent or limit the occurrence of reactor fouls associated with large polymer particles. The technique also may provide a greater weight percentage of solids in the reactor. The desired polymer particle size may be achieved by employing a catalyst having particles of a size determined based on the expected catalyst productivity. In certain embodiments, the catalyst particle size may be determined based on the expected catalyst productivity, the polymer particle density, the catalyst particle density, and/or the polymer particle size.

No. of Pages: 67 No. of Claims: 33

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : SYSTEM, METHOD, AND APPAATUS FOR PROVIDING REDUNDANT POWER CONTROL USING A DIGITAL OUTPUT MODULE

(51) International classification	:G01R 31/317	(71)Name of Applicant:
(31) Priority Document No	:12/636,056	1)GE INTELLIGENT PLATFORMS. INC.
(32) Priority Date	:11/12/2009	Address of Applicant :2500 AUSTIN DRIVE CHARLOTTESVILLE,
(33) Name of priority country	:U.S.A.	VA 22911, USA U.S.A.
(86) International Application No	:PCT/US2010/056111	(72)Name of Inventor:
Filing Date	:10/11/2010	1)LUECKENBACH, WILLIAM HENRY
(87) International Publication No	:WO 2011/071644	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for providing redundant power control to a load using a digital output module includes coupling at least one sourcing driver to a voltage supply and to a first output terminal, coupling at least one sinking driver to a voltage return and to a second output terminal, and coupling a load to the first output terminal and to the second output terminal. The method also includes sensing a failure in one of the at least one sourcing driver and the at least one sinking driver.

No. of Pages: 23 No. of Claims: 20

(22) Date of filing of Application :07/06/2012

 $(43)\ Publication\ Date: 09/10/2015$

(54) Title of the invention: SYSTEM AND METHOD FOR TRANSFERRING ELECTRIC ENERGY TO A VEHICLE

(51) International classification	:B60L 5/00	(71)Name of Applicant:
(31) Priority Document No	:0922543.4	1)BOMBARDIER TRANSPORTATION GMBH
(32) Priority Date	:23/12/2009	Address of Applicant :SCHOENEBERGER UFER 1 10785 BERLIN
(33) Name of priority country	:U.K.	GERMANY Germany
(86) International Application No	:PCT/EP2010/007985	(72)Name of Inventor:
Filing Date	:21/12/2010	1)VOLLENWYDER, KURT
(87) International Publication No	:WO 2011/076433	2)DICKSON, TIMOTHY, RUSSELL
(61) Patent of Addition to Application Number	:NA	3)WORONOWICZ, KONRAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for transferring electric energy to a vehicle (81), in particular to a track bound vehicle such as a light rail vehicle, wherein - the system comprises an electric conductor arrangement for producing an alternating electromagnetic field and for thereby transferring electromagnetic energy to the vehicle (81), - the conductor arrangement comprises at least one and preferably a plurality of consecutive segments (Ti, T2, T3, T4, T5), wherein each segment (Ti, T2, T3, T4, T5) extends along a different section of the path of travel of the vehicle (81), - each segment (Ti, T2, T3, T4, T5) can be switched on and off separately of any other segment, - the vehicle (81) comprises at least one receiver (1) for receiving the electromagnetic energy, - the vehicle (81) comprises at least one signal transmitter (2) adapted to repeatedly or continuously emit an enable signal towards the track, - a signal receptor (Di, D2, D3, D4) is assigned to each segment (Ti, T2, T3, T4, T5), wherein the signal receptor (Dl, D2, D3, D4) enables the segment to produce the alternating electromagnetic field while the signal receptor (Dl, D2, D3, D4) receives the enable signal, wherein a segment control (3) is adapted to stop the operation of the segment when the enable signal is no longer received by the signal receptor (Di, D2, D3, D4) of the segment, - the vehicle (81) comprises a transmitter control arrangement adapted to stop transmitting the enable signal if the receiver andlor if any device combined with the receiver is not to be operated.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PEPTIDE BASED DRUG FOR THE INHIBITION OF ANGIOGENESIS

(51) International classification	:C07K5/083,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(33) Name of priority country	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KONERIAJAPURAM NATARAJAN SULOCHANA
(87) International Publication No	: NA	2)MOHAN ARUN
(61) Patent of Addition to Application Number	:NA	3)RENGANATHAN BHUVANASUNDAR
Filing Date	:NA	4)KARUNAKARAN CORAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a peptide based drug for the inhibition of angiogenesis. More particularly peptides based drug are derived from the sequence of lysyi oxidase (LOX) enzyme which inhibits the enzyme activity and hypoxia induced angiogenesis. The said peptides are derived from the conserved regions among the LOX isoforms. The current invention also provides a method for the treatment of angiogenesis. The present invention also provides a drug composition & a kit for the treatment of angiogenesis.

No. of Pages: 29 No. of Claims: 9

(21) Application No.5109/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN UNBONDED, FLEXIBLE PIPE

(51) International classification	:F16L 11/08	(71)Name of Applicant:
(31) Priority Document No	:2009-01328	1)NATIONAL OIL WELL VARCO DENMARK I/S
(32) Priority Date	:15/12/2009	Address of Applicant :PRIORPARKEN 480, DK-2605 BRONDBY
(33) Name of priority country	:Denmark	(DK) Denmark
(86) International Application No	:PCT/DK2010/050336	(72)Name of Inventor:
Filing Date	:13/12/2010	1)CHRISTENSEN, CLAUS DENCKER
(87) International Publication No	:WO 2011/072690	2)PROCIDA, INGER-MARGRETE
(61) Patent of Addition to Application Number	:NA	3)CHRISTENSEN, MARTIN DAMGAARD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an unbonded, flexible pipe having a length and comprising from inside out, a tubular inner sealing sheath, at least one metal armor layer and an outer sealing sheath of a sealing material. The unbonded, flexible pipe comprises at least one stiffened length section comprising a stiffening cover partially or totally surrounding the outer sealing sheath in the stiffened length section. The stiffening cover comprises a layer of a stiffening material having a flexural modulus which is higher than the flexural modulus of the sealing material, wherein the flexural modulus is determined according to ISO 178.

No. of Pages: 31 No. of Claims: 41

(21) Application No.5110/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: ACTUATOR AND SENSOR ASSEMBLY

(51) International classification	:G01D 5/14	(71)Name of Applicant :
(31) Priority Document No	:61/284.027	1)CTS CORPORATION
(32) Priority Date	:09/12/2009	Address of Applicant :905 WEST BOULEVARD NORTH,
(33) Name of priority country	:U.S.A.	ELKHART, INDIANA 46514, USA. U.S.A.
(86) International Application No	:PCT/US2010/059471	(72)Name of Inventor:
Filing Date	:08/12/2010	1)STORRIE WILLIAM
(87) International Publication No	:WO 2011/072018	2)NEWMAN ROBERT
(61) Patent of Addition to Application Number	:NA	3)BABIN BRIAN
Filing Date	:NA	4)WOLSCHLAGER KEVIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An actuator and sensor assembly comprising respective sensor and actuator housings defining an interior chamber. Clips on the sensor housing engage the actuator housing for coupling the sensor and actuator housings together. The sensor housing includes a wall defining a pocket. A connector with a sensor couples to the sensor housing in a relationship wherein the sensor extends into the sensor housing pocket. A movable piston is located in the interior chamber and a tube thereon defines a receptacle for a magnet located adjacent the pocket. The piston is seated on a flexible diaphragm. An actuator shaft includes one end coupled to the piston and an opposite end coupled to a movable object. A plurality of pins in the actuator housing mount the assembly to a support bracket. The sensor senses changes in the magnetic field in response to changes in the position of the magnet relative to the 5 sensor. Refer to Figure 2

No. of Pages: 31 No. of Claims: 17

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: 'WRITE POWER ADJUSTMENT AND INFORMATION RECORDING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:02/03/2010 :WO 2011/074277 :NA :NA	(71)Name of Applicant: 1)HITACHI CONSUMER ELECTRONICS CO., LTD. Address of Applicant: 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 1000004, JAPAN Japan (72)Name of Inventor: 1)ETO SOICHIRO 2)WATANABE KOICHI 3)MIYAMOTO HARUKAZU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In write power adjustment for an optical disc having a plurality of information storage layers, data of trial writing is varied by the influence of layers other than a target layer. It is difficult, therefore, to determine optimal write power. A modulation M[m] is obtained from a reproduction signal amplitude of a signal subjected to the trial writing performed with use of write powers Pw[m] (m being an integer) of a plurality of kinds. At least an optimum write power intercept Pint - opt is determined by fitting a relation between the Pw[m] and the M[m] by a modulation characteristic formula $M = Masy \times (1-(Pint-Pasy)/(Pw-Pasy))$ having an asymptotic modulation Masy, a write power intercept Pint, and an asymptotic write power Pasy as parameters. Approximation accuracy by the fitting andfor quality of the trial writing signal are evaluated with use of at least the M[m], the modulation characteristic formula, and the Pint-opt. An optimum write power Pw-opt is calculated by performing a specified operation at least with use of the Pint - opt.

No. of Pages: 55 No. of Claims: 16

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PROCESS FOR THE FREE RADICAL POLYMERISATION OF VINYL MONOMERS USING CHICKBEN FEATHER KERATIN AS CATALYST

(51) International classification :C08H1/06 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA (63) Filing Date :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor: 1)PATNAM PADMA LATHA 2)BANSAL ANKUSHI 3)INDU SHEKHAR 4)UMESH KUMAR 5)JAIN SUMAM LATA 6)RAY SIDDHARTH SANKAR 7)CHATTERJEE ALOK KUMAR
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(57) Abstract:

The present invention relates to the use of a novel multi functional bio molecule as a catalyst system to initiate free radical polymerization of vinyl monomers or other monomers. In particular chicken feather keratin is used as a free radical catalyst in aqueous medium with sodium dodecyl sulphate emulsifier (0.025- 0.15gm, SDS) using vinyl monomers such as methyl methacrylate (MAAA), glycidyl methacrylate (GAAA) and styrene (S) with high yield (70-20 wt%).

No. of Pages: 21 No. of Claims: 7

(21) Application No.4052/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING ELECTRICAL ENERGY WITH FUNCTIONS OF PRE PAY AND DATA COLLECTION BY MEANS OF AN OPTICAL DEVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country :Mexico	12 2013/000113 13	(71)Name of Applicant: 1)INSTITUTO DE INVESTIGACIONES EL‰CTRICAS Address of Applicant: Reforma No. 113 Col. Palmira C.P. 62490 Cuernavaca Morelos Mexico (72)Name of Inventor: 1)PASCACIO MALDONADO David 2)CAST • N LUNA Roberto 3)MIJAREZ CASTRO Rito 4)ANTŠNEZ ESTRADA Agustn Javier 5)RODR • GUEZ RODR • GUEZ Joaqun Hctor 6)GMEZ LPEZ Jos Mart • n
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(57) Abstract:

The invention relates to a system and a method for measuring electrical energy with functions of pre pay and data collection by means of an optical recharging device comprising an electronic pre pay meter with a supply connection/deconnection module an optical recharging device an energy sale purchase module a server containing measurement data collection and recharging management software and a remote communication network.

No. of Pages: 26 No. of Claims: 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4053/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR OPERATING A HIGH PRESSURE FUEL PUMP AND SYSTEM

:F02D41/38,F02D41/30,F02D41/12 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)CONTINENTAL AUTOMOTIVE GMBH :10 2013 215 958.7 (32) Priority Date :13/08/2013 Address of Applicant : Vahrenwalder Strae 9 30165 Hannover (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2014/066821 (72)Name of Inventor: Filing Date :05/08/2014 1)SCHMIDBAUER Thomas (87) International Publication No :WO 2015/022236 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A high pressure fuel pump (5) of a high pressure fuel accumulator (7) of a vehicle is operated for the purpose of storing hydraulic energy in the high pressure fuel accumulator (7) by way of the fuel in a manner dependent on a predefined efficiency range of the high pressure fuel pump (5) independently of a predefined motor rotational speed and independently of a predefined fuel demand.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: POLYMER COMPRISING MONOMERIC UNITS OF ETHYLENE, AN A-OLEFIN AND A VINYL NORBORNENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:C08F 10/00 :PCT/NL03/00503 :09/07/2003 :Netherlands :PCT/NL2004/000458 :29/06/2004 :WO 2005/005496 :NA :NA :170/DELNP/2006 :10/01/2006	(71)Name of Applicant: 1)DSM IP Assets B.V. Address of Applicant: HET OVERLOON 1, NL-6411 TE HEERLEN, THE NETHERLANDS, Netherlands (72)Name of Inventor: 1)WINDMULLER, PETER JOZEF HUBERT 2)VAN DOREMAELE, GERARDUS HENRICUS JOSEPHUS
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(57) Abstract:

The invention relates to a process for the preparation of a polymer comprising monomeric units of ethylene, an α -olefin and a vinyl norbornene applying as a catalyst system: a. a group 4 metal containing an unbridged catalyst having a single cyclopentadienyl ligand and a mono substituted nitrogen ligand, wherein said catalyst is defined by the Formula (I): b. an aluminoxane activating compound,, c. 0 - 0.20 mol per mol of the catalyst of a further activating compound, wherein Y is selected from the group consisting of: ai) a phosphorus substituent defined by the Formula II. The invention further relates to a polymer obtainable with the process of the invention.

No. of Pages: 21 No. of Claims: 5

(21) Application No.960/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: DIGITAL VOLUME MEASURING DEVICE USING 8052 MICROCONTROLLER

(51) International classification :G01	R23/16 (71)Name of Applicant:
(31) Priority Document No :NA	1)GHAI CHIRANJEEV
(32) Priority Date :NA	Address of Applicant :B-3/291, PASCHIM VIHAR NEW DELHI
(33) Name of priority country :NA	110063, INDIA. Delhi India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)GHAI CHIRANJEEV
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

A digital volume measuring device for use with a tank, includes a ultrasonic range Sensor to determine the height of liquid in the tank, a keypad to get the area and total height from the user, a microcontroller to calculate the volume and LCD to display the volume of liquid filled inside the tank digitally. As the level of liquid in the tank rises the floating disc rises. The sonic wave from the ultrasonic sensor gets reflected from the floating disc and sends the valu6 to the microcontroller for calculating the volume and microcontroller displays the volume on LCD digitally.

No. of Pages: 15 No. of Claims: 9

(21) Application No.983/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :04/04/2014

(43) Publication Date : 09/10/2015

(54) Title of the invention: MAGNETIC LEVITATING ELECTRIC CEILING FAN

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number SN (87) International Publication No (88) International Publication No (89) International Publication No (89) International Publication No (80) Patent of Addition to Application Number	Address of Applicant :S-109, NIVEDITA KUNJ, MS APARTMENT, R.K. PURAM, SECTOR-10, NEW DELHI 110022, INDIA. Delhi India (72)Name of Inventor: 1)ROY, BABUL
Filing Date :N (62) Divisional to Application Number :N	TA
Filing Date :N	IA

(57) Abstract:

A simple, highly energy efficient and safe design of magnetically suspended or magnetically levitating ceiling fan. Magneticlly suspended ceiling fan with flywheel machanism and magnetically suspended main rotating structure of the fan consisting of blade hubs and blade units. A highly energy/electricity efficient and noisless device. A secured/ safe devise as in the event of the losse in magnetic property the entire structure suspended on magnetic field will not coUaps, but simply will detach from the holder of the flywheel machanism to stop the fan blades to move any further. A simplest possible design for this type of ceiling fan.

No. of Pages: 9 No. of Claims: 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.5090/DELNP/2012 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: TOOTHBRUSH

(51) International classification	:A46B 3/22	(71)Name of Applicant:
(31) Priority Document No	:10 2009 057 483.2	1)BRAUN GMBH
(32) Priority Date	:10/12/2009	Address of Applicant :FRANKFURTER STRASSE 145, 61476
(33) Name of priority country	:Germany	KRONBERG/TAUNUS, GERMANY Germany
(86) International Application No	:PCT/IB2010/055759	2)STORKEL, JENS
Filing Date	:10/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/070550	1)VITT, MARTIN
(61) Patent of Addition to Application Number	:NA	2)WINKLER, TILMANN
Filing Date	:NA	3)SCHICHTEL, KATHRIN
(62) Divisional to Application Number	:NA	4)BALLMAIER, KATHI
Filing Date	:NA	

(57) Abstract:

A toothbrush having a toothbrush head with a top side at which deankg elements for cleaning teeth are arranged. The cleaning elements and the head can facilitate the removal of foam, plaque and undesired particles.

No. of Pages: 42 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : A POROUS, DISSOLVABLE SOLID SUBSTRATE AND A SURFACE RESIDENT COATING OF CATIONIC SURFACTANT CONDITIONER

(51) International classification	:A61K 8/02	(71)Name of Applicant :
(31) Priority Document No	:61/267,702	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:08/12/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:U.S.A.	CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/059359	(72)Name of Inventor:
Filing Date	:08/12/2010	1)GLENN, ROBERT, WAYNE, JR.
(87) International Publication No	:WO 2011/071964	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to hair care compositions, especially those hair care compositions in the form of a hair care article that is a porous dissolvable solid substrate. The porous dissolvable solid substrate has a surface resident coating comprising the cationic surfactant conditioner active that can provide a condition benefit.

No. of Pages: 51 No. of Claims: 15

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: COOLING STAVE FOR A METALLURGICAL FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:15/12/2010 :WO 2011/073223 :NA :NA	(71)Name of Applicant: 1)PAUL WURTH S.A. Address of Applicant:32, RUE D'ALSACE, L-1122 LUXEMBOURG, LUXEMBOURG Luxembourg (72)Name of Inventor: 1)THILLEN, GUY 2)HAUSEMER, LIONEL 3)MAGGIOLI, NICOLAS
. ,	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A cooling stave (100) for a metallurgical furnace, in particular for a blast furnace, has a metallic plate body (1 10) with a front face (1 12) and a rear face (1 14), and at least one internal coolant passage (120). A set of heat pipes (130) is associated to the coolant passage in the plate body (1 10) to improve heat transfer from the front face (1 12) to the associated coolant passage (120). According to the invention, each heat pipe (130) of the set is arranged within the plate body (1 10) with its condensation end portion (132) enclosed in metallic material of the plate body (1 10) contiguous to the associated coolant passage (120). Heat transfer from the condensation end portion (132) to the associated coolant passage (120) occurs through this region of metallic material. Fig. 1 I

No. of Pages: 31 No. of Claims: 19

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: LARGE AREA DEPOSITION OF GRAPHENE ON SUBSTRATES, AND PRODUCTS INCLUDING THE SAME

(51) International classification	:C01B 31/04	(71)Name of Applicant:
(31) Priority Document No	:12/654,269	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:15/12/2009	Address of Applicant :2300 HARMON ROAD, AUBURN HILLS,
(33) Name of priority country	:U.S.A.	MI 48326-1714, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/003044	(72)Name of Inventor:
Filing Date	:24/11/2010	1)VEERASAMY, VIJAYEN, S.
(87) International Publication No	:WO 2011/075158	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Certain example embodiments of this invention relate to the use d graphene as transparent conductive coating (TCC). A substrate having a surface to be coated is provided. A self-assembled monolayer (SAM) template is disposed on the surface to be coated. A precursor comprising a precursor molecule is provided, with the precursor molecule being a polycyclic aromatic hydrocarbon (PAH) and discotic molecule. The precursor is dissolved to form a solution. The solution is applied to the substrate having the SAM template disposed thereon. The precursor molecule is photochemically attached to the SAM template. The substrate is heated to at least 450 degrees C to form a graphene-inclusive film. Advantageously, the graphene-inclusive film may be provided directly on the substrate, e.g., without the need for a liftoff process.

No. of Pages: 60 No. of Claims: 25

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: SOLAR PANELS HAVING IMPROVED CORROSION PROPERTIES

(51) International classification	:H01L 31/042	(71)Name of Applicant :
(31) Priority Document No	:10 2009 059 105.2	1)SCHOTT AG
(32) Priority Date	:18/12/2009	Address of Applicant :HATTENBERGSTRAE 10, 55014 MAINZ
(33) Name of priority country	:Germany	(DE) Germany
(86) International Application No	:PCT/EP2010/070150	(72)Name of Inventor:
Filing Date	:17/12/2010	1)NATTERMANN, KURT
(87) International Publication No	:WO 2011/073423	2)WEBER, URBAN
(61) Patent of Addition to Application Number	:NA	3)ENGELMANN, HARRY
Filing Date	:NA	4)ZACHMANN, PETER
(62) Divisional to Application Number	:NA	5)SCHWIRTLICH, INGO
Filing Date	:NA	6)FLIEDNER, UWE

(57) Abstract:

The invention relates to solar modules (I), comprising a front pane (2), an inter layer (4) into which solar cells (6) are embedded, and at least one back side foil (3). These solar modules have a longer life time due to the particular configuration of at least one back side foil. Furthermore, the solar modules are advantageous in that they can be produced in a cost-effective and simple manner.

No. of Pages: 22 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.994/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : CRICKET CARD GAME

(51) International classification	:A63F3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHISH TRIKHA
(32) Priority Date	:NA	Address of Applicant :150, KOHAT ENCLAVE, PITAM PURA,
(33) Name of priority country	:NA	DELHI-110034. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASHISH TRIKHA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 4 No. of Claims: 8

^{1.} A Card Game for simulating the Game of Cricket, Where the outcome of every ball will be decided by matching the Batsman position on Batting card with the corresponding result mentioned on the Bowling Card.

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : A NOVEL MELAMINE-CHROME COMPLEX FOR LEATHER PROCESSING AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C14C3/20,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(33) Name of priority country	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KALARICAL JANARDHANAN SREERAM
(87) International Publication No	: NA	2)SELVAM SANGEETHA
(61) Patent of Addition to Application Number	:NA	3)GLADSTONE CHRISTOPHER JAYAKUMAR
Filing Date	:NA	4)JONNALAGADDA RAGHAVA RAO
(62) Divisional to Application Number	:NA	5)BALACHANDRAN UNNI NAIR
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel melamine-chrome complex comprising imine groups. It is essentially a formaldehyde free chromium complex consisting of a dialdehyde capable of performing rechroming and retanning in a single step. A process for preparing the said eco-benign complex is also provided. The complex is available in both solid as well as liquid form. When applied in leather processing, it confers thermal stability to hides/skins. It also helps in filling the empty regions within the fibre matrix, thereby providing fuller leather.

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :20/07/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the \ invention: GLUCAGON \ ANTAGONIST - GIP \ AGONIST \ CONJUGATES \ AND \ COMPOSITIONS \ FOR \ THE \ TREATMENT \ OF METABOLIC DISORDERS \ AND \ OBESITY$

(51) International classification	:A61K38/26	(71)Name of Applicant:
(31) Priority Document No	:61/298812	1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY
(32) Priority Date	:27/01/2010	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :351 West 10th Street Indianapolis IN 46202
(86) International Application No	:PCT/US2011/022608	U.S.A.
Filing Date	:26/01/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/094337	1)DIMARCHI Richard D.
(61) Patent of Addition to Application Number	:NA	2)MAT Tao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

Provided herein are peptide combinations comprising a GIP agonist peptide and a glucagon antagonist peptide. In some embodiments the peptide combination is provided as a composition e.g. a pharmaceutical composition while in other embodiments the peptide combination is provided as a kit. In yet other embodiments the peptide combination is provided as a conjugate e.g. a fusion peptide a heterodimer. In specific aspects the GIP agonist peptide is an analog of native human glucagon. In some embodiments the GIP agonist peptide is covalently attached to the glucagon antagonist peptide via a linker. Methods of treating a disease e.g. a metabolic disorder such as diabetes and obesity comprising administering the peptide compositions described herein are further provided.

No. of Pages: 942 No. of Claims: 286

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: BEVERAGE DISPENSER WITH SAFE CLEANING ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47J31/60,A47J31/44 :10152558.2 :03/02/2010 :EPO :PCT/EP2011/051455 :02/02/2011 :WO 2011/095511 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)PERETTI Lionel 2)LARZUL David 3)RITHENER Blaise
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(57) Abstract:

A beverage preparation machine (1) has: a housing (5); a duct (10) with an outlet (15); a conduit (20) upstream the duct and connected thereto; and a waste liquid collector (30) arranged to collect waste liquid from the outlet. The duct has: an operative position for circulating beverage through the conduit and dispensing said beverage from the outlet outside the housing above a user receptacle filling area (35); and a cleaning position for circulating cleaning fluid through the conduit and evacuating said cleaning fluid from the outlet inside the housing to the waste liquid collector. The duct is pivotally assembled about a pivoting axis (11) to the conduit for pivoting the outlet between the operative position and the cleaning position.

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF POLYMERIC BIOSURFACTANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor: 1)CHITYAL GANESH KUMAR 2)POMBALA SUJITHA
ϵ		,
Filing Date	:NA	

(57) Abstract:

The present invention relates to polymeric biosurfactants isolated from two bacterial strains of Microbacterium sp. strain BS-2 [MTCC 5822] and Brevibacillus sp. strain BS-207 [MTCC 5823]. The present invention relates to an acidic exopolysaccharide (EPS), termed Microsan, with chemical composition of glucose, mannose and glucuronic acid (P-D-glucuronyl-(l-2)-D-mannosyl-(l-4)-Dglucose) produced by Microbacterium sp. strain BS-2 and a neutral EPS, termed Brevisan, of galactomannan with galactose and mannose residues in the ratio of 1:1 produced by Brevibacillus sp. strain BS-207. Both these polysaccharides exhibited surface-active and potential antibacterial, antioxidant, antiinflammatory and immunomodulatory activities.

No. of Pages: 71 No. of Claims: 12

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : AN ECO-FRIENDLY ELECTROLYTIC PROCESS FOR THE REMOVAL OF CORROSION PRODUCTS FORM ALUMINIUM AND ALUMINIUM ALLOYS

(51) International classification	:C22C19/03	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(33) Name of priority country	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOPALAN SUBRAMANIAN
(87) International Publication No	: NA	2)SIRONMANI PALRAJ
(61) Patent of Addition to Application Number	:NA	3)RAMAMOORTHY RAVISHANKAR
Filing Date	:NA	4)SEENI PALANICHAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Keeping in mind the practical and operational difficulties involved in the conventional methods of removal of corrosion products from aluminium and aluminum alloys, an ecofriendly electrolytic method has been developed for the removal of corrosion products from aluminium & aluminium alloys. The process as a whole is commercially viable and cost effective with regard to bulk handling of tiny & intricate aluminium & aluminium alloys components such as, fasteners, bolts & nuts, nails, clips, hooks & eyes and hooks as compared to the hitherto known methods. The electrolyte used in the process can be reused even after several operations of cleaning.

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: FAN PROPELLER, IN PARTICULAR FOR MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:08/11/2010 :WO 2011/069762 :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant:8, RUE LOUIS LORMAND, LA VERRIERE, F-78320 LE MESNIL-SAINT-DENIS, FRANCE France (72)Name of Inventor: 1)MANUEL HENNER 2)BRUNO DEMORY
C		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fan propeller comprises blades (14), each of which has a general profile of the aircraft wing type, with a leading edge (28) and a trailing edge (30), a neutral axis (32) and a span (36) between the leading edge (28) and the trailing edge (30). According to one embodiment, the blade (14) has, on at least part of its length, a profile shaped such that the neutral axis (32) makes possible a point of contraflexure (34), and has two opposite concavities, i.e. a positive concavity (C1) between the leading edge (28) and the point of contraflexure (34), and a negative concavity (C2) between the point of contraflexure (34) and the trailing edge (30). Application to motor vehicles.

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: ENCODER USING MAGNET DROP OUT FEATURE FOR THEFT DETECTION •

(51) International classification	:G01B7/30	(71)Name of Applicant:
(31) Priority Document No	:61/289,756	1)MEASUREMENT SPECIALTIES INC.
(32) Priority Date	:23/12/2009	Address of Applicant :1000 Lucas Way Hampton Virginia 23666
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/059340	(72)Name of Inventor:
Filing Date	:07/12/2010	1)PHILLIP A. AMANTE
(87) International Publication No	:WO 2011/078967	2)JEFFREY CREAK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An encoder to be mounted to a shaft extending from a piston meter configured to compute a volume of distributed fluid includes a magnet affixed to the shaft via a floating magnet holder, a magnetic sensor configured to sense the flux density and direction of a magnetic field created by the magnet and to output a signal indicating the flux density and direction of the magnetic field to a printed circuit board, and the printed circuit board configured to output a signal indicating the volume of distributed fluid if the encoder has not been tampered with and configured to output an error signal if the encoder has been tampered with.

No. of Pages: 32 No. of Claims: 20

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRIPLE COMBINATION FOR LOWERING INTRAOCULAR PRES SURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/12/2010 :WO 2011/087790 :NA :NA	(71)Name of Applicant: 1)ALLERGAN INC. Address of Applicant: 2525 Dupont Drive T2-7H Irvine CA 92612 United States of America U.S.A. (72)Name of Inventor: 1)CHETAN P. PUJARA
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein are compositions for lowering intraocular pressure (IOP) of an eye comprising a combination of the IOP -lowering agents bimatoprost, brimonidine, and timolol. Further disclosed are methods for reducing IOP in the eye of a subject.

No. of Pages: 25 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR CONSTRUCTING CODIRECTIONALLY ROTATING, MUTUALLY TOUCHING BODIES

(51) International classification :B29C 47/40 (31) Priority Document No :10 2009 057 1 (32) Priority Date :08/12/2009 (33) Name of priority country :Germany (86) International Application No :PCT/EP2010/Filing Date :03/12/2010 (87) International Publication No :WO 2011/069 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :CREATIVE CAMPUS MONHEIM BLDG. 4865, ALFRED-NOBEL-STR. 10, D 40789 MONHEIM, GERMANY Germany (72)Name of Inventor:
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(57) Abstract:

The invention relates to a method for constructing bodies which, while rotating codirectionally about axes arranged in parallel, constantly touch one another at at least one point.

No. of Pages: 31 No. of Claims: 15

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: RECONFIGURABLE COMPUTING SYSTEM WITH REAL-TIME OPERATING SYSTEM SUPPORT

		(71)Name of Applicant:
(51) International classification	:G06F15/78	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(32) Priority Date	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KOTA SOLOMON RAJU
Filing Date	:NA	2)POKKUNURI BHANU PRASAD
(87) International Publication No	: NA	3)TANWAR PRAMOD KUMAR
(61) Patent of Addition to Application Number	:NA	4)MERUGU NAGA SOWJANYA
Filing Date	:NA	5)MISHRA VAIBHAWA
(62) Divisional to Application Number	:NA	6)MISHRA DIVYAM
Filing Date	:NA	7)VERMA SUNITA
		8)CHANDRA SHEKHAR

(57) Abstract:

The present invention relates to reconfigurable computing system (RCS) designed and implemented with real-time operating system (RTOS) support which is required for real time applications in the areas such as avionics, highly sensitive security, surveillance, automotive, software-defined radio (SDR), global positioning system (GPS), image processing and graphics oriented real-time systems. The developed system design methodology analyzes the embedded computing domain to present the target architecture for a given application. Based on functional requirements, the architecture is proposed depending upon the available hardware resources. The scheduling and mapping algorithm has been designed and implemented to take care of run-time allocation of the tasks as per the fix and reconfigurable hardware. The application has been in the form of DAG.

No. of Pages: 32 No. of Claims: 14

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: FUSER AND SEALER INTEGRATED SYSTEM

(51) International classification	:H02G15/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GE HEALTHCARE BIO-SCIENCES AB
(32) Priority Date	:NA	Address of Applicant :Patent Department, Bjrkgatan 30, SE-751 84
(33) Name of priority country	:NA	Uppsala, Sweden Sweden
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HARESH DIGAMBAR PATIL
(87) International Publication No	: NA	2)PARTHA SARATHY DODDAPADAM SRINIVASA
(61) Patent of Addition to Application Number	:NA	RAGHAVACHAR
Filing Date	:NA	3)GANESAN MARIYAPPAN
(62) Divisional to Application Number	:NA	4)PRASHANTH HOSABETTU MOHAN
Filing Date	:NA	

(57) Abstract:

An integrated system for fusing and sealing of a plurality of tubes is disclosed. The integrated system includes one or more fusing units configured to cut one or more tubes of multiple tubes simultaneously, and fusing the one or more tubes together along their respective cut ends; one or more sealing units configured to seal an end of the tube of the multiple tubes; and a control unit for controlling functions of the one or more fusing units and the one or more sealing units.

No. of Pages: 40 No. of Claims: 24

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: DISPENSING ASSEMBLY FOR A PELTON TURBINE WHEEL, AND PELTON TURBINE COMPRISING SUCH A DISPENSING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F03B 1/04 :0958741 :08/12/2009 :France :PCT/FR2010/052634 :07/12/2010	(71)Name of Applicant: 1)ALSTOM HYDRO FRANCE Address of Applicant: 3 AVENUE ANDRE MALRAUX, F-92300 LEVALLOIS PERRET, FRANCE France (72)Name of Inventor: 1)THEOPHANE FOGGIA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/070289 :NA :NA :NA :NA	2)JEAN BERNARD HOUDELINE

(57) Abstract:

Said dispensing assembly (I), for a Pelton turbine wheel (R), includes a dispensing pipe (20), having the shape of a torus portion, and a plurality of 5 injection pipes (31-35) that are distributed around the site of the wheel (R) so as to inject water into the buckets. Each injection pipe (31-35) is connected to the dispensing pipe (20). The dispensing assembly (1) comprises at least one auxiliary pipe (310-340, 350) that includes an outlet (340.2, 350.2), connected to the inner portion of an injection pipe (31-35), and an inlet (340.1, 350.1), directly connected 10 to the dispensing pipe (20) upstream from said corresponding injection pipe (31-35), between the inlet of said injection pipe (31-35) and the inlet (340.1, 350.1) of the preceding injection pipe (31-35) in the water flow direction.

No. of Pages: 20 No. of Claims: 10

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: METHOD \ FOR \ PERFORMING \ HANDOVER, \ USER \ EQUIPMENT, \ BASE \ STATION, \ AND \ RADIO \ COMMUNICATION \ SYSTEM'$

(51) International	classification	:H04W 72/04	(71)Name of Applicant:
(31) Priority Doc	ument No	:2009-285373	1)SONY CORPORATION
(32) Priority Date		:16/12/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 108-
(33) Name of prior	ority country	:Japan	0075, JAPAN Japan
(86) International	Application No	:PCT/JP2010/007036	(72)Name of Inventor :
Filing Date		:02/12/2010	1)HIROAKI TAKANO
(87) International	Publication No	:WO 2011/074200	2)KAZUYUKI SAKODA
(61) Patent of Ad	dition to Application Number	:NA	
Filing Date		:NA	
(62) Divisional to	Application Number	:NA	
Filing Date		:NA	

(57) Abstract:

According to embodiments, a base station includes a radio communication unit configured to establish communication with a mobile communication terminal using a plurality of component carriers. The base station further includes a control unit configured to transmit a command to the mobile communication terminal to reduce 10 the plurality of component carriers to one prior to handover of communication between the mobile communication terminal and the base station to another base station.

No. of Pages: 55 No. of Claims: 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6441/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012 (43) Publication Date: 09/10/2015

(54) Title of the invention: NUTRITIONAL EMULSIONS COMPRISING CALCIUM HMB

(51) International classification :A23L1/30,A61K31/19,A23L1/29 (71)Name of Applicant :

(31) Priority Document No :61/299649 (32) Priority Date :29/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/022947 Filing Date :28/01/2011

(87) International Publication No :WO 2011/094557

(61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date

1)ABBOTT LABORATORIES

Address of Applicant :Dept 377/AP6P 1 100 Abbott Park Road

Abbott Park Illinois 60064 U.S.A.

(72)Name of Inventor:

1)JOHNS Paul W

2)KENSLER Ann

(57) Abstract:

Disclosed are nutritional emulsions comprising fat, carbohydrate, protein, and calcium HMB, wherein the nutritional emulsion has a weight ratio of a soluble calcium binding capacity to soluble calcium of from about 2.3 to about 12.0. Also disclosed are nutritional emulsions comprising fat, carbohydrate, protein, and calcium HMB, wherein the nutritional emulsion comprises less than 900 mg/L of soluble calcium in a weight ratio of calcium HMB to soluble calcium of from 6:1 to 15:1. The nutritional emulsions are surprisingly stable and generate minimal or no bitter flavors or after taste over time.

No. of Pages: 27 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4071/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR EFFICIENTLY COMPILING MEDIA CONTENT ITEMS FOR A MEDIA ON DEMAND PLATFORM

(51) International classification :H04N21/258,H04N21/25,H04N21/231 (71)Name of Applicant :

(31) Priority Document No :12189860.5 (32) Priority Date :25/10/2012

(33) Name of priority country

(86) International Application No :PCT/EP2013/072457

Filing Date :25/10/2013

(87) International Publication No: WO 2014/064281 (61) Patent of Addition to

:NA Application Number :NA

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)FUNKE DIGITAL TV GUIDE GMBH

Address of Applicant :Schiffbauerdamm 22 10117 Berlin Germany

(72)Name of Inventor:

1)KORST Jan

2)BARBIERI Mauro

3)PRONK Serverius Petrus Paulus 4)CLOUT Ramon Antoine Wiro

5)SCHENK Paul

(57) Abstract:

For the negotiation of an operator of a media on demand platform with its content providers a method and system for efficiently compiling media content items for the media on demand platform is provided. The method makes use of a combination of a recommender system to select a suitable set of media content items to be offered for a next period of service and a number of rentals predictor for estimating how many videos individual users will rent the following period of service. Furthermore the method and system can be executed for estimating profit or loss from rentals over the following period of service as well as estimate customer satisfaction.

No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: EVALUATING POROSITY DISTRIBUTION WITHIN A POROUS ROD

(51) International classification	:G06T7/00,B65B19/30	(71)Name of Applicant:
(31) Priority Document No	:13155127.7	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:13/02/2013	Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2014/052861	(72)Name of Inventor:
Filing Date	:13/02/2014	1)GINDRAT Pierre Yves
(87) International Publication No	:WO 2014/125049	2)NORDLUND Karl Markus
(61) Patent of Addition to Application Number	:NA	3)KLIPFEL Yorick
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a method for evaluating porosity distribution within a porous article such as a crimped filter a tobacco plug or a cigarette a digital image is obtained of a transverse area of the article and a pore area fraction is determined for each of a plurality of identically dimensioned sub areas of the transverse area of the article. This provides a plurality of pore area fractions. The plurality of pore area fractions allow the evaluation of a local porosity distribution within the transverse area of the porous article. Each sub area within which a pore area fraction is calculated overlaps with at least one adjacent sub area by between 10% and 95%. The method for quantitatively evaluating porosity distribution may be used to control a process for manufacturing the porous article.

No. of Pages: 28 No. of Claims: 28

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention : ORAL CARE COMPOSITIONS COMPRISING CALCIUM CARBONATE AND A PRESERVATIVE SYSTEM BASED ON BENZYL ALCOHOL OR BENZOIC ACID AND AN ALKYLENE GLYCOL.

(51) International classification :A61Q11/00,A61K8/34,A61K8/368 | (71)Name of Applicant : 1)COLGATE PALMOLIVE COMPANY (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :300 Park Avenue New York New York 10022 (33) Name of priority country :NA U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/067548 Filing Date :03/12/2012 1)NESTA Jason (87) International Publication No :WO 2014/088536 2)MARTINETTI Melissa (61) Patent of Addition to Application:NA 3)CABELLY Aileen Number 4)BROWN James R. :NA Filing Date 5)CHOPRA Suman (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Disclosed herein are oral care compositions comprising an orally acceptable vehicle calcium carbonate and a preservative system comprising benzyl alcohol benzoic acid or a salt of benzoic acid; and an alkylene glycol.

No. of Pages: 23 No. of Claims: 41

(21) Application No.4074/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMPOSITIONS AND METHODS FOR TREATING DENTAL CARIES

(51) International classification	:A61Q11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York 10022
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2012/067547	(72)Name of Inventor:
Filing Date	:03/12/2012	1)SANTARPIA III Ralph Peter
(87) International Publication No	:WO 2014/088535	2)PAPPAS Iraklis
(61) Patent of Addition to Application Number	:NA	3)GITTINS Elizabeth
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein are oral compositions comprising a basic amino acid in free or salt form and a sesquiterpene alcohol; and methods of making and using the same.

No. of Pages: 20 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2015

(21) Application No.4075/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: WIND POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F03D1/06 :10 2012 023 896.7 :07/12/2012 :Germany :PCT/EP2013/073753 :13/11/2013 :WO 2014/086564 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)ALTMIKUS Andree
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for fastening a trailing edge crest to a rotor blade of a wind power plant wherein the rotor blade has a pressure side and a suction side and an essentially straight end edge. A spring section protruding backwards is provided on the end ridge such that in the region of the spring section a step to the pressure side and to the suction side respectively is formed. Furthermore the trailing edge crest or a part thereof is placed upon the spring section such that the trailing edge crest in the region of the step is flush with the suction side and/or the pressure side. Fig. 4

No. of Pages: 26 No. of Claims: 16

(21) Application No.4084/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: A METHOD FOR MANUFACTURING A METAL SHEET WITH A ZNAL COATING AND WITH OPTIMISED DRYING CORRESPONDING METAL SHEET PART AND VEHICLE

(51) International classification :C23C2/06,C23C2/20,C23C2/26 (71)Name of Applicant : (31) Priority Document No :PCT/FR2013/050479 (32) Priority Date :06/03/2013 (33) Name of priority country :France :PCT/IB2014/058879

(86) International Application No Filing Date :10/02/2014 :WO 2014/135999

(87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA 1)ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L.

Address of Applicant: CL/Chavarri 6 E 48910 Sestao Spain

(72)Name of Inventor:

1)MATAIGNE Jean Michel 2)DAUCHELLE Didier 3)BERTRAND Florence

(57) Abstract:

In the present method at least one of the equations (A B) is fulfilled where: Z is the distance between the metal sheet (1) and the nozzle (17) in the main discharge direction (E) Z being expressed in mm d is the mean height of the outlet (25) of the nozzle (17) in the direction (S) of travel of the metal sheet (1) in front of the nozzle (17) d being expressed in mm V is the speed of travel of the metal sheet (1) in front of the nozzle (17) V being expressed in m.s P is the pressure of the drying gas in the nozzle (17) P being expressed in N.m and fO is the volume fraction of oxygen in the drying gas.

No. of Pages: 18 No. of Claims: 18

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : HEAT-CURABLE EPOXY FUNCTIONAL COMPOSITION AND TRANSPARENT HEAT-CURED CAUSTIC-RESISTANT HARD-COATINGS PREPARED THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G 59/38 :NA :NA :NA :PCT/US2009/068446 :17/12/2009 :WO 2011/075128	(71)Name of Applicant: 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) Address of Applicant:147 RUE DE PARIS, F-94220 CHARENTON LE PONT, FRANCE France (72)Name of Inventor: 1)VALERI, ROBERT
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/075128 :NA :NA :NA :NA	1)VALERI, ROBERT

(57) Abstract:

A heat-curable composition comprises - from 25 to 65 % by weight of a mixture of epoxyfunctional monomers, said mixture consisting of at least one polyfunctional epoxy monomer selected from monomers comprising from 4 to 8 glycidyl groups and/or cycloaliphatic epoxy groups, and at least one bi- or tri-functional epoxy monomer selected from monomers comprising two or three glycidyl groups and/or cycloaliphatic epoxy groups, - from 25 to 70 % by weight of at least one organic solvent selected from glycol monoethers, - from 2.5 to 5 % by weight, relative to the total weight of epoxyfunctional monomers (a) and (b), of at least one blocked strong acid catalyst, said heat-curable composition not containing any nonepoxyfunctional monomers, in particular not containing any acrylic, methacrylic or silane monomers.

No. of Pages: 22 No. of Claims: 20

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: PARTICLES FOR MULTIPLE AGENT DELIVERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 47/48 :61/287,188 :16/12/2009 :U.S.A. :PCT/US2010/060814 :16/12/2010 :WO 2011/084620 :NA :NA :NA	(71)Name of Applicant: 1)BRIGHAM AND WOMEN'S HOSPITAL,INC. Address of Applicant: 75 FRANCIS STREET, BOSTON, MASSACHUSETTS 02115, UNITED STATES OF AMERICA U.S.A. 2)MASSACHUSETTS INSTITUTE OF TECHNOLOGY (72)Name of Inventor: 1)FAROKHZAD, OMID C. 2)KILISHETTI, NAGESH 3)DHAR, SHANTA 4)LIPPARD, STEPHEN J. 5)NA 6)LANGER, ROBERT, S. 7)NA 8)VALENCIA, PEDRO, M.
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(57) Abstract:

Delivery compositions are provided that include two or more active agents, wherein at least one active agent is conjugated to a polymer. The delivery compositions allow for controlled release of multiple active agents, including active agents with varying solubility, charge, and/or molecular weight.

No. of Pages: 80 No. of Claims: 20

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN ELECTRIC BATTERY CONTAINING TANNERY EFFLUENT AS AN ELECTROLYTE

		(71)Name of Applicant:
(51) International classification	:C02F1/467	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(32) Priority Date	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)UMMADISETTY VENKATESWARLU
Filing Date	:NA	2)THOTAPALLI PARVATHALESWARA SASTRY
(87) International Publication No	: NA	3)SANTHANAM SEKAR
(61) Patent of Addition to Application Number	:NA	4)CHELLAN ROSE
Filing Date	:NA	5)UTHIRAPPAN MANI
(62) Divisional to Application Number	:NA	6)CHIDAMBARAM KAMARAJ
Filing Date	:NA	7)BOREDDY SIVARAMI REDDY
		8)MANDAL ASIT BARAN

(57) Abstract:

The invention provides an electric battery that comprises a combination of cells connected either in parallel or series. Each cell is composed of one positive electrode selected from carbon, lead; a negative electrode selected as Iron; and an electrolyte prepared from chemically modified tannery effluent water using an inorganic salt. Advantage of the invention is to utilize the tannery effluent water which causes pollution to the environment.

No. of Pages: 9 No. of Claims: 9

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR CONTENT SEARCHING

(51) International classification	:G06F17/30,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong, Yeongtong-GU, Suwon- SI,
(33) Name of priority country	:NA	Gyeonggi-do 442-742 (KR) Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, Sumit
(87) International Publication No	: NA	2)NIMJE, Snehil
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method of content searching, comprising registering a plurality of tabs, wherein each of the plurality of tab is operable to display a web page, wherein each web page has a corresponding document object model (DOM) structure; receiving a keyword for content searching in the plurality of tabs; automatically fetching a plurality of document object model (DOM) structures; analyzing each of the DOM structure for presence of the keyword; and filtering the web pages based on the analysis. Additionally the invention discloses a system implementing the aforesaid method.

No. of Pages: 32 No. of Claims: 14

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEMORY DEVICE AND SEMICONDUCTOR DEVICE

(57) Abstract:

It is an object to provide a memory device whose power consumption can be suppressed and a semiconductor device including the memory device. As a switching element for holding electric charge accumulated in a transistor which functions as a memory element, a transistor including an oxide semiconductor film as an active layer is provided for each memory cell in the memory device. The transistor which is used 10 as a memory element has a first gate electrode, a second gate electrode, a semiconductor film located between the first gate electrode and the second gate electrode and the semiconductor film, a second insulating film located between the second gate electrode and the semiconductor film, and a source electrode and a drain electrode in contact with the semiconductor 15 film.

No. of Pages: 109 No. of Claims: 24

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: HIGH RESOLUTION ELECTRICAL STIMULATION LEADS

(51) International classification	:A61N 1/05	(71)Name of Applicant :
` /	.A011\ 1/03	
(31) Priority Document No	:09180684.4	1)SAPIENS STEERING BRAIN STIMULATION B.V.
(32) Priority Date	:23/12/2009	Address of Applicant :HIGH TECH CAMPUS 48-1 NL - 5656 AE
(33) Name of priority country	:EUROPEAN	EINDHOVEN NETHERLANDS (NL) Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/IB2010/055975	1)MARTENS, HUBERT, CECILE, FRANCOIS
Filing Date	:21/12/2010	2)DECRE, MICHEL, MARCEL, JOSE
(87) International Publication No	:WO 2011/077368	3)TOADER, EMIL-CODRUT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System for providing a stimulus comprising a probe with multiple electrodes each capable of providing a particular current to surrounding tissue a generator for providing to each of the electrodes the particular current a controller for controlling the generator to provide current to the electrodes to achieve a desired electrical field around the probe. Fig. 4

No. of Pages: 31 No. of Claims: 13

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: ELECTRICAL \ WIRE \ COMPRISING \ AN \ AROMATIC \ POLYKETONE \ AND \ POLYSILOXANE/POLYIMIDE \ BLOCK \ COPOLYMER \ COMPOSITION$

(51) International classification	:H01B 3/00	(71)Name of Applicant :
(31) Priority Document No	:12/650,950	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:31/12/2009	Address of Applicant :PLASTICSLAAN 1, NL-4612 PX BERGEN
(33) Name of priority country	:U.S.A.	OP ZOOM NETHERLANDS (NL) Netherlands
(86) International Application No	:PCT/US2010/062193	(72)Name of Inventor:
Filing Date	:28/12/2010	1)BHANDARI, YASHPAL
(87) International Publication No	:WO 2011/082149	2)GURULINGAMURTHY, HARALUR
(61) Patent of Addition to Application Number	:NA	3)SHETH, KAPIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electrical wire comprising a conductor and a covering disposed over the conductor. The covering comprises a thermoplastic composition. The thermoplastic composition comprises a blend of an aromatic polyketone and a polysiloxane/polyimide block copolymer. The composition can further comprise one or more additives.

No. of Pages: 39 No. of Claims: 10

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: AN \ YTTRIA \ STABILIZED \ ZIRCONIA \ REINFORCED \ NICKEL-COBALT \ BASED \ METAL \ MATRIX \ COMPOSITE \ AND \ METHOD FOR \ THE \ PREPARATION \ THEREOF$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B22F3/105 :NA ·NΔ	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor: 1)MENU SRIVASTAVA 2)WILLIAM GRIPS VATIA KRISHNAMURTHY 3)UMESH KUMAR SINHA 4)STEVE MITHRAN ARTHUR JEYAKUMAR 5)PRAVEEN KUMAR VENKATKRISHNAIAH 6)MUNIPRAKASH MAHALINGAM 7)MONICHAVASAGOM PILLAI KUMARASWAMI
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(57) Abstract:

Present invention discloses Ni-Co-YSZ based wear-resistant and fuel-efficient composite coating for enhancing the life of automobile engines and coating prepared thereof. Coating is essentially consisting of Nickel - Cobalt matrix reinforced with 8mol% yttria stabilized zirconia. Nickel - Cobalt metal matrix coating reinforced with YSZ particles reduces the wear loss and the fuel consumption. Wear-resistant and fuel-efficient coating of present invention is prepared by a simple and cost-effective process of electrodeposition on a metal or alloy substrate acting as a cathode in an electroplating bath containing the salts of Ni, Co, a buffer, YSZ particles and a surface active agent. The obtained coating reduces the wear loss of the engine cylinders in the order of 3 to 4% and reduction in fuel consumption up to 10% compared to uncoated cylinders.

No. of Pages: 18 No. of Claims: 10

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: TURBINE AIRFOIL ABRADABLE COATING SYSTEM AND CORRESPONDING TURBINE BLADES

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) International Publication No (38) International Publication No (39) Priority Country (31) Priority Date (30) Name of priority country (31) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No (36) International Publication No (37) Priority Date (38) International Application No (39) U.S.A. (39) U.S.A. (39) U.S.A. (72) Name of Inventor: (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (75) Name of Inventor: (76) Name of Inventor: (77) Name of Inventor: (78) Name of Inventor: (79)	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.S.A. :PCT/US2013/067592 :30/10/2013 :WO 2014/074370 :NA :NA	2399 U.S.A. (72)Name of Inventor:
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(57) Abstract:

A squealer tip having a coating including an abrasive is disclosed. The squealer tip may be attached to a radially outer surface of the airfoil tip and formed from at least one support material including at least one abrasive particle formed from a refractory carbide material that has a better resistance to thermal degradation compared to conventional blade tip abrasive materials as well as negligible chemical reaction with metal elements in the metal matrix used to attach the abrasive. In at least one embodiment the abrasive particle may be tantalum carbide. The squealer tip may also extend radially outward from the tip and cover at least a portion of the radially outer surface of the tip

No. of Pages: 16 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2015

(21) Application No.3260/DELNP/2015 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: HUB DYNAMO

(51) International classification	:B62J6/12,H02K21/22	(71)Name of Applicant:
(31) Priority Document No	:2013202491	1)MITSUBA CORPORATION
(32) Priority Date	:27/09/2013	Address of Applicant :2681, Hirosawa -cho, 1- chome, Kiryu- shi,
(33) Name of priority country	:Japan	Gunma 376-8555 Japan
(86) International Application No	:PCT/JP2014/067788	(72)Name of Inventor:
Filing Date	:03/07/2014	1)Makoto CHIKARAISHI
(87) International Publication No	:WO 2015/045544	2)Takuto TANABE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This hub dynamo (10) is provided with: a rotor having a body section at the inner peripheral surface of which a permanent magnet is formed; at least two stator units (20A, 20B) that are disposed at the inside of the body section and that are a first stator unit (20A) having a first coil (93a) wound in a cylindrical shape, and a second stator unit (20B) having a second coil wound in a cylindrical shape; and a vehicle wheel axle (11) that is provided in a manner so as to penetrate the inside in the radial direction of each coil (93a, 93b) and to the outside of which each stator unit (20A, 20B) is fitted and affixed. The first stator unit (20A) has a coupling section to which the second coil (93b) is routed.

No. of Pages: 53 No. of Claims: 12

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR REMOVING URANIUM FROM COPPER CONCENTRATE VIA MAGNETIC SEPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C22B15/00 :61/723196 :06/11/2012 :U.S.A. :PCT/BR2013/000475 :05/11/2013 :WO 2014/071485 :NA	(71)Name of Applicant: 1)VALE S.A. Address of Applicant: Avenida Gra§a Aranha n° 26 Centro CEP 20030 001 Rio de Janeiro RJ Brazil (72)Name of Inventor: 1)MARQUES Antonio Euclides Jaques 2)DA SILVA Wesley Jose 3)BERGERMAN Maurcio Guimar£es
(62) Divisional to Application Number Filing Date	:NA :NA	5)GON‡ALVES Keila Lane de Carvalho

(57) Abstract:

The present invention describes a process for removing uranium from a copper concentrate by magnetic separation (low and high field) aiming the reduction of the content of uranium in a copper concentrate to commercially acceptable levels.

No. of Pages: 36 No. of Claims: 6

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application: 13/05/2015 (43) Publication Date: 09/10/2015

(54) Title of the invention: MONITORING OF A CONDENSATE DRAIN

:F16T1/48,F16T1/00,G01P5/24 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2012 220 505.5

(32) Priority Date :09/11/2012 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/073304 Filing Date :07/11/2013

(87) International Publication No :WO 2014/072430

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.4076/DELNP/2015 A

1)GESTRA AG

Address of Applicant: M1/4nchener Strae 77 28215 Bremen Germany

(72)Name of Inventor: 1)JANZEN Sergej

(57) Abstract:

(19) INDIA

The invention relates to a flow sensor and a method for monitoring a condensate drain (20) comprising the following steps: a) providing a flow sensor (1) for measuring flow properties in a pipe and/or fitting conducting a medium b) detecting a vibratory behavior by means of a vibration transducer (112) at a measurement point (8) provided on the flow sensor (1) c) electronically evaluating the vibratory behavior of a vibrating body (9) wherein vibrations of a first region (2) of the vibrating body (9) that is provided at least partially in a or adjacent to the flow of the medium and of a second region (3) of the vibrating body (9) provided outside the flow are recorded at the measurement point (8).

No. of Pages: 35 No. of Claims: 27

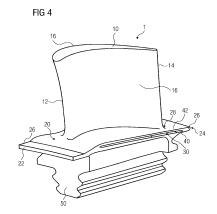
(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: A TURBOMACHINE COMPONENT WITH A STRESS RELIEF CAVITY

(51) International classification	:F01D11/00	(71)Name of Applicant:
(31) Priority Document No	:13160209.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:20/03/2013	Address of Applicant: Wittelsbacherplatz 2 80333 M1/4nchen
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2014/052547	(72)Name of Inventor:
Filing Date	:10/02/2014	1)H,,GGMARK Anders
(87) International Publication No	:WO 2014/146827	2)SZIJARTO Janos
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A turbomachine component with a stress relief cavity A turbomachine component (1) with a stress relief cavity (30) is provided. The turbomachine component contains an airfoil (10) and a platform (20). The airfoil contains a trailing edge (28). The platform contains a trailing edge region (25) a seal strip slot (40) and a stress relief cavity (30). The trailing edge region (25) supports at least a part of the trailing edge (28). The stress relief cavity (30) extends inside the platform into the trailing edge region (25) and is an extension of the seal strip slot (40).



No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :13/05/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PICK UP DEVICE AND PICK UP METHOD

(51) International classification	:H04N5/232	(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:201210587006.4 :28/12/2012	1)NUBIA TECHNOLOGY CO. LTD. Address of Applicant :Tower A B C Hans Innovation Mansion North
(33) Name of priority country	:China	Ring Rd No.9018 High Tech Park Nanshan District Shenzhen Guangdong
(86) International Application No	:PCT/CN2013/090176	
Filing Date	:22/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/101722	1)ZHAO Yunze
(61) Patent of Addition to Application Number	:NA	2)JING Hongliang
Filing Date	:NA	3)CUI Xiaohui
(62) Divisional to Application Number	:NA	4)SHEN Shian
Filing Date	:NA	5)LI Qiang

(57) Abstract:

Disclosed are a pick up device and a pick up method. The pick up device comprises: a display unit module used for displaying an image; a receiving unit module used for receiving an instruction for operating on the image displayed on the display unit module; and a processing unit module used for selecting a photometric location and/or a focusing location according to the instruction received by the receiving unit module. The present invention can oppositely operate and select a focusing region and a photometric region as required so as to perform patterning according to different scenarios thereby improving the user experience. Thus in the process of finding a view a user can respectively drag a focusing box or a photometric box to perform independent focusing and photometry thereby improving the playability and the user experience.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :27/07/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : RADIATION THERAPY DEVICE AND METHOD FOR GENERATING A RESOLUTION ENHANCEMENT IN IRRADIATED RADIATION EXPOSURE FIELDS

(51) International classification	:A61N5/10	(71)Name of Applicant :
(31) Priority Document No	:10 2010 009 018.2	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:24/02/2010	Address of Applicant: Wittelsbacherplatz 2 80333 M1/4nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/051460	(72)Name of Inventor:
Filing Date	:02/02/2011	1)HEID Oliver
(87) International Publication No	:WO 2011/104076	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a radiation therapy device comprising: a radiation source from which for radiation exposure purposes a beam can be directed onto a target volume from at least two opposite directions a collimator having a plurality of collimator elements for localising the treatment beam in order to generate a radiation exposure field wherein the expansion of the collimator elements predetermines a resolution of the radiation exposure field and an offset unit which causes the irradiation of opposing radiation exposure fields to be effected at an offset such that the two opposing radiation exposure fields are offset relative to each other by a fraction of the resolution. Furthermore the invention relates to a method for generating a resolution enhancement in irradiated radiation exposure fields in a radiation therapy device comprising the steps of: generating a first radiation exposure field with the aid of a collimator which delimits a beam emitted from a first spatial direction and which comprises a plurality of collimator elements that predetermine a resolution of the radiation exposure field; generating a second radiation exposure field by means of the collimator which delimits a further beam emitted from a second spatial direction wherein the second radiation exposure field is offset relative to the first radiation exposure field by a fraction of the resolution.

No. of Pages: 16 No. of Claims: 11

(22) Date of filing of Application: 17/04/2015

(43) Publication Date: 09/10/2015

(54) Title of the invention : CURABLE FILM -FORMING COMPOSITIONS DEMONSTRATING BURNISH RESISTANCE AND LOW GLOSS AND METHODS OF IMPROVING BURNISH RESISTANCE OF A SUBSTRATE

·C09D183/06	(71)Name of Applicant :
:13/655823	1)PPG INDUSTRIES OHIO, INC.
:19/10/2012	Address of Applicant :3800 West 143rd Street, Cleveland, Ohio
:U.S.A.	44111 U.S.A.
:PCT/US2013/065634	(72)Name of Inventor:
:18/10/2013	1)MORAVEK, Scott J.
:WO 2014/063025	2)ANDERSON, Lawrence G.
:NA	
:NA	
:NA	
:NA	
	:19/10/2012 :U.S.A. :PCT/US2013/065634 :18/10/2013 :WO 2014/063025 :NA :NA :NA

(57) Abstract:

The present invention is directed to curable film- forming compositions comprising: (a) a polymeric binder comprising: (i) a polysiloxane having reactive functional groups and in which is dispersed protonated silica particles having an average particle size of 2 to 20 microns; and (ii) optionally, at least one additional polymeric resin different from the polysiloxane (i), having reactive functional groups; and (b) a curing agent containing functional groups that are reactive with the reactive functional groups of (i) and/or (ii). After application to a substrate as a coating and after curing, the curable film-forming composition demonstrates an initial 85 gloss of less than 30 and an increase in 85 gloss of no more than 10 gloss units when subjected to various ABRASION TEST METHODS as defined herein. Also provided is a method of improving burnish resistance of a substrate using the curable film-forming compositions of the present invention.

No. of Pages: 34 No. of Claims: 22

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHODS AND SYSTEMS OF PROVIDING INFORMATION USING A NAVIGATION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01C21/36 :1218681.3 :17/10/2012 :U.K. :PCT/FP2013/071801	(71)Name of Applicant: 1)TOMTOM INTERNATIONAL B.V. Address of Applicant: Rembrandtplein 35, NL- 1017 CT Amsterdam Netherlands (72)Name of Inventor:
` '		l '
• /		
(33) Name of priority country		
(86) International Application No	:PCT/EP2013/071801	(72)Name of Inventor:
Filing Date	:17/10/2013	1)VAN DOK, Cornelis Klaas
(87) International Publication No	:WO 2014/060559	2)GOVERTS, Sijtse Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of providing information relating to a path being travelled using a navigation apparatus, involves displaying a path bar including a linear representation of at least a portion of a path to be travelled using a navigation apparatus. The linear representation of the portion of the path is scrollable in the display window by a user to reveal a linear representation of another portion of the path. The method may involve automatically increasing a scale of the linear representation of the path displayed as a given location represented along the path is approached, wherein the location is a location of a safety camera or event affecting traffic flow along the path.

No. of Pages: 43 No. of Claims: 17

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: OXAZOLINE COMPOUNDS AS OPEN-TIME EXTENDERS FOR LATEX PAINTS •

(51) International classification	:C08G77/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:NA	Address of Applicant :2040 Dow Center, Midland, MI 48674, USA
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:NA	2)ANGUS CHEMICAL COMPANY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHREYAS BHIDE
(61) Patent of Addition to Application Number	:NA	2)ASGHAR A. PEERA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Abstract An aqueous coating composition containing a compound of formula (I) wherein R is a C Z - Chydro carby1 group; and IX2 and R3 independently are Cl-Clo alkyl or HO(CH2CH20), CH2-, wherein x represents an integer from 0-5.

No. of Pages: 10 No. of Claims: 9

(21) Application No.974/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A STIFFENED FLEXIBLE MANIPULATOR ARM

(51) International classification	:B64G7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR, INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	HYDERABAD
(33) Name of priority country	:NA	Address of Applicant :Ordnance Factory Estate, Yeddumailaram
(86) International Application No	:NA	502205, Andhra Pradesh, India. Andhra Pradesh India
Filing Date	:NA	2)THE DIRECTOR GENERAL, DEFENCE RESEARCH &
(87) International Publication No	: NA	DEVELOPMENT ORGANISATION (DRDO)
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)R. PRASANTH KUMAR
(62) Divisional to Application Number	:NA	2)RAHUL DIXIT
Filing Date	:NA	

(57) Abstract:

ABSTRACT A STIFFENED FLEXIBLE MANIPULATOR ARM The present disclosure relates to a stiffened flexible link manipulator arm comprising an actuator assembly comprising an output shaft and a clamp operatively coupled to the output shaft of the actuator assembly. The manipulator further comprises at least one flexible link having one end connectable to the clamp and another end connectable to a payload and a plurality of stiffening elements. One end of the plurality of stiffening elements attachable to the clamp and another end is attachable to the at least one flexible link at suitable locations provided thereon to enable stiffening of the at least one flexible link during the movement of the at least one flexible link by the actuator assembly. FIG. 1

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: PRE -BUFFERING OF CONTENT DATA ITEMS TO BE RENDERED AT A MOBILE TERMINAL

(51) International classification :H04L29/08,H04N (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/EP2012/072 Filing Date :07/11/2012 (87) International Publication No :WO 2014/071971 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA	1)HUANG ,Vincent
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(57) Abstract:

The present invention relates to methods and devices for pre- buffering one or more content data items to be rendered at a mobile terminal. In a first aspect of the present invention a mobile terminal (11, 12, 13) comprises a processing unit (15) arranged to acquire a probability with which at least one selected content data item of the one or more content data items is to be rendered at the mobile terminal, and to acquire an estimated point in time when the at least one selected content data item is to be rendered at the mobile terminal. Further, the processing unit is arranged to pre-buffer a first selected part of the at least one selected content data item in the mobile terminal such that the first selected part of the at least one selected content data item is ready for rendering at the estimated point in time, the extent of the pre-buffered first selected part being related to the probability with which the at least one selected content data item is to be rendered at the mobile terminal.

No. of Pages: 31 No. of Claims: 20

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: BETA-CARBOLINES FOR USE IN THE TREATMENT OF HEARING LOSS AND VERTIGO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 31/437 :10 2009 060811.7 :28/12/2009 :Germany :PCT/DE2010/001530 :28/12/2010 :WO 2011/079841 :NA :NA :NA	(71)Name of Applicant: 1)AUDIOCURE PHARMA GMBH Address of Applicant:SALZBRUNNERSTRASSE 42, 14193 BERLIN (DE) Germany (72)Name of Inventor: 1)ROMMELSPACHER, HANS
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(57) Abstract:

The present invention is directed at IJ-carbolines, preferred 9-alkyl-IJ-carbolines (9- alkyl-8-BC), their manufacture as well as their use in prophylaxis and treatment of hearing damages, tinnitus, acute acoustic trauma, vertigo and vestibular disorder as well as pharmaceutical compositions containing theses 8-carbolines. Fig.: 2

No. of Pages: 57 No. of Claims: 5

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: DRIVE TRAIN WITH HYDRODYNAMIC RETARDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60T 10/02 :10 2010 051 715.1 :19/11/2010 :Germany :PCT/EP2011/005742 :15/11/2011 :WO 2012/065714 :NA :NA	(71)Name of Applicant: 1)VOITH PATENT GMBH Address of Applicant:ST. POLTENER STR. 43 89522 HEIDENHEIM GERMANY (DE) Germany (72)Name of Inventor: 1)HUTH, TILMAN 2)LAUKEMANN, DIETER
(62) Divisional to Application Number Filing Date		

(57) Abstract:

Drive train with hydrodynamic retarder The invention concerns a drive train, in particular of a motor vehicle fitted with a drive motor, including a main output shaft; having a transmission connected downstream of the drive motor in the drive power flow, comprising a transmission 10 input shaft and a transmission housing; the transmission input shaft is connected to and actuated by the main output shaft of the drive motor or can be switched into such connection by means of a coupling; having a hydrodynamic retarder, comprising a driven bladed primary wheel and a stationary bladed secondary wheel or which is driven in reverse direction of the 15 primary wheel, whereas both wheels form together a frusto-conical work space which is filled or can be filled with working medium, for hydrodynamic transmission of torque from the primary wheel to the secondary wheel; the drive motor includes an auxiliary output shaft, via which the primary wheel of the retarder is driven. 20 The invention is characterised in that the hydrodynamic retarder is connected to the auxiliary output shaft of the drive motor on the transmission side.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AUTOMATED TREATMENT SYSTEM FOR SLEEP

(51) International classification	:A47J	(71)Name of Applicant:
(31) Priority Document No	:12/639,201	1)CONSOLIDATED RESEARCH OF RICHMOND, INC.
(32) Priority Date	:16/12/2009	Address of Applicant :26250 EUCLID AVE., STE 024 EUCLID, OH
(33) Name of priority country	:U.S.A.	44123 US U.S.A.
(86) International Application No	:PCT/US2010/025636	(72)Name of Inventor:
Filing Date	:26/02/2010	1)DR. KAPLAN FREDERIC KAPLAN
(87) International Publication No	: NA	2)DR. KENNETH ALAN LOPARO
(61) Patent of Addition to Application Number	:NA	3)DR. YING WANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Automated behavioral methods and systems for treating Insomnia that use passive means for determining wake I sleep states.

No. of Pages: 46 No. of Claims: 30

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN APPARATUS AND METHOD FOR AUTOMATIC DETECTION OF PATHOGENS

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:61/427,809	1)PARASIGHT LTD.
(32) Priority Date	:29/12/2010	Address of Applicant :Jerusalem Technology Park, 96951 Jerusalem,
(33) Name of priority country	:U.S.A.	Israel Israel
(86) International Application No	:PCT/IL2011/000973	(72)Name of Inventor:
Filing Date	:29/12/2011	1)BACHELET, IDO
(87) International Publication No	: NA	2)POLLAK, JOSEPH JOEL
(61) Patent of Addition to Application Number	:NA	3)LEVNER, DANIEL
Filing Date	:NA	4)BILU, YONATAN
(62) Divisional to Application Number	:NA	5)YORAV-RAPHAEL, NOAM
Filing Date	:NA	

(57) Abstract:

The invention discloses an apparatus and method for automatic detection of pathogens within a sample. The apparatus and method are especially useful for high-throughput andlor low-cost detection of parasites with minimal need 5 for trained personnel. The invention entails automated microscopic data acquisition, and performing image processing of images captured from a sample using classification algorithms. Visual classification features of structures are extracted from the image and compared to visual classification features associated with known pathogens. A determination is reached 10 whether a pathogen is present in the sample; and if present, the pathogen may be identified to a pathogen species. Diagnosis is rapid and does not require medically trained personnel.

No. of Pages: 67 No. of Claims: 67

(21) Application No.5035/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: ROLL STAND FOR PRODUCING A ROLLED STRIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B21B 13/14 :A1955/2009 :10/12/2009 :Austria :PCT/EP2010/066776 :04/11/2010 :WO 2011/069756	(71)Name of Applicant: 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: TURMSTRASSE 44, 4031 LINZ, AUSTRIA Austria (72)Name of Inventor: 1)ALOIS SEILINGER 2)ROBERT MINICHMAYR
Filing Date	:04/11/2010	1)ALOIS SEILINGER
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2011/069756 :NA	2)ROBERT MINICHMAYR
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Rolling stand for producing rolled strip having working rolls which are supported on supporting rolls or intermediate rolls and supporting rolls, wherein the working rolls and/or intermediate rolls and/or supporting rolls are arranged in the rolling stand so as to be displaceable axially relative to one another, and each roll of at least one roll pair formed from a supporting roll and a working roll or from a supporting roll and an intermediate roll has a curved contour which runs over the entire effective barrel length, wherein the contour (5) of the supporting roll (2) is predefined by a contour function (10) which is formed from a superposition of a first contour function (7), which runs in a manner complementary to the adjacent working roll (1) in a non-displaced state, with a superposition function (8, 8) which is concave or convex in relation to the supporting roll axis (9). Figure 1

No. of Pages: 16 No. of Claims: 12

(22) Date of filing of Application :07/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: A COMPRESSOR UNIT AND A METHOD TO PROCESS A WORKING FLUID

(57) Abstract:

A compressor unit for processing a working fluid comprising a compressor (3) inside a housing (7) to compress the working fluid wherein a collection chamber (19) is fluidly coupled with a working fluid inlet (71) of said housing (7).

No. of Pages: 18 No. of Claims: 10

(22) Date of filing of Application :17/04/2015 (43) Publication Date : 09/10/2015

(54) Title of the invention: ULTRASONIC FLOW METERING SYSTEM WITH AN UPSTREAM PRESSURE TRANSDUCER

(31) Priority Document No:61/716164(32) Priority Date:19/10/2012(33) Name of priority country:U.S.A.	Address of Applicant :11100 Brittmoore Park Drive, Houston ,Texas 77041 U.S.A. (72)Name of Inventor : 1)RAMSAY, Lawson Hamilton
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(57) Abstract:

Apparatus and method for monitoring operation of a flow metering system. In one embodiment, a flow metering system includes a flow meter, a first and second pressure sensors, a flow conditioner and a condition monitor. The flow meter is configured to measure the volume of fluid flowing through the flow meter. The first pressure sensor is disposed proximate the flow meter to measure pressure of the fluid proximate the flow meter. The flow conditioner is disposed upstream of the flow meter. The second pressure sensor is disposed upstream of the flow conditioner to measure pressure of the fluid upstream of the flow conditioner. The condition monitor is coupled to the flow meter and the pressure sensors and is configured to identify a potential discrepancy in operation of the flow metering system based on a difference between pressure measurements of the first and second pressure sensors.

No. of Pages: 28 No. of Claims: 20

(21) Application No.5102/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD TO DETECT CALLS ON AN AMR-WB CAPABLE NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 12/02 :NA :NA :NA :PCT/EP2010/051065 :29/01/2010 :WO 2011/091852 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)DE SIMONE, GIUSEPPE 2)DI DONATO, RITA 3)RABBONI, CRISTIANO
Filing Date	:NA	

(57) Abstract:

The present invention relates to methods and arrangements to detect an end-to-end call on an AMR-WB capable network (ON1, ON2) involving at least one monitored identity (S1, S2). The method comprises the steps of: - monitoring call events related to the at least one monitored identity through at least one intercepting control element in a telecommunication network, and - delivering a start notification message by the at least one intercepting control element whenever an AMR-WB codec is chosen in the 6b telecommunication network as a selected codec for an end-to-end call between the at least one monitored identity and another identity.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :04/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HOUSEHOLD APPLIANCE HAVING A GROUND PLATE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERATE GMBH Address of Applicant: CARL-WERY-STRASSE 34, 81739 MUNICH, GERMANY Germany 2)GODREJ & BOYCE MANUFACTURING COMPANY
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA	LIMITED (72)Name of Inventor: 1)NIMBARAGI MAHANTESH 2)BAJAK ROBERTO
Filing Date	:NA	

(57) Abstract:

The present invention relates to a household appliance having a ground plate (101) which comprises roller mounting portions (103-1, 103-2) each with an opening (105) for accommodating a pivot (107) of the roller (109), in which the roller mounting portions (103-1, 103-2) are bendable into the interior direction of the household device (100) for mounting the pivot (107) internally or are bendable into the exterior direction of the household device (100) for mounting the pivot (107) externally.



No. of Pages: 15 No. of Claims: 15

(22) Date of filing of Application :04/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : A system for analyzing fertility potential of sperm using human input enabled comprehensive semen analyzer

:G01N1/28,	(71)Name of Applicant:
C12M1/34,	1)Sperm Processor Pvt. Ltd.
G01Ny	Address of Applicant :# 6, Welcome Nagar, Near Aditya
:NA	Nagar, Garkheda, Aurangabad 431 005, Maharashtra, India
:NA	Maharashtra India
:NA	(72)Name of Inventor:
:PCT//	1)Pramodkumar Rambilas Bajaj
:01/01/1900	2)Meena Pramodkumar Bajaj
: NA	3)Rahul Pramod Bajaj
:NA	
:NA	
:NA	
:NA	
	C12M1/34, G01Ny :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA

(57) Abstract:

[0063] Abstract The present invention relates to a system for analyzing fertility potential of sperm using human input enabled comprehensive semen analyzer. The invention overcomes limitations of CASA (Computer Assisted Semen Analysis) to improve evaluation accuracy and efficiency. The provision for human input enables to feed the correct data to the computer; thus helping in overcoming any possible misreading observed in fully computerized systems. The supporting software feature; e.g. displaying image and data sheet side by side on the same screen with tool tips from domain assisted software ensure accuracy and speed in observation recording. The other features like unique unalterable numbering of field and sperms; embedding patient identification number in the image help in maintaining data integrity and traceability; thereby fool proofing the system for any intentional or unintentional data falsification or compromised reporting. The reporting system is fully integrated with patient registration information & history, sample collection details, operator in charge and detailed data findings. The reports can be in soft copy with marked still image/video or in hard copy with marked still image. Overall, the invention helps to achieve accuracy in results and ultimately aid for correcting male fertility issues if any. (FIGURE 1)

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :24/08/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROTARY THREE DIMENSIONAL VARIABLE VOLUME MACHINE

(51) International classification	:F01C1/00, F04C2/00	(71)Name of Applicant: 1)ARVIND KUMAR SHARMA
(31) Priority Document No	:974/MUMNP/2013	
(32) Priority Date	:24/05/2013	BHIND ROAD, GWALIOR. MP 474005 INDIA. Madhya
(33) Name of priority country	:India	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARVIND KUMAR SHARMA
(87) International Publication No	: NA	2)ARVIND KUMAR SINGH
(61) Patent of Addition to Application Number Filed on	:2966/MUM/2010 :25/10/2010	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An embodiment may have two rotary discs including a second disc (a cap) and a first disc; and a rotary cam (having ports) placed in the central hole of the first disc. A cap is half the diameter of the first disc. Both face each other and maintain contour complementarity (wall height of the second disc+ radial depth of the first disc is constant at contact); either, when both discs rotate on their axes, placed the second discTMs radius apart, or when the second disc rotates and revolves on the face of stationary first disc. The cap seals the cavity underneath during the two motions, and without jeopardizing the sealing, permits entry and exit of the radial ridges and furrows of the first disc into it. The ridges sweep the floor (under surface) of the cap and divide the cavity into variable volume compartments that suck and expel fluid simultaneously through the cam. The machine is designed to work as rotary pump, compressor, turbine or internal combustion engine.



Fig. 02

No. of Pages: 35 No. of Claims: 3

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : A COMPACT AND PORTABLE PULSE TRANSFORMER APPLICABLE AIRBORNE STRATEGIC SYSTEM

(51) International classification	:E21B43/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SECRETARY, DEPARTMENT OF ATOMIC ENERGY
(32) Priority Date	:NA	Address of Applicant :O.Y.C. Building, CHATRAPATI
(33) Name of priority country	:NA	SHIVAJI MAHARAJ MARG, MUMBAI 400001, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJENDRA KUMAR RAJAWAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an arrangement of coaxial windings comprising primary and secondary as air core pulse transformer having insulation and winding arrangement for efficient energy transfer to secondary winding, the secondary winding so wound with the central metallic core to include a coaxial transmission line with it and so configured to deliver rectangular pulse across its terminals; and a coaxial feeding arrangement for the primary winding with central coaxial terminal connecting to one end of an adjustable primary closing switch electrode so as to have variable voltage feed input corresponding to the load requirement.

No. of Pages: 24 No. of Claims: 12

(21) Application No.1296/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR EFFICIENT ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIALS.

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAJ INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PRAJ TOWER, 274-275, BHUMKAR
(33) Name of priority country	:NA	CHOWK, HINJEWADI ROAD, HINJEWADI, PUNE - 411057,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SASISANKER PADMANABHAN
(61) Patent of Addition to Application Number	:NA	2)SIDDHARTHA PAL
Filing Date	:NA	3)SHEREENA PANAKAL JOY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for efficient enzymatic hydrolysis of lignocellulosic materials and more particularly, it relates to efficient enzymatic hydrolysis of cellulosic part of lignocellulosic materials like corncob, corn stover, sugarcane/ beet bagasse or any similar lignocellulosic materials.

No. of Pages: 20 No. of Claims: 10

(22) Date of filing of Application :28/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A WORK PIECE CHUCK OF A MANIPULATOR

(51) International classification	: B23B31/40, B23Q3/14	(71)Name of Applicant: 1)TaiZhou Federal Robot Technology Co., Ltd
(31) Priority Document No	:CN201310283431.9	
(32) Priority Date	:05/07/2013	Town, Yuhuan County, Taizhou City, Zhejiang Province, 317607
(33) Name of priority country	:China	China China
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)CHEN, Qiyue
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a work piece chuck of manipulator in the field of mechanical technology. The chuck addresses the problems of the conventional manipulator arms including unreliable connection between the chuck and the work piece and complicated clamping process. The work piece chuck of the invention is disposed at the front end of the manipulator. The chuck comprises a chuck sleeve and an ejector pin set within the chuck sleeve. An elastic clamping element is provided at the front end of the chuck sleeve. The ejector pin could move between a first position and a second position along the axial direction of the chuck sleeve. When the ejector pin is in the first position, the outer circumference of the ejector pin extrudes the clamping element to distort and expand outward to form an expansion state.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :28/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN ABRASIVE BELT POLISHING FINISHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B24B21/00 :CN201310277803.7 :02/07/2013 :China :PCT// :01/01/1900 : NA :NA :NA	(71)Name of Applicant: 1)TaiZhou Federal Robot Technology Co., Ltd Address of Applicant: Bingang Industrial Zone, Shamen Town, Yuhuan County, Taizhou City, Zhejiang Province, 317607 China China (72)Name of Inventor: 1)CHEN, Qiyue
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention discloses an abrasive belt polishing finisher in the field of mechanical technology, which addresses inconvenient operation of the existing polishing finishers used to polish and finish curved surfaces of different curvatures and low operation efficiency. The abrasive belt polishing finisher includes a motor and a connection support. The central section of the connection support is fixedly connected with the output shaft of the motor. Several self-rotable connection support finishing wheels are provided around the connection support. The curve surface of the rim of each of the support finishing wheels has a different curvature. Each connection support finishing wheel is distributed on the same circle centered on the output shaft of the motor. The connection support is driven by the motor into rotation to press and position one of the connection support finishing wheels against the back of the abrasive belt in the polishing finisher. The abrasive belt polishing finisher could satisfy continuous polishing treatment for different curved surfaces.

No. of Pages: 49 No. of Claims: 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2042/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVEMENTS RELATING TO FABRIC CONDITIONERS

(51) International classification :C11D1/62,C11D3/00,C11 (31) Priority Document No :12164379.5

(32) Priority Date :17/04/2012 (33) Name of priority country :EPO

(86) International Application No:PCT/EP2013/057512

Filing Date :10/04/2013 (87) International Publication No :WO 2013/156371

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:C11D1/62,C11D3/00,C11D3/50 (71)Name of Applicant : :12164379.5 (71)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor:

1)METCALFE Kenneth 2)SMITH Ian Karl

3)THEOBALD Allister John

(57) Abstract:

An aqueous fabric conditioner composition comprising: (a) from 0.5 to 35% by weight of the total composition of a fabric softening active wherein the fabric softening active comprises an ester linked triethanolamine quaternary ammonium compound (b) from 0.001% to 2% by weight of the total composition of a non ionic antimicrobial and (c) from 0.01 to 10% by weight of the total composition of a perfume.

No. of Pages: 48 No. of Claims: 12

(21) Application No.2043/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVEMENTS RELATING TO FABRIC FRESHNESS

(51) International classification :C11D3/00,C11D3/16,C11D3/39 (71)Name of Applicant : (31) Priority Document No :12305468.6

(32) Priority Date :23/04/2012

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2013/058232

Filing Date :19/04/2013 (87) International Publication No: WO 2013/160214

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)UNILEVER PLC

Address of Applicant : Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)AUBRY Jean Marie Robert

2)BLONDE Delphine 3) JONES Craig Warren

4)MOHAMMADI Mansur Sultan

5)RATAJ Vronique

6)THOMPSON Katherine Mary 7)THORNTHWAITE David William

8)ZHU Ying

(57) Abstract:

A process for freshening cloth which comprises the sequential steps of: a) contacting the cloth with human skin to treat the cloth with sebum b) washing the cloth in a surfactant solution (preferably at a temperature of below 30 Celsius) comprising a singlet oxygen photo bleach (preferably a water soluble phthalocyanine compound or a water soluble xanthene) to imperfectly remove the sebum and deposit photo bleach on the cloth c) exposing the cloth to light preferably direct sunlight whereby the deposited photo bleach reacts with the residual sebum to produce an odiferous species wherein a further catalytic agent which is not a photo catalyst but which catalyses the conversion of hydroperoxides into odiferous species is present during at least step (b). Preferably a blue or violet shading dye is present at least in step (b). Advantageously a further catalyst is present in step (c) to assist in the formation of odiferous species from intermediate hydroperoxides.

No. of Pages: 69 No. of Claims: 14

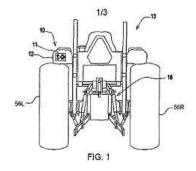
(22) Date of filing of Application :02/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: VEHICLE POSITIONING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant: ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A. (72)Name of Inventor: 1)BUERKLE BRYAN K 2)MYERS CHRISTOPHER A
(87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle includes an operator station, a propulsion system, a steering system a hitch, and a vehicle positioning system. The positioning system includes positioning controls outside the operator station of the vehicle and adjacent to the hitch, such as on a rear fender. The positioning controls include a forward switch, a reverse switch, a left switch and a right switch. A controller is connected to the positioning controls, to the propulsion and steering systems. The controller moves the vehicle forward or rearward in response to actuation of the forward or reverse switches. The controller operates the steering system in response to actuation of the left or right switches. The steering system may include a brake control valve which brakes one of a pair of driven wheels while the other driven wheel is rotating. The steering system may include a steering control valve which is operable to turn steerable wheels.



No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HANDLE OPERATING DEVICE FOR CIRCUIT BREAKER

(51) International classification	:H01H71/52, H01H71/10	(71)Name of Applicant: 1)LSIS CO., LTD.
(31) Priority Document No	:10-2013- 0136460	Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea
(32) Priority Date	:11/11/2013	(72)Name of Inventor:
(33) Name of priority country	:Republic of Korea	1)Jae Kwan SEO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1	<u> </u>	

(57) Abstract:

The present disclosure relates to a handle operating device for a circuit breaker, and there is provided a handle operating device including a connecting rod configured to transfer power for operating a manual operating handle that manually operates the on/off of a circuit breaker from the outside; a movable frame connected to the connecting rod to be movably coupled to an outer surface of a circuit breaker case in a direction parallel to the operating direction of the manual operating handle; a movable member provided at the movable frame in an interlocking manner to move the manual operating handle; a slot hole is formed on the moving member in an inclined manner from the moving direction of the manual operating handle; and a fastening member fastened to the movable member and movable frame through the slot hole.

No. of Pages: 24 No. of Claims: 9

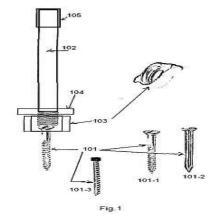
(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A WASTE PRICKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:E03C1/266 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CHANDAK AJAY GIRDHARILAL Address of Applicant: 'SHAMGIRI', AGRA ROAD, OPP. SWAGAT LODGE, DEOPUR, DHULE:424005, MAHARASHTRA Maharashtra India (72)Name of Inventor: 1)CHANDAK AJAY GIRDHARILAL
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)CHANDAK AJAY GIRDHARILAL 2)AJMERA ASHISH RAMESH

(57) Abstract:

A Waste Pricker is provided. A Waste Pricker includes a pricker 101 mounted on a rod 102 with the help of a holder 103. A magnet 104 is provided for collection of metal waste. A handle 105 is provided at other end of the rod 102.



No. of Pages: 8 No. of Claims: 7

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD OF CONTROLLING A VARIABLE CAPACITY COMPRESSOR

(51) International classification	:F04B49/06, F04B49/00	(71)Name of Applicant: 1)EMERSON CLIMATE TECHNOLOGIES, INC.
(31) Priority Document No	:61/973,528	
(32) Priority Date	:01/04/2014	45365 United States of America U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT//	1)ANGLE SHANE J.
Filing Date	:01/01/1900	2)PHAM HUNG MANH
(87) International Publication No	: NA	3)TRUDEAU EDWARD J.
(61) Patent of Addition to Application Number	:NA	4)SOWANI CHETAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

A climate-control system may include a variable-capacity compressor unit and a control module controlling the compressor unit. The compressor unit may be operable in a first capacity mode and in a second capacity mode that is higher than the first capacity mode. The control module may be configured to switch the compressor unit among a shutdown state, the first capacity mode and the second capacity mode based on a demand signal and outdoor-air-temperature data

No. of Pages: 41 No. of Claims: 32

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A MULTI-PART CONCENTRIC MANIFOLD AND METHOD OF MAKING THE MANIFOLD

(51) International classification	:F16L41/00	(71)Name of Applicant:
(31) Priority Document No	:13/937,509	1)SPX CORPORATION
(32) Priority Date	:09/07/2013	Address of Applicant:13320 BALLANTYNE CORPORATE
(33) Name of priority country	:U.S.A.	PLACE, CHARLOTTE, NC 28277 UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MACHAEL T. LANDRUM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A manifold is provided. The manifold includes a first body having an outer curved surface; a second body having an inner curved surface corresponding to the outer curved surface of the first body; and a groove formed in one or both of the outer and inner curved surfaces, wherein the first body is dimensioned to fit within the second body so that the outer curved surface contacts the inner curved surface and the groove forms a fluid passage located in between the first and second bodies, the fluid passage having an inlet and an outlet. A method for assembling a manifold may also be provided.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :04/07/2014

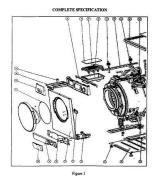
(43) Publication Date: 09/10/2015

(54) Title of the invention : CONVERTIBLE DRYING FROM VENTING TO CONDENSING IN COMBINATION WASHER-DRYER

(51) International classification	: D06F58/28.	(71)Name of Applicant : 1)MR. ATUL VIR
(6.1) 1110111111011111 0111051110111011	D06F58/02	
(31) Priority Document No	:US 61843560	TX 77055, UNITED STATES OF AMERICA. U.S.A. (72)Name of Inventor:
(32) Priority Date	:08/07/2013	1)MR. ATUL VIR
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a laundry dryer containing a combination of vented and condenser dryer, in which during a process of venting, air is drawn from the surrounding, heated it and blown into the drum and then exhausted through an air duct to the exterior and during condensing drying, hoi air and a fine mist of cold water are introduced into the drum and the hot air is cooled using a condensing process and the residual water is removed by a pump; the laundry dryer comprising: a housing; a rotating drum contained within the housing wherein the drum rotating in clockwise direction and in counter-clockwise on a timer schedule; a heater to heat the air blown into the drum; a standard blower and motor to drive air into the drum; a hose from the drum to the back of the unit to push the exhausting hot air to the exterior of said unit; an optional fen attached to the exterior of the unit at the opening of the exhaust hose to the back of the unit; a motor to operate the drum clockwise and counter-clockwise; a cold water valve which being adapted for operating in the dry cycle and drawing cold water into the unit; a condensing valve which being adapted for taking cold water input from the water inlet valve and converting it to a fine mist; a pump at the base of the unit to draw out and expel the water condensate from the drum; and an electronic controller to facilitate the dryer to be switched from vented to condensing states.



No. of Pages: 9 No. of Claims: 5

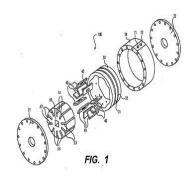
(22) Date of filing of Application :10/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HIGH TORQUE ROTARY MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:13/938,563 :10/07/2013 :U.S.A. :NA	Address of Applicant :13320 BALLANTYNE CORPORATE PLACE, CHARLOTTE, NC 28277 UNITED STATES OF AMERICA U.S.A.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	(72)Name of Inventor : 1)MACHAEL T. LANDRUM
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rotary motor, comprising a plurality of vanes, an inner rotary member housing the plurality of vanes projecting from a central rotation axis of the inner rotor, a multi lobe member encompassing the inner rotary member and the plurality of vanes, where the multi lobe member comprises at least two lobes wherein each of the lobes comprises an inlet and an outlet for a working medium, and a plurality of chambers wherein each of the chambers is encompassed by an inner surface of the multi lobe member and an outer surface of the inner rotary member. Such devices in accordance with some embodiments of the invention provide that a plurality of inlets and outlets amplify the output torque of the motor, that any side load is absent or minimized, and that a faster and stronger rotational force is achieved compared to a conventional hydraulic motor having a single pair of inlet and outlet.



No. of Pages: 32 No. of Claims: 40

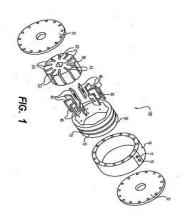
(22) Date of filing of Application :10/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROTARY VANE MOTOR

(51) International classification	F01C21/08	(71)Name of Applicant: 1)SPX CORPORATION
(31) Priority Document No	:13/938,652	1 1
(32) Priority Date		PLACE, CHARLOTTE, NC 28277 UNITED STATES OF
(33) Name of priority country	:U.S.A.	AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MACHAEL T. LANDRUM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rotary motor, comprising a plurality of vanes, wherein each of the vanes is split into two subvanes, one or more elastic members, wherein the elastic member is configured to push each of the sub vanes forming a vane toward an end plate to form a seal between the subvane and the end plate; an inner rotary member housing the plurality of vanes projecting from a central rotation axis of the inner rotor; a lobe member encompassing the inner rotary member and the plurality of vanes; a plurality of chambers wherein each of the chambers is encompassed by an inner surface of the lobe member and an outer surface of the inner rotary member; and one or more end plates to enclose the plurality of vanes, the inner rotary member, the lobe member and the plurality of chambers.



No. of Pages: 31 No. of Claims: 40

(22) Date of filing of Application :07/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SKIN SURFACE SAMPLING SYSTEM

(51) International classification :A61B10/00,G01N1/14,G01N1/24 (71)Name of Applicant: (31) Priority Document No :12167428.7 (32) Priority Date :10/05/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/057768

Filing Date

:15/04/2013

(87) International Publication :WO 2013/167349

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)UNILEVER PLC

Address of Applicant : Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)BURNS Corrinne

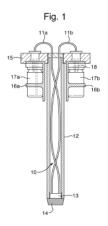
2) CARROLL Peter David 3)PATEL Pareenkumar

4)RIAZANSKAIA Svetlana

5)THOMAS Charles Lawrence Paul

(57) Abstract:

The present invention provides a skin surface sampling device in which a supply tube and a recovery tube are housed in an elongated hand holdable tubular sleeve the sleeve having upper and lower ends positioned along a longitudinal axis and the lower end being provided with a sampling head; in which: the supply tube is adapted to convey liquid from a liquid source to the sampling head; the recovery tube is adapted to convey liquid from the sampling head to a liquid collection vessel; the sampling head has a planar surface adapted for application to the surface of the skin to form a contact therewith during sampling; the planar surface has a liquid entry port adapted for liquid communication with the supply tube and a liquid exit port adapted for liquid communication with the recovery tube; and characterised in that: the liquid entry port and the liquid exit port are connected via a guide channel which is adapted to guide liquid from the liquid entry port along the surface of the skin for the elution of materials on the skin surface and then to the liquid exit port for recovery. The device can be used in a rapid and non invasive system of skin surface sampling enabling the sampling of a wide range of compounds (including but not limited to VOCs and SVOCs) from the surface of the skin and which can be used over all areas of the body.



No. of Pages: 16 No. of Claims: 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2038/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TOPICAL SPRAY COMPOSITION AND SYSTEM FOR DELIVERING THE SAME

(51) International classification :A61Q19/00,A61K8/04,A61K8/06 (71)Name of Applicant : (31) Priority Document No :13/457767 1)UNILEVER PLC (32) Priority Date :27/04/2012 Address of Applicant : Unilever House 100 Victoria (33) Name of priority country :U.S.A. Embankment London Greater London EC4Y 0DY U.K. U.K. (72)Name of Inventor: (86) International Application :PCT/EP2013/058466 1)MORIKIS Thomas Nikolaos No :24/04/2013 Filing Date 2)MELO Kathleen Lynn (87) International Publication 3)NG Gee Young :WO 2013/160338 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A topical spray composition and a system for containing and applying the composition is described. The composition has liquid emulsifiers that unexpectedly result in a superior product suitable to be applied homogeneously.

No. of Pages: 21 No. of Claims: 11

:NA

(21) Application No.2039/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A DETERGENT GRANULE DETERGENT GRANULE AND DETERGENT COMPOSITION COMPRISING SAID GRANULE

(51) International classification	:C11D11/02,C11D1/04,C11D1/22	(71)Name of Applicant:
(31) Priority Document No	:12166002.1	1)UNILEVER PLC
(32) Priority Date	:27/04/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application	DCT/ED2012/057240	Embankment London Greater London EC4Y 0DY U.K. U.K.
No	:PCT/EP2013/057340	(72)Name of Inventor:
Filing Date	:09/04/2013	1)DEN ADEL Rudi
(87) International Publication No	:WO 2013/160093	2)PACHA Fakhruddin Esmail
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application	:NA	

(57) Abstract:

Filing Date

Number

242324232423There is provided a process for the production of a detergent granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof which comprises the steps of (i) neutralising an anionic surfactant precursor with a source of alkali (ii) adding NaSO and NaCO to form a slurry and (iii) spray drying the obtained slurry to form a granule whereby the molar ratio of NaSO to NaCO is in range of 1:0.9 to 1:1.3 and whereby the double salt NaSO.NaCO is formed and whereby the slurry comprises a polycarboxylate polymer. There is also provided a spray dried detergent carrier granule comprising at least 40% by weight of an anionic surfactant and suitable for use as a granular detergent composition or a component thereof comprising (i) linear alkylbenzene sulphonate (LAS) soap and mixtures thereof and (ii) the double salt NaSO.NaCO obtainable by the process of the present invention. A third aspect is a detergent composition comprising such granules.

No. of Pages: 20 No. of Claims: 18

(21) Application No.2323/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : SWITCHING STRUCTURE OF MOVING CONTACTS AND FIXED CONTACTS OF TAP SELECTOR

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:H01H1/56,H01F29/04,H01H9/00 :201210157251.1 :17/05/2012 :China :PCT/CN2012/001078 :13/08/2012 :WO 2013/170404 :NA :NA	(71)Name of Applicant: 1)SHANGHAI HUAMING POWER EQUIPMENT GROUP CO. LTD Address of Applicant: No.977 Tongpu Road Putuo District Shanghai 200333 China 2)SHANGHAI HUAMING POWER EQUIPMENT CO. LTD (72)Name of Inventor: 1)SHEN Xu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A switching structure of moving contacts and fixed contacts of a tap selector comprises an insulating switch base plate at least two fixed contacts (101 102 103; 401.1 401.2 | 401.9) at least one rotary shaft (300; 405) and at least one arc shaped conductor (200; 404.1 404.2 404.3). The at least two fixed contacts are fixed on the insulating switch base plate in at least one row and at intervals and the inner end of each of the at least two fixed contacts is in electric connection with a tapping winding corresponding to a transformer. At least two moving contacts (310 320 330; 403.1 403.2 403.3) are evenly arranged on the rotary shaft and the two moving contacts are in electric connection. The at least one arc shaped conductor corresponds to the at least two fixed contacts which are arranged in at least one row. The arc shaped conductor and the outer end (101a 102a 103a) of each of the at least two fixed contacts in at least one row are located at the same circumference with the center of the rotary shaft as the center of the circle of the circumference and when one of the moving contacts is switched between the two fixed contacts the other moving contact must be in electric connection with the arc shaped conductor. According to the switching structure connecting conductors inside a switch are eliminated all parts are fixed reliably installation is convenient and hidden faults are reduced.

No. of Pages: 20 No. of Claims: 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2034/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: EXTERNALLY STRUCTURED AQUEOUS ISOTROPIC LIQUID DETERGENT COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12165196.2 :23/04/2012 :EPO :PCT/EP2013/055649 :19/03/2013 :WO 2013/160024 :NA :NA	(71)Name of Applicant: 1)UNILEVER PLC Address of Applicant: Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K. (72)Name of Inventor: 1)BRENNAN Lee James 2)KOWALSKI Adam Jan 3)RYAN Philip Michael 4)SANDERSON Alastair Richard 5)WAGLE Ami Swapnil
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An externally structured aqueous isotropic detergent liquid comprising: a) at least 10 wt% water b) at least 3 wt% mixed detersive surfactant comprising anionic surfactant c) at least 0.025 wt% of activated citrus fibre external structurant characterised in that the liquid further comprises at least 0.1 wt% of water swellable polyacrylate thickening polymer and the viscosity of the liquid at 20 s and 25°C is at least 0.3 Pa.s.

No. of Pages: 34 No. of Claims: 10

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: EXTERNALLY STRUCTURED AQUEOUS ISOTROPIC LIQUID DETERGENT COMPOSITIONS

(51) International classification	:C11D3/382,C11D3/12	(71)Name of Applicant:
(31) Priority Document No	:12165195.4	1)UNILEVER PLC
(32) Priority Date	:23/04/2012	Address of Applicant :Unilever House 100 Victoria
(33) Name of priority country	:EPO	Embankment London Greater London EC4Y 0DY U.K. U.K.
(86) International Application No	:PCT/EP2013/055647	(72)Name of Inventor:
Filing Date	:19/03/2013	1)BRENNAN Lee James
(87) International Publication No	:WO 2013/160022	2)KOWALSKI Adam Jan
(61) Patent of Addition to Application	:NA	3)RYAN Philip Michael
Number	:NA	4)SANDERSON Alastair Richard
Filing Date	.IVA	5)WAGLE Ami Swapnil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An externally structured aqueous isotropic liquid detergent composition comprising: a) at least 10 wt% water b) at least 3 wt% mixed surfactant system comprising anionic surfactant c) an activated citrus fibre external structurant characterised in that the liquid further comprises at least 0.05 wt% of water swellable clay and that the composition has a viscosity of at least 0.3 Pa.s at 20 s and 25 °C.

No. of Pages: 36 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2133/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING ARFORMOTEROL AND FLUTICASONE **FUROATE**

(51) International :A61K9/00,A61K31/16,A61K31/56 classification

(31) Priority Document No :1179/MUM/2012 (32) Priority Date :11/04/2012

(33) Name of priority country: India

(86) International Application :PCT/GB2013/000161 No

:10/04/2013 Filing Date

(87) International Publication :WO 2013/153349

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)CIPLA LIMITED

Address of Applicant :Cipla House Peninsula Business Park Ganpatrao Kadam Marg Lower Parel Mumbai 400 013 INDIA

Maharashtra India

(72) Name of Inventor: 1)PURANDARE Shrinivas

2)MALHOTRA Geena

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising arformoterol and fluticasone furoate (preferably for once daily administration) to a process for preparing such a composition and to the use of such a composition for the treatment treatment and/or prevention of respiratory inflammatory or obstructive airway disease.

No. of Pages: 26 No. of Claims: 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2321/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: A METHOD OF MANUFACTURING A COMPOSITE BUILDING ELEMENT AND SYSTEM **THEREFOR**

(51) International classification :E04B2/16,B32B27/00,E04B2/92 (71) Name of Applicant: (31) Priority Document No :599152 (32) Priority Date :14/04/2012 (33) Name of priority country :New Zealand (86) International Application :PCT/NZ2013/000066 :15/04/2013 Filing Date

(87) International Publication :WO 2013/154442

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)TIGER PROFILES LLC

Address of Applicant :Sharjah Industrial Area 2 Sharjah

U.A.E. U.A.E.

(72) Name of Inventor: 1)NASR Bernard Robert 2) HAYES Kerry Allan

(57) Abstract:

The invention relates to a method of manufacturing a composite building element that includes a casing material a bulk material and a locking element the method including the steps of: (a) continuously feeding a first sheet of casing material into a filling station; (b) securing the bulk material to the first sheet of casing material; (c) continuously feeding the bulk material and the first sheet of casing material out of the filling station; the method characterised by the step of: (d) securing the locking element to the first sheet of casing material prior to securing the bulk material to the first sheet of casing material.



No. of Pages: 34 No. of Claims: 25

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: VACUUM ARC EXTINGUISHING CHANGEOVER SELECTOR

(51) International classification: H01F29/04,H01H1/56,H01H9/30 (71) Name of Applicant: 1)SHANGHAI HUAMING POWER EQUIPMENT GROUP (31) Priority Document No :201210155015.6 (32) Priority Date :17/05/2012 CO. LTD (33) Name of priority country :China Address of Applicant :No.977 Tongpu Road Putuo District (86) International Application Shanghai 200333 China :PCT/CN2012/001079 No 2)SHANGHAI HUAMING POWER EQUIPMENT CO. :13/08/2012 Filing Date (87) International Publication (72) Name of Inventor: :WO 2013/170405 1)ZHU Qiang (61) Patent of Addition to 2)YU Yiming :NA **Application Number** 3)WANG Chengbao :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A changeover selector with a vacuum arc extinguishing circuit comprises: a central shaft (601); a moving contact (603) driven by the central shaft to rotate; and a first fixed contact (604) and a second fixed contact (605) which are circumferentially arranged on an insulating lath of a cage body of the changeover selector. The moving contact is rotated under the drive of the central shaft and then switched between the first fixed contact and the second fixed contact and the moving contact and the first fixed contact and the second fixed contact compose a main circuit for changeover selection. A vacuum arc extinguishing branch containing a vacuum tube (607) is connected to the main circuit for changeover selection in parallel and the vacuum tube is opened after the moving contact is separated from the first fixed contact and is closed before the moving contact is electrically connected to the second fixed contact. The changeover selector with a vacuum arc extinguishing circuit has the advantages of a simplified mechanism and reliable control solves the problem of pollution of transformer oil due to the fact that the changeover selector generates an electric arc; and the structure size is small thereby being able to reduce the occupied space of the changeover selector save the space of a transformer box body and reduce the costs of transformers and transformer oil.

No. of Pages: 24 No. of Claims: 5

(21) Application No.2052/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SCOOTER TYPE VEHICLE

(51) International classification :B62K1/0 (31) Priority Document No :2013- 175919 (32) Priority Date :27/08/20 (33) Name of priority country :Japan (86) International Application No :PCT// Filing Date :01/01/19 (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	1)Honda Motor Co., Ltd. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor: 1)Suguru, KANDA
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(57) Abstract:

To provide a scooter type vehicle wherein simplification of a sealing structure and a mounting structure for an intake air temperature sensor and prevention of lowering in external appearance can be promised, even in the case where an uncleaned air chamber of an air cleaner is disposed on a vehicle outer side than a cleaned air chamber of the air cleaner. [Solving Means] A cleaner case 58 of an air cleaner device 48 is composed of a case body and a case cover 61 mounted to a vehicle-width-directionally outer side of the case body. A cleaner element is disposed inside the cleaner case 58 in such a manner as to partition the inside of the cleaner case 58 into the cleaned air chamber on the vehicle-width-directionally inner side and the uncleaned air chamber on the vehicle-width-directionally outer side. The intake air temperature sensor 55 is mounted to an upper portion of the case cover 61 from the outside of the case cover 61 so that a detection section thereof fronts on the uncleaned air chamber. The vehicle-width-directionally outer side of a part of the outside air temperature sensor 55 that is exposed to the outside of the case cover 61 is covered with a rear side cover 36. REF. FIG. 2

No. of Pages: 61 No. of Claims: 9

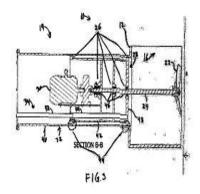
(22) Date of filing of Application :10/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RETRACTABLE MIXING DEVICE AND METHOD

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	B01F7/08 :61/846,264	(71)Name of Applicant: 1)SPX CORPORATION Address of Applicant:13320 BALLANTYNE CORPORATE PLACE, CHARLOTTE, NORTH CAROLINA 28277, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MR. ANDREW CREATHRON 2)MR. GERND GIGAS 3)MR. MICHAEL MCCARROLL
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(57) Abstract:

A system for mixing a fluid in a tank includes a mixer assembly, a housing, and an actuator. The mixer assembly has a motor, a shaft, and an impeller. The housing is disposed in a side wall of the tank. The housing has sufficient volume to contain the impeller. The actuator is configured to retract the mixer assembly and draw the impeller into the housing. The mixer assembly has a first conformation and a second conformation. In the first conformation the impeller is disposed in a main portion of the tank and configured to mix the fluid in response to rotation of the impeller via the motor and shaft. In the second conformation the impeller is disposed in the housing and out of the main portion of the tank.



No. of Pages: 30 No. of Claims: 3

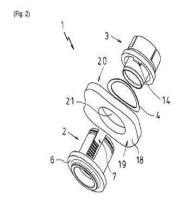
(22) Date of filing of Application :21/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HOUSING WALL SCREW CONNECTION FOR AN ELECTRICAL PLUG-IN CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: H02G15/013 :13 401 085.9 :05/08/2013 :EPO :NA :NA :NA :NA	(71)Name of Applicant: 1)CONINVERS GMBH Address of Applicant: HEISENBERGSTRASSE 1, D-71083 HERRENBERG, GERMANY Germany (72)Name of Inventor: 1)Alexander Hieber 2)Juergen Sahm
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(57) Abstract:

A sealing wall grommet (1) for a wall (18) of an electrical device, comprising a flange-like installation sleeve (2) for receiving a plug part (26) having electrical contacts, to which there can be connected in a plug-in manner a mating plug part which has a securing screw-in sleeve (28) that can be screwed to the installation sleeve (2) and acts as a pull-out prevention means for the mating plug part, wherein the installation sleeve (2) is designed to receive a plug-in section (25) of the plug part (26) and has an abutment which is connected to the installation sleeve (2), runs around the outer circumference thereof and has an annular seal (5) for the wall (18). According to the invention, a tubular tensioning sleeve (3) is provided for tensioning the installation sleeve (2), which tensioning sleeve has at least one inwardly projecting latching means (17) that cooperates with a mating latching means (12) formed on the outside of the installation sleeve (2). The tensioning sleeve (3) pre¬tensions the installation sleeve (2) against the wall (18) in such a way that the elastic seal (5) is effective and the installation sleeve (2) is movable in the radial direction.



No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING OBJECTS AND CALCULATE DISTANCE BETWEEN A VEHICLE AND THE OBJECTS

	20.10	
(51) International classification	:G06Q	(71)Name of Applicant:
	10/00	1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)C R, Manoj
Filing Date	:01/01/1900	2)Udhbhav
(87) International Publication No	: NA	3)PATIL, Prabhudev
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for computing a distance between a vehicle and an object is disclosed. The system may capture a left image and a right image by using a stereo image capturing unit. The system may further detect an object present in a left image and a right image. The system may further determine a Region of Interests (ROIs) in the left image and the right image. The system may further compute a left centroid and a right centroid of the ROIs corresponding to the left image and the right image respectively. The system may further generate a left sub-pixel image and a right sub-pixel image by interpolating the left centroid and the right centroid respectively. The system may further process the left sub-pixel image and the right sub-pixel image. The system may further compute a distance between the vehicle and the object.

No. of Pages: 27 No. of Claims: 10

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AIR CLEANER DEVICE FOR SADDLE TYPE VEHICLE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2013- 175920	1)Honda Motor Co., Ltd. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:27/08/2013	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Suguru, KANDA
Filing Date	:01/01/1900	2)Jumpei, OMORI
(87) International Publication No	: NA	3)Atsushi, KOBAYASHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Title.: Air Cleaner Device for Saddle Type Vehicle [Object] To provide an air cleaner device for a saddle type vehicle in which the length of projection of a connecting tube into the inside of a cleaned air chamber can be set to a length according to desired engine output characteristics, whereby the degree of freedom of designing the engine output characteristics can be enhanced. [Solving Means] A cleaner element 59 is disposed inside a cleaner case 58 to partition the inside of the cleaner case 58 into the cleaned air chamber 76 and an uncleaned air chamber 75. A case body 60 is provided with a cushion relief recess (68). An end portion of the connecting tube 70 is mounted to a front end portion of the case body 60 in the state of projecting into the cleaned air chamber 76 by a predetermined length. The cleaner element 59 is disposed forwardly of the cushion relief recess 68 in the state of being so inclined that its rear end-side portion is located on the vehicle-width-directionally outer side than its front end-side portion. An end portion of the connecting tube 70 is disposed in a space 72 between the cleaner element 59 and a formed wall of the cushion relief recess 68, in the manner of being inserted and passed through the space 72. Ref. FIG. 6

No. of Pages: 65 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2263/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: GROWTH ENHANCEMENT OF INFANTS

(51) International classification :A61K38/28,A61K9/48,A61P43/00

(31) Priority Document No :61/625,697

(31) Priority Document No .01/025,097 (32) Priority Date :18/04/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IL2013/050333

No :17/04/2013

Filing Date

(87) International Publication :WO 2013/157003

(61) Patent of Addition to Application Number :NA

Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA :NA

Filing Date

(71)Name of Applicant : 1)NUTRINIA LTD.

Address of Applicant :P.O. Box 1252 1711102 Nazareth Illit

Israel Israel

(72)Name of Inventor: 1)SHEHADEH Naim 2)HANIEN Aviv 3)PORAT Chen

4)SHAMIR Raanan 5)ESHKAR SEBBAN Lora

6)DEVIR Michal

7)OLSHANSKY Michal

(57) Abstract:

The present invention relates to compositions and methods for enhancing the growth of infants. Particularly the present invention discloses the use of insulin for promoting the growth of low birth weight infants including preterm infants and small for gestational age (SGA) infants over the expected rate.

No. of Pages: 39 No. of Claims: 26

(22) Date of filing of Application :21/07/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : STRUCTURAL CONNECTORS FOR DRAGLINE BOOM AND MAST TUBULAR CLUSTERS AND METHODS FOR REPAIR, REINFORCEMENT AND LIFE EXTENSION OF DRAGLINE BOOMS AND MASTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	E02F3/58 :61/859235	(71)Name of Applicant: 1)BMT WBM Canada Consulting Engineers Inc. Address of Applicant: 401-611 Alexander Street, Vancouver, British Columbia, V6A 1E1, Canada Canada (72)Name of Inventor: 1)Charles Peter CONSTANCON
Filing Date (87) International Publication No	:NA : NA	2)Arlon John Thomas RATCLIFF 3)Harold BYDEMAST
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A construction for a boom such as a dragline boom provides a spade plate that connects lacing members to a main chord at a cluster. The spade plate is curved. One edge of the spade plate has tabs attached to the lacing members. Another edge of the spade plate is attached to the main chord. The spade plate may be applied for new construction or repair.

No. of Pages: 31 No. of Claims: 44

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: HIGH EFFICIENCY LOW SLUMP LOSS SUPERPLASTICIZER BASED ON COMB SHAPED POLYCARBOXYLATE ETHER AS WELL AS THE PROCESS FOR MANUFACTURE THEREOF.

(51) International classification	:C08F220/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)APPLE CHEMIE INDIA PVT LTD
(32) Priority Date	:NA	Address of Applicant :24, CENTRAL EXCISE COLONY,
(33) Name of priority country	:NA	ABHANG, RING ROAD, NAGPUR-440015, MAHARASHTRA,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. MADHSUDAN M. BHAGWAT
(61) Patent of Addition to Application Number	:NA	2)VIVEK NAIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is concerned with comb shaped polycarboxylate ethers as well as the process for manufacture thereof. Concrete admixtures based on the polymers made according to the present invention exhibit properties such as decreasing the concrete viscosity, enhancing the slump retaining ability and suppressing the bleeding water & thereby improving the cement compositions, so that work becomes easy at a field handling cement paste, mortar & concrete .Advanced polycarboxylate ethers described in the present invention are copolymers containing unsaturated carboxylic acids & their salts, derivatives of the said carboxylic acids & having varying density of pendant chains containing polyalkylene glycol units having different compositions and different chain lengths.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :07/07/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: BANKNOTE COUNTING AND AUTHENTICATING MACHINE AND METHOD THEREOF

(31) Priority Document No:102(32) Priority Date:09/0	107/20 124561 7/2013 Pentina (71)Name of Applicant: 1)Climax Machine Industry Co., Ltd
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(57) Abstract:

A machine includes an electronic control module for conducting authentication process of a banknote and transiting/receiving every module signal to control operation of a user interface; an image control module for activating an image sensor to read and authenticate the banknote upon receipt of a banknote input signal from the electronic control module, thereby resulting in an authenticated result and transmitting back to the electronic control module; a motor control module for causing a corresponding motor operation of a motor upon receipt of a command signal from the electronic control module; and a counterfeit control module for processing a banknote data via a reading head, a thickness detector and an infrared scanner upon receipt of another signal from the electronic control module and generating, transmitting a banknote result back to the electronic control module for further processing.



No. of Pages: 48 No. of Claims: 12

(21) Application No.2206/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CLEANING COMPOSITIONS

(51) International classification	:C11D1/68,C11D3/382	(71)Name of Applicant:
(31) Priority Document No	:13/464,520	1)AGAIA INTERNATIONAL INC.
(32) Priority Date	:04/05/2012	Address of Applicant :3020 Ne 32nd Ave. Suite 222 Fort
(33) Name of priority country	:U.S.A.	Lauderdale FL 33308 U.S.A.
(86) International Application No	:PCT/US2013/036428	(72)Name of Inventor:
Filing Date	:12/04/2013	1)SHELL Christopher A.
(87) International Publication No	:WO 2013/165675	2)SHELL Benjamin P.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A liquid cleaning composition containing alkyl polyglycoside surfactants an alkylated vegetable oil water and a sodium containing base provides excellent cleaning soil removal capabilities. The carbon materials from which it is manufactured are all renewable and the composition is readily biodegradable.

No. of Pages: 17 No. of Claims: 19

(21) Application No.2207/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: Die cutting machine with multicylinder drive assembly

(51) International classification	:B26F1/38, F16J9/00	(71)Name of Applicant : 1)ATOM SPA
(31) Priority Document No	:MI2013A001308	Address of Applicant :Via Morosini, 6 27029 Vigevano (PV),
(32) Priority Date	:02/08/2013	Italy Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT//	1)VALLI, Bruno
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A die cutting machine (10) with multicylinder drive assembly is of the type with travelling arm (20), carried by a column (18) vertically slidable in the bedplate (12) of the same machine. The travelling arm (20) protrudes projecting above the working surface (14), is moved by a pump-motor assembly and comprises two or more pistons (30-40), integrated into a bank (28), one of which is connected to said column (18).

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AUTOMATIC DIAGNOSIS OR REPAIR FOR A GENERATOR CONTROLLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F 11/00 :14/025,499 :12/09/2013 :U.S.A. :PCT///	U.S.A. U.S.A. (72)Name of Inventor: 1)Isaac S. FRAMPTON
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT TITLE.: AUTOMATIC DIAGNOSIS OR REPAIR FOR A GENERATOR CONTROLLER A set of generators are connected in parallel using an electrical bus. One of the generators includes selectively connected inputs including a first input associated with a generator and a second input associated with the bus. A controller is configured to receive a first electrical characteristic from the first input assigned to a first connection and a second electrical characteristic from the second input assigned to a second connection. The controller is configured to generate a switching signal to assign the first input to the second connection or assign the second input to the first connection in response to a difference between the first electrical characteristic and the second electrical characteristic exceeding a threshold.

No. of Pages: 60 No. of Claims: 20

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : A PORTABLE, ECONOMICAL, EFFICIENT SYSTEM TO MINIMIZE HUMAN EFFORTS FOR SUGARCANE SOWING IN MULTIPLE TRACKS SIMULTANEOUSLY CARRYING OUT MULTIPLE TASKS.

(51) International classification	:G06F15/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SANJEEV D KULKARNI
(32) Priority Date	:NA	Address of Applicant :B-804, MEGHVARSHA
(33) Name of priority country	:NA	SOCIETY,BEHIND SHELL PETROL PUMP,WARJE, PUNE
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)GAJANAN B CHIVATE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SANJEEV D KULKARNI
Filing Date	:NA	2)GAJANAN B CHIVATE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

A Portable, Economical, Efficient System to Minimize Human Efforts for Sugarcane Sowing in Multiple tracks Simultaneously Carrying out Multiple Tasks and method of carrying of sowing Sugarcane and other seeds.

No. of Pages: 5 No. of Claims: 3

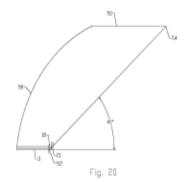
(22) Date of filing of Application :05/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LOW SIDELOBE REFLECTOR ANTENNA WITH SHIELD

(51) International classification	:H01Q15/14,H01Q19/13	(71)Name of Applicant:
(31) Priority Document No	:13/947,215	1)ANDREW LLC
(32) Priority Date	:22/07/2013	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2014/037756	(72)Name of Inventor:
Filing Date	:13/05/2014	1)BRANDAU Ronald
(87) International Publication No	:WO 2015/012940	2)SYED Junaid ul Islam
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A front feed reflector antenna with a dish reflector has a wave guide is coupled to a proximal end of the dish reflector projecting into the dish reflector along a longitudinal axis. A dielectric block may be coupled to a distal end of the waveguide and a sub reflector coupled to a distal end of the dielectric block. A shield is coupled to the periphery of the dish reflector. A subtended angle between the longitudinal axis and a line between the focal point and a distal periphery of the shield is 50 degrees or less.



No. of Pages: 47 No. of Claims: 20

(22) Date of filing of Application :05/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : DIFFERENTIAL PRESSURE TYPE FLOWMETER HAVING REDUNDANT PRESSURE SENSORS ALLOWING SENSOR FAILURE AND DEGRADATION DETECTION

(51) International classification	:G01F25/00,G01F1/38	(71)Name of Applicant:
(31) Priority Document No	:13/482167	1)ROSEMOUNT INC.
(32) Priority Date	:29/05/2012	Address of Applicant :8200 Market Boulevard Chanhassen
(33) Name of priority country	:U.S.A.	MN 55317 U.S.A. U.S.A.
(86) International Application No	:PCT/US2013/037096	(72)Name of Inventor:
Filing Date	:18/04/2013	1)SITTLER Fred C.
(87) International Publication No	:WO 2013/180843	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system (100) for measuring flow of process fluid through process piping (102) includes a flow restriction (108) in the process piping generating a differential pressure between an upstream side of the restriction (108) and a downstream side of the restriction (108). The differential pressure is related to flow of the process fluid. First and second upstream pressure transmitters (104C 104D) are coupled to the process piping (102) on the upstream side of the flow restriction (108) and measure respective first and second upstream pressures. First and second downstream pressure transmitters (104A 104B) are coupled to the process piping (102) on the downstream side of the flow restriction (108) and measure respective first and second downstream pressure of the process fluid. Flow rate of the process fluid is calculated based upon at least one upstream pressure and one downstream pressure.



No. of Pages: 17 No. of Claims: 25

(51) International

(32) Priority Date

Filing Date

Application Number

Filing Date

Filing Date

(61) Patent of Addition to

(62) Divisional to Application :NA

(31) Priority Document No

(33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2013/000427

(87) International Publication: WO 2013/163735

classification

No

(22) Date of filing of Application :29/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A NEW METHOD AND APPARATUS TO ATTAIN AND MAINTAIN TARGET ARTERIAL BLOOD GAS CONCENTRATIONS USING RAMP SEQUENCES

:A61M16/00,A61B5/021,A61B5/08

:61/640570

:30/04/2012

:30/04/2013

:NA

:NA

:NA

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9)MIKULIS David

10)MANDELL Daniel Michael

(57) Abstract:

Number

An apparatus and method for controlling the end tidal partial pressure of a gas X in a subject s lung and to the use of such an apparatus and method for research diagnostic and therapeutic purposes wherein the method consists of: obtaining input of a series of logistically attainable PetX values for a series of respective breaths: determining an amount of gas X required to be inspired by the subject in an inspired gas to target the PetX for each of said respective breaths: and controlling a gas delivery device to deliver the amount of gas in a volume of gas delivered to the subject in each of said respective breaths to target the respective PetX for that breath.

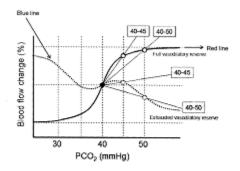


Fig. 9

No. of Pages: 112 No. of Claims: 79

(21) Application No.2438/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: Extruder

(51) International classification	:B29C 47/00, B29C47/08	(71)Name of Applicant: 1)LEISTRITZ EXTRUSIONSTECHNIK GMBH
(31) Priority Document No	:102013108335.8	· ·
(32) Priority Date	:02/08/2013	N ¹ / ₄ rnberg Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Frank Rechter
Filing Date	:01/01/1900	2)Sven Wolf
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Extruder comprising an operative unit having a cylinder and at least one extruder screw which is removably accommodated therein, a motor and a gear unit which is separated from the motor via a clutch and which drives the extruder screw, wherein the extruder screw is releasably connected to the gear unit, and a controller installation which controls the operation of the motor or at least of a further installation which is provided, in particular, on the operative unit or is assigned to the operative unit, wherein at least one information element (13) which identifies the extruder screw (4) and which, during or after insertion of the extruder screw (4) into the cylinder (3) or connection to the gear unit (8), is automatically acquirable by means of a sensor element (14), is provided on the extruder screw (4), wherein the controller installation (11), depending on the acquired information, controls the operation of the motor (9) or of the further installation (6, 26).

No. of Pages: 24 No. of Claims: 15

(21) Application No.1283/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AMORPHOUS FORM OF APREMILAST

(51) International classification	A61K9/14, A61K9/y48, A61K31	ZYDUS TOWER, SATELLITE CROSS ROADS
(31) Priority Document No	:NA	AHMEDABAD-380015 Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)KHERA BRIJ
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT AN AMORPHOUS FORM OF APREMILAST The present invention provides an amorphous form of apremilast and process for preparation thereof. The present invention also provides a pharmaceutical composition comprising an amorphous apremilast and one or more of pharmaceutically acceptable carriers, excipients or diluents used for the treatment of active psoriatic arthritis.

No. of Pages: 26 No. of Claims: 21

(22) Date of filing of Application :24/06/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: UTILIZATION OF THE NOVEL, ENVIRONMENTAL ISOLATES PSEUDOMONAS SP. IPB-B26 AND N-128 FOR THE EFFICIENT HIGH YIELD PRODUCTION OF MCL/LCL-PHAS

(51) T	G10N 1/00	
(51) International classification	:C12N 1/20	(71)Name of Applicant:
(31) Priority Document No	:13173572.2	1)DRITTE PATENTPORTFOLIO
(32) Priority Date	:25/06/2013	BETEILIGUNGSGESELLSCHAFT MBH & CO. KG
(33) Name of priority country	:EPO	Address of Applicant :Berliner Str. 1, 12529 Schnefeld/OT
(86) International Application No	:PCT//	Waltersdorf, Germany Germany
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)GALI, M²nica Bassas
(61) Patent of Addition to Application Number	:NA	2)RIVAS, Sagrario Arias
Filing Date	:NA	3)MOLINARI, Gabriella
(62) Divisional to Application Number	:NA	4)TIMMIS, Kenneth Nigel
Filing Date	:NA	

(57) Abstract:

The present application is directed at microorganisms of the genus Pseudomonas as deposited under DSM26199 (Pseudomonas sp. IPB-B26) and DSM26200 (Pseudomonas sp. N-128) with the Leibnitz Institute DSMZ. The present application is further directed at a process for the production of medium- and long-chain-length PHAs, comprising cultivating said microorganisms in a culture medium comprising a carbon source and isolating the PHA from the microorganisms. It has been observed that these microorganisms allow for efficient PHA production in high yields. In addition, the inventive microorganisms possess the valuable capability to incorporate unsaturated fatty acids into the resulting PHAs. The inventive microorganisms thus enable a later modification of the PHAs as well as cross-linking, thus opening new fields of applications for these materials.

No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD OF SELECTING AN ACTIVE SIM FOR AN EMERGENCY SERVICE AND MULTI-SIM DEVICE UTILIZING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W88/06, H04W52/02 :14/231,972 :01/04/2014 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)MediaTek Inc. Address of Applicant:No. 1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 300, Taiwan, R.O.C. Taiwan (72)Name of Inventor: 1)Wei-Feng SHIH 2)Yuh-Hwang YOU 3)Ming LEE 4)Chih-Hung LEE
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(57) Abstract:

A method of selecting an active SIM for an emergency service and a multi-SIM device utilizing the same are disclosed. The method, adopted by the multi-SIM device, includes: receiving a request for an emergency call on a first SIM camping on an LTE network; determining whether a second SIM camps on a second communications network which supports an emergency service; and when the second communications network supports the emergency service, performing the emergency call from the second SIM.

No. of Pages: 30 No. of Claims: 10

(22) Date of filing of Application :28/11/2014

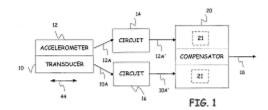
(43) Publication Date: 09/10/2015

(54) Title of the invention : TRANSDUCER ACCELERATION COMPENSATION USING A DELAY TO MATCH PHASE CHARACTERISTICS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:61/648854 :18/05/2012 :U.S.A.	(71)Name of Applicant: 1)MTS SYSTEMS CORPORATION Address of Applicant:14000 Technology Drive Eden Prairie MN 55344 U.S.A. U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/041367 :16/05/2013 :WO 2013/173592	(72)Name of Inventor : 1)SCHLETTY Mark M. 2)SAARI Byron J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SAARI BYIUII J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and system for correcting for the inertial error of a transducer (10) as a function of frequency by applying a delay (21 48) to a leading signal of the transducer (10) to provide phase compensation.



No. of Pages: 20 No. of Claims: 19

(22) Date of filing of Application: 19/08/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : POWER SEMICONDUCTOR DEVICE AND METHOD FOR PRODUCING A POWER SEMICONDUCTOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L23/00 :102013109589.5 :03/09/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant:SIGMUNDSTRASSE 200, 90431 NUERNBERG, GERMANY Germany (72)Name of Inventor: 1)Ingo Bogen 2)Markus Beck 3)Hartmut Kulas 4)Alexander Popescu 5)Reinhard Helldoerfer
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(57) Abstract:

The invention relates to a power semiconductor device comprising a power semiconductor module and a heat sink, wherein the heat sink has a first cooling housing component, which has a cutout passing through the first cooling housing component, and a second cooling housing component, wherein the cooling plate is arranged in the cutout, wherein the first and second cooling housing components have such a shape and are arranged relative to one another in such a way that a cavity is formed at the side of the cooling plate facing away from the power semiconductor components, wherein the cooling plate is connected to the first cooling housing component by means of a first weld seam extending circumferentially around the cooling plate, wherein the first weld seam seals the cooling plate in relation to the first cooling housing component, wherein the second cooling housing component is connected to the first cooling housing component. Furthermore, the invention relates to a method for producing a power semiconductor device. The invention provides a power semiconductor device which has a good heat conduction from the power semiconductor components to a heat sink of the power semiconductor device, through which heat sink a liquid can flow, and in the case of which the heat sink is leaktight reliably and over the long term.

No. of Pages: 34 No. of Claims: 15

(21) Application No.1264/MUM/2014 A

(19) INDIA

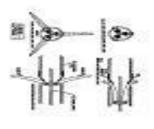
(22) Date of filing of Application :03/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SPIKE TUBE

(51) International classification	·A61M5/148	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Muhammad Fasihuddin Makki
(32) Priority Date	:NA	Address of Applicant :B- 36 Abhimanshree Society Pashan
(33) Name of priority country	:NA	Road Pune Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Muhammad Fasihuddin Makki
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention discloses a portable spiked tube barricade which can eject spikes when required and which retracts back in resting position thus preventing unsolicited approach of people especially in extreme situations which can result in loss of property and life.



No. of Pages: 14 No. of Claims: 1

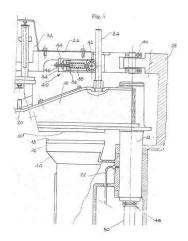
(22) Date of filing of Application :30/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED PUNCHING MACHINE WITH SWING ARM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	: C14B5/00, D06H7/00 :MI2013A001236 :24/07/2013 :Italy :NA	(71)Name of Applicant: 1)ATOM SPA Address of Applicant: Via Morosini, 6 27029 Vigevano (PV), Italy Italy (72)Name of Inventor: 1)VALLI, Bruno
Filing Date (87) International Publication No (61) Potent of Addition to Application Number	:NA : NA	
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An improved punching machine with swing arm (10)comprises a base (14) which a column (12) is positioned in, moved hydraulically in a vertical direction, to which said swing arm is connected so as to overhang (10), the underside of which (10 ') abuts with and compresses alternately a plurality of dies positioned on the material to be cut. The material is spread out on a block (18) surmounting a work top (16) parallel to said underside (10') of the swing arm (10) and made in the upper part of the base (14) under said swing arm (10). The punching machine comprises thrust means to keep the swing arm (10) constantly balanced and thus make the angular rotation of said arm consistently smooth and fluid.



No. of Pages: 10 No. of Claims: 6

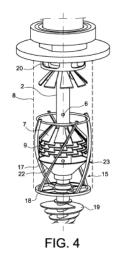
(22) Date of filing of Application :25/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LAMINAR FLOW CENTRIFUGAL SEPARATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12 56276 :29/06/2012 :France :PCT/EP2013/063550 :27/06/2013 :WO 2014/001469 :NA	2)FLOWERSEP (72)Name of Inventor: 1)CHEZAUD David
(61) Patent of Addition to Application		1 '
Filing Date	:NA	

(57) Abstract:

The invention relates to a centrifugal separator the rotating bowl (1) of which is provided with tapered structures divided into sectors (7) separated by angularly offset gaps (9) so as to promote a uniform and spiral flow of fluid therein said flow being laminar and greatly enhancing the efficiency of the separation. In the case of two phase or three phase suspensions a cake is obtained on the side wall (8). A scraper (15) rotating at a slightly different speed can be added so as to simultaneously enable said solid cake to be directed toward the outlet and continuous operation.



No. of Pages: 18 No. of Claims: 19

(21) Application No.2504/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADJUSTABLE TIRE PRESSURE DETECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60C23/04 :102131772 :04/09/2013 :Taiwan :PCT// :01/01/1900 : NA :NA	Address of Applicant :1F, No.223, Wuhe St., Cyonglin Township, Hsinchu County, Taiwan, R.O.C. Taiwan (72)Name of Inventor:
	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An adjustable tire pressure detector is installed on a tire rim (11), and includes a detector body (2), a gas intake nozzle (3) and a gas nozzle assembly member (4). The detector body (2) includes a housing (21) and a gas nozzle assembly hole (22). The gas nozzle assembly hole (22) includes two parallel limiting contact surfaces (221) and at least one connecting surface (222) connecting the two limiting contact surfaces (221). The gas intake nozzle (3) includes two compact surfaces (311) corresponding to and tightly pressing against the limiting contact surfaces (221), at least one abutting contact surface (312) connecting the compact surfaces (311) and contacting with the connecting surface (222), and an assembly hole (313) facing the gas nozzle assembly hole (22). The gas nozzle assembly member (4) is coupled with the assembly hole (313) of the gas intake nozzle (3) to fasten the gas intake nozzle (3) onto the detector body (2). Accordingly, the adjustable tire pressure detector of the invention can be installed on different-sized tire rims. Fig. 1

No. of Pages: 17 No. of Claims: 7

(21) Application No.2736/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MOTOR DRIVING DEVICE

(57) Abstract:

A motor driving device includes a microcomputer, a command voltage adjusting circuit, and a driving IC. The command voltage adjusting circuit converts a first command voltage signal from the microcomputer to a second command voltage signal. The driving IC generates a drive pulse based on the second command voltage signal. An upper and a lower limit of an input voltage range of the driving IC are larger than an upper and a lower limit of a voltage range of the first command voltage signal, respectively. Since the command voltage adjusting circuit shifts both the upper and the lower limit of the first command voltage signal, the section of the voltage range of the second command voltage signal, which falls outside the input voltage range of the driving IC, is narrowed. Therefore, it is possible to suppress a reduction in the resolution of the signal inputted to the driving IC. Ref. Fig.: Fig. 1

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :06/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR THE PRODUCTION OF FUNGI AND PRODUCTS THEREOF

(51) International classification	:C12P5/00, C12N1/14, A01H15/00, C12P1/	Industrial Cooperative Estate; Village: Chhapara, Taluka:
(31) Priority Document No	:NA	Mahemadabad, District: Kheda, Gujarat-387130 Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SAHAY, Nirmal Shankar
(86) International Application No	:PCT//	2)VADI, Jay Girdharlal
Filing Date	:01/01/1900	3)PANDYA, Mihir Hariprasad
(87) International Publication No	: NA	-
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ProdyoVidhi Ref.: ABC.0010.IN.CS ABSTRACT PROCESS FOR THE PRODUCTION OF VESICULAR ARBUSCULAR MYCORRHIZAL FUNGI • The present subject matter provides a system for in vivo production of vesicular arbuscular mycorrhizal inoculums, which is used for sustainable crop production. It comprises in vivo cultivation method in Pot/Polybag under the net house condition. Composition of the potting mixture, placing of inoculums in pot/polybag and selection of dual host plant is so designed that to give maximum root biomass and mycorrhizal spore & inoculum in minimum period of cultivation time. The present subject matter also describes the method for production of the said mycorrhizal inoculums. FIG. 1 ProdyoVidhi Ref.: ABC.0010.IN.CS

No. of Pages: 22 No. of Claims: 17

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: WORKSTATION OF A TEXTILE MACHINE PRODUCING CROSS-WOUND BOBBINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: D01H1/16 :102013011664.3 :11/07/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAURER GERMANY GMBH & CO. KG. Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (72)Name of Inventor: 1)Holt, Ute 2)Marx, Alexander
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(57) Abstract:

The invention relates to a workstation of a textile machine producing cross-wound bobbins, with a suction nozzle, which is mounted to be loadable with negative pressure and pivotable, with a suction opening on the suction nozzle head, which is positioned to pick up a thread end that has run onto the cross-wound bobbin in the region of the surface of the cross-wound bobbin rotatably held in a creel. According to the invention it is provided that a shielding device (19A, 19B, 19C) is present, which is arranged or can be positioned below the lower side of the suction nozzle and, when the negative pressure-loaded suction nozzle (17) is positioned in the thread pick-up position, prevents a suction airflow (SLSu), which flows in from below into the suction opening (18) of the suction nozzle (17), from being produced below the suction nozzle (17).

No. of Pages: 21 No. of Claims: 9

(21) Application No.2195/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AIR FILTER ELEMENT

(51) International classification	: F02M35/14, B01D46/24	(71)Name of Applicant: 1)MANN+HUMMEL GMBH
(31) Priority Document No	:102013011609.0	
(32) Priority Date	:12/07/2013	LUDWIGSBURG, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Fabian Wagner
Filing Date	:NA	2)Michael Maier
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An air filter element has a filter means and a circumferential plastic frame with a sealing element, which encompasses a laterally outwardly projecting border of the plastic frame in a U-shaped manner. Designed in one piece with the sealing element is a circumferential sealing lip that is arranged on a side flank of the U-shaped sealing section.

No. of Pages: 16 No. of Claims: 11

(21)

(21) Application No.2838/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A COUPLER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F01D15/09 :1316009.8 :09/09/2013 :U.K. :PCT//	l ' '
Filing Date	:01/01/1900	1)STROUD, Edward
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A coupler (10) comprises at least a first gimbal (31; 32) defining a pivot that is secured to a mounting (41) for securing to a frame member of a vehicle, the pivot also being secured to a buffer column (39) part of which protrudes on an opposite side of the pivot to the mounting (41) such that the buffer column (39) is moveable relative to the mounting (41) with at least two degrees of freedom. The buffer column (39) defines a free (42) end that is remote from the mounting (41) and that is securable to a further member. The buffer column (39) also includes both a reversible buffer that attenuates buff and draft forces acting between the free end (42) and the mounting (41) and also a non-reversible buffer that attenuates buff forces acting between the free end (42) and the mounting or exceeding a predetermined energy threshold, the reversible and non-reversible buffers overlapping over at least part of their lengths in the buffer column (39) which in turn overlaps at least one of the pivots.

No. of Pages: 27 No. of Claims: 17

(21) Application No.2308/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A DEVICE FOR PREVENTING THEFT OF A FIRST VEHICLE COMPONENT WHICH IS RELEASABLY CONNECTED TO A SECOND VEHICLE COMPONENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :PCT/EP2012/001656 :17/04/2012 :WO 2013/156040 :NA	(71)Name of Applicant: 1)VOLVO LASTVAGNAR AB Address of Applicant: S 405 08 Gteborg Sweden (72)Name of Inventor: 1)GERT OVE Wahlstrm 2)DANSUND Christian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a device (101) for preventing theft of a first vehicle component (3) which is releasably connected to a second vehicle component (4). The theft preventing device (101) comprises a cover member (103) arranged for obstructing removal of said first component (3) from said second component (4) and a locking member (105) which is configured for locking the cover member or the second component in an operational position in which the cover member obstructs said removal of said first component from said second component.

No. of Pages: 39 No. of Claims: 46

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A TRANSFORM MECHANISM OF A FINISHING WHEEL FOR AN ABRASIVE BELT POLISHING FINISHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B24B 21/00 :CN201310467984.X :09/10/2013 :China :PCT// :01/01/1900 : NA :NA :NA	(71)Name of Applicant: 1)TaiZhou Federal Robot Technology Co., Ltd Address of Applicant: Bingang Industrial Zone, Shamen Town, Yuhuan County, Taizhou City, Zhejiang Province 317607, China China (72)Name of Inventor: 1)CHEN, Qiyue
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention discloses a transform mechanism of a finishing wheel for an abrasive belt polishing finisher in the field of mechanical technology. The invention is disposed on the inner side of the abrasive belt of the finisher, comprising several slide rails disposed on the side of the frame of the finisher and sliders on the slide rails. A finishing wheel is fixedly connected with each of the sliders. The curved surface of the rim of each of the said finishing wheels has a different curvature. A driving element connected with the slider is provided on the frame of the finisher close to each of the sliders. The finishing wheel corresponding to the driving element, driven by the said driving element, is pressed against the inner side of the abrasive belt. The transform mechanism of the invention could be widely applied and has a high polishing and finishing efficiency.

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A SURFACE PROCESSING SYSTEM FOR A WORK PIECE

(51) International classification	:B24B27/00, B24B21/00	(71)Name of Applicant:
(31) Priority Document No	:CN201310346669.1	1)TaiZhou Federal Robot Technology Co., Ltd
(32) Priority Date	:10/08/2013	Address of Applicant :Bingang Industrial Zone, Shamen
(33) Name of priority country	:China	Town, Yuhuan County, Taizhou City, Zhejiang Province, 317607
(86) International Application No	:PCT//	CHINA China
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHEN, Qiyue
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a surface processing system for a work piece in the mechanical technical field. The system comprises at least one group of polishing units. A manipulator and several polishers with different polishing precisions are provided on the polishing units. The polishers are arranged around the manipulator in turn. The work piece could be moved by the manipulator between the processing center and the polishing units. The machined work piece is loaded by the manipulator for one time when the manipulator is located at the processing center. When the manipulator is located at the polishing units, the manipulator keeps holding the work piece and transfers the work piece in a preset sequence to each polisher corresponding to the polishing unit where the manipulator is located. The surface of the work pieces having different wall thicknesses and complex surfaces could be processed in a large batch with a high efficiency and a high precision by using this system, for which the work pieces could be processed without man power to a large extent.

No. of Pages: 49 No. of Claims: 18

(22) Date of filing of Application :09/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND ASSOCIATED APPARATUS FOR CORRECTING COLOR ARTIFACT OF IMAGE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N1/58 :61/875,216 :09/09/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	,
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(57) Abstract:

TITLE.: METHOD AND ASSOCIATED APPARATUS FOR CORRECTING COLOR ARTIFACT OF IMAGE A method for correcting color shading artifact of an image and associated apparatus is provided. The method comprises: providing a plurality of bases, calculating a plurality of coefficients respectively associated with the bases, generating a correction map by summing the bases respectively weighted by with the coefficients, and providing a corrected image by correcting the image according to the correction map. Each basis is capable of providing a basic correction value for each pixel of an intermediate image which is associated with the image.

No. of Pages: 69 No. of Claims: 38

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR PRODUCING TABLETS CONTAINS OIL BEADS

(51) International classification	:A61K9/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. RAJKUMAR BUDHRAJA
(32) Priority Date	:NA	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(33) Name of priority country	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(86) International Application No	:NA	ANDHERI-WEST, MUMBAI-400 053, MAHARASHTRA,
Filing Date	:NA	INDIA. Maharashtra India
(87) International Publication No	: NA	2)MR. UMANG BUDHRAJA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. RAJKUMAR BUDHRAJA
(62) Divisional to Application Number	:NA	2)MR. UMANG BUDHRAJA
Filing Date	:NA	

(57) Abstract:

A Process for producing tablets containing oil beads involving compressing active components in the form of oil beads, pellets, granules, beads, micropellets, or microgranules into the tablet. Wherein an outer surface of oil beads is hard capsule mainly composed of gelatin and containing a physiologically active substance is uniformly covered with a film material comprising a natural polysaccharide/polyhydric alcohol composition. As the interlocking of this oil bead is better than those of uneven shapes & structured granules, there is better consistency in weight variation of an individual tablet due to the smooth & uniform flow of material into the dies of the compression machine.

No. of Pages: 10 No. of Claims: 9

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR PRODUCING SUSTAINED RELEASE POWDER LAYERED OIL BEADS

(51) International classification	:A61K9/50	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. RAJKUMAR BUDHRAJA
(32) Priority Date	:NA	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(33) Name of priority country	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(86) International Application No	:NA	ANDHERI-WEST, MUMBAI-400 053, MAHARASHTRA,
Filing Date	:NA	INDIA. Maharashtra India
(87) International Publication No	: NA	2)MR. UMANG BUDHRAJA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. RAJKUMAR BUDHRAJA
(62) Divisional to Application Number	:NA	2)MR. UMANG BUDHRAJA
Filing Date	:NA	

(57) Abstract:

A process for producing powder layered oil beads comprising manufacturing oil beads by coacervation technology, where oil beads contains tricaprylic acid glyceride and sesame oil; drying & shifting the soft oil beads; powder layering the dried & shifted oil beads using Solid Drug layering machine or fluid bed coater: and coating powder layered oil bead with the natural polycaccaride/ polyhydric alcohol. Wherein oil beads can containing multiple particulates, wherein particulates are films particles, micropellets, powder or its combination. The poweder layer can contain active pharmaceutical ingredient.

No. of Pages: 12 No. of Claims: 8

(21) Application No.2441/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A process for preparing a filled polymer extrudate

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Side Side Side Side Side Side Side Side	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

A process for preparing a filled polymer extrudate, with which a flowable composition is made, composed of a carrier fluid and reinforcing agents or filler material (9), or coloring pigments (12 added to them in a first extruder (2) and a polymer melt of a thermoplastic polymer (16) in a second extruder (14, in which the composition and the polymer melt are subsequently co-extruded in a co-extruding step in such a way that the polymer melt encloses the composition forming the core of the generated extrudate strand (22).

No. of Pages: 21 No. of Claims: 17

(21) Application No.2909/MUM/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: LOCKING AND UNLOCKING SYSTEM WITH REVERSIBLE TRIGGERING

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	B64D1/06 :102013015746.3 :21/09/2013 :Germany :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)MBDA DEUTSCHLAND GMBH Address of Applicant: HAGENAUER FORST 27, D-86529 SCHROBENHAUSEN, GERMANY Germany (72)Name of Inventor: 1)Thomas Klaffert 2)Walter Hetzer
	:NA :NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

A locking and unlocking system with reversible releasability, with a plurality of locking and unlocking devices (10, 20) which are each provided with at least one of locking and unlocking (), between a locking position (12, 22) and a unlocking is movable, a plurality of locking and unlocking devices (10, 20) coupling and the respective locking and unlocking element (12, 22) acting, kinematic elements (13, 17, 19) having transmission linkage (11, 21) and at least one actuating member for actuation of the transmission linkage which is of a drive (3) is applied, or be acted upon, characterized by the fact that the transmission linkage (11, 21) is formed so that it can at least assume a dead center position, wherein at least one of kinematic elements (13, 17, 19) is changed in such a cinematically effective direction that the transmission kinematics (21 11) can move in the over-center position on a dead center out.

No. of Pages: 23 No. of Claims: 13

(22) Date of filing of Application :03/11/2014

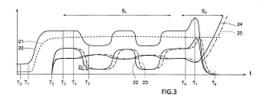
(43) Publication Date: 09/10/2015

(54) Title of the invention: A SELF DIAGNOSING METHOD FOR DIAGNOSING A SCR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/EP2012/001551 :10/04/2012 :WO 2013/152780 :NA :NA	(71)Name of Applicant: 1)VOLVO LASTVAGNAR AB Address of Applicant: S 405 08 Gteborg Sweden (72)Name of Inventor: 1)NILSSON Henrik
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a self diagnosing method for diagnosing a selective catalytic reduction (SCR) system of a vehicle The vehicle comprises an internal combustion engine (2) the SCR system is arranged downstream of the engine (2) and the SCR system comprises at least one exhaust gas sensor (11 12) being sensitive to nitrogen oxides (NOx) gas. The method comprises a first diagnosing sequence (Si) of: ensuring that said vehicle is in a stationary state; controlling said engine (2) to operate in a high NOx output engine operating state and in a low NOx output engine operating state; registering an output signal of said at least one exhaust gas sensor (11 12) when said engine (2) operates in each of said high NOx output engine operating state and low NOx output engine operating state; and diagnosing NOx measurement performance of said at least one exhaust gas sensor (11 12) on the basis of said registered sensor output.



No. of Pages: 34 No. of Claims: 32

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A METAL COMPONENT BY USING A CASTING-AND FORMING-TOOL

(51) International classification	:B21J5/00	(71)Name of Applicant:
(31) Priority Document No	:13184634.7	1)Mubea Carbo Tech GmbH
(32) Priority Date	:16/09/2013	Address of Applicant :Eugen-Muller-Strae 16 A-5020
(22) Name of mismits, country	:EUROPEAN	Salzburg, Austria. Austria
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Werner Hubauer
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing a metal component using a casting and forming-tool with the steps: casting a melt of a metal alloy into the casting- and forming-tool 4, wherein the melt is poured from above into a base part 5 or reservoir 61 of the casting- and forming-tool at a first pressure P1, applying pressure to the melt between the base part 5 and an upper part 6 while the melt is solidifying to a component, wherein the solidifying melt is pressurized at a second pressure P2, which is larger than the first pressure P1, when the melt is at least mostly solidified to form a component compressing the component by relative movement of the base part to the upper part so as to compress the component with a third pressure P3, which is higher than the second pressure P2. The invention also relates to a corresponding device for producing casting blanks. FIG.1

No. of Pages: 37 No. of Claims: 15

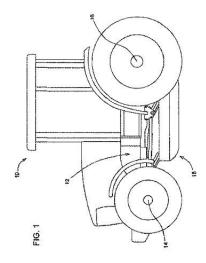
(22) Date of filing of Application :11/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BALLAST ASSEMBLY

(51) International classification	:F21V21/03, H05B41/00,	/
	F21V23/02	Address of Applicant :ONE JOHN DEERE PLACE,
(31) Priority Document No	:14/068,912	MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(32) Priority Date	:31/10/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)DUPPONG STEVEN A
(86) International Application No	:NA	2)BUERKLE BRYAN K
Filing Date	:NA	3)ROBERT WOLSKY
(87) International Publication No	: NA	4)LUCAS LAUDENBACH
(61) Patent of Addition to Application Number	:NA	5)JAMES JOHNSON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	·	

(57) Abstract:

A ballast assembly for a work vehicle includes a ballast weight having a central groove. Two pairs of coupling pins extend across the central groove. A pair of support rods are attached to an underside of a frame part of the vehicle. The assembly also includes a pair of ballast bracket, each of which is releasably coupled to a corresponding pair of the coupling pins. The assembly also includes a pair of links, each having an end pivotally coupled to a corresponding ballast bracket, and having a body with a slot which slidably receives a corresponding support rod. A hydraulic cylinder has a first end pivotally coupled to one of the links and a second end pivotally coupled to the frame part. Each ballast bracket includes a latch member which releasably holds the ballast bracket to the corresponding pair of coupling pins.



No. of Pages: 16 No. of Claims: 19

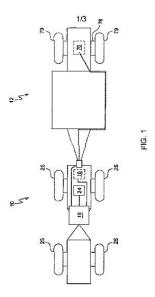
(22) Date of filing of Application :11/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SLIP-RESPONSIVE VEHICLE DRIVE SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) International Publication Number Filing Date (84) Patent of Addition to Application Number Filing Date (85) Divisional to Application Number Filing Date (86) NA	Address of Applicant :ONE JOHN DEERE PLACE,
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(57) Abstract:

A drive and control system is provided for a towing vehicle pulling a towed implement, such as a tractor pulling a scraper. The drive system includes an engine which drives a generator for generating electric power. A towing vehicle electric drive motor is connected to driven wheels of the towing vehicle through a transmission. An assist or implement electric drive motor is drivingly connected to driven wheels of the implement. A power distribution unit controls distribution of electric power from the generator to the towing vehicle and implement drive motors. A control unit controls the power distribution unit as a function of an operator set power split, an operator set maximum wheel slip, sensed wheel slip and other sensed parameters.



No. of Pages: 14 No. of Claims: 10

(22) Date of filing of Application :02/04/2014

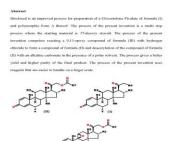
(43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVED PROCESS FOR PREPARATION OF CLOCORTOLONE PIVALATE

(51) International classification :C07J7/0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)Aarti Industries Limited Address of Applicant: 71, Udyog kshetra, 2ndFloor, Mulund Goregaon Link Road, Mulund (W) Mumbai, 400080, India Maharashtra India (72)Name of Inventor: 1)Parimal Hasmukhlal Desai 2)Mr. Narendra Jagannath Salvi 3)Dr. Bharatkumar Surendra Patravale 4)Dr. Subramanian Seetharaman 5)Mr. Subodh Vasant Chaudhari 6)Mr. Jayesh Aakaram Kamble
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(57) Abstract:

Disclosed is an improved process for preparation of a Clocortolone Pivalate of formula (I) and polymorphic form A thereof. The process of the present invention is a multi step process where the starting material is 17-desoxy steroid. The process of the present invention comprises reacting a 9,11-epoxy compound of formula (III) with hydrogen chloride to form a compound of formula (II) and deacetylation of the compound of formula (II) with an alkaline carbonate in the presence of a polar solvent. The process gives a better yield and higher purity of the final product. The process of the present invention uses reagents that are easier to handle on a larger scale.



No. of Pages: 27 No. of Claims: 17

(21) Application No.1248/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LIQUID PHARMACEUTICAL COMPOSITION OF ADALIMUMAB

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Intas Pharmaceuticals Ltd.
(32) Priority Date	:NA	Address of Applicant :Intas Pharmaceuticals Ltd. 2nd Floor,
(33) Name of priority country	:NA	Chinubhai Centre, Ashram Road, Ahmedabad 380009 Gujarat
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Himanshu Gadgil
(61) Patent of Addition to Application Number	:NA	2)Chandresh Chhatbar
Filing Date	:NA	3)Vijaykant Pandey
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a liquid pharmaceutical composition comprising an anti-TNFa antibody, buffer, stabilizer, and surfactant.

Abstract

The present invention relates to a liquid pharmaceutical composition comprising an anti-TNFo antibody, buffer, stabilizer, and

sufactant

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :09/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : APPLICATOR HEAD AND METHOD FOR TREATMENT OF PAIN BY TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/966,342 :14/08/2013 :U.S.A. :PCT// :01/01/1900 : NA :NA :NA	Address of Applicant :1709 Honey Creek Road Jefferson City, MO 65101 United States of America U.S.A. (72)Name of Inventor:
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of the present invention include an apparatus and method for treatment of pain by a device that provides transcutaneous electrical nerve stimulation. The device includes an applicator equipped with an electric pulse provider that sends an electric pulse to a set of electrodes disposed in an applicator head. The device is placed onto the skin of a patientTMs body at the point where the patient experiences pain and such that the electrodes of the device contact the skin of the patient while an insulating land area between the electrodes compresses the nerve during transmittal of the electric pulse through the electrodes and into the patientTMs body.

No. of Pages: 26 No. of Claims: 14

(21) Application No.2991/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTI-LEVEL CONVERTER CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	H02M7/48 :1319953.4 :12/11/2013 :U.K. :PCT//	(71)Name of Applicant: 1)CONTROL TECHNIQUES LTD Address of Applicant: The Gro, Pool Road, Newtown SY16 3BE, United Kingdom U.K. (72)Name of Inventor: 1)HART Simon David
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:01/01/1900 : NA :NA :NA :NA :NA	2)WEBSTER Anthony John

(57) Abstract:

A method is disclosed for controlling at least four switching components of a multi-level converter. The method comprises receiving first and second control signals for controlling a dual-level inverter having two switching components, and processing the first and second received control signals to produce at least four switching component control signals for controlling the switching components of a multi-level converter. Also disclosed are a control logic system, a multi-level converter system and a computer readable medium.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MODULATION OF SWITCHING SIGNALS IN POWER CONVERTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H02M7/539, H02M5/42 :1319921.1 :12/11/2013 :U.K. :PCT// :01/01/1900 : NA :NA :NA	(71)Name of Applicant: 1)CONTROL TECHNIQUES LTD Address of Applicant: CONTROL TECHNIQUES LTD U.K. (72)Name of Inventor: 1)HART Simon David 2)WEBSTER Antony John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of driving a power conversion system is provided, the power conversion system comprising a DC source and an inverter configured to receive DC power from the DC source, the inverter comprising one or more AC terminals for supplying AC power at an output frequency and an inverter switching network comprising a plurality of inverter switches for converting the DC power to the AC power. The method comprises: applying control signals to the inverter switching network in accordance with a selected switching sequence, wherein a switching sequence is applied corresponding to a desired sector of a switching scheme in which a demand vector is currently located; storing a plurality of simultaneous switching schemes; and at low output frequency, applying a simultaneous switching sequence. A corresponding power conversion system and switch controller for a power conversion system are also provided. Fig. 9

No. of Pages: 35 No. of Claims: 13

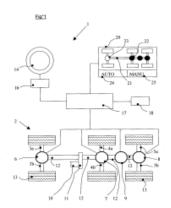
(22) Date of filing of Application :14/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DIFFERENTIAL CONTROL SYSTEM FOR A MOTOR VEHICLE

(51) International classification	:B60K23/04,G05G1/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RENAULT TRUCKS
(32) Priority Date	:NA	Address of Applicant :99 Route de Lyon F 69800 Saint Priest
(33) Name of priority country	:NA	France France
(86) International Application No	:PCT/IB2012/001026	(72)Name of Inventor:
Filing Date	:02/05/2012	1)LONGUEVILLE Fran §ois
(87) International Publication No	:WO 2013/164656	2)CRAVE Philippe
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a differential control system for a motor vehicle in particular for a truck comprising at least one differential (6 7 8 9). The differential control system (1) comprises at least one differential lock which is able to operate the differential (6 7 8 9) into at least a locked or an unlocked state a controller (17) that controls the differential lock a manually operable control member (14) freely rotating bidirectionally around at least one axis (X X) an encoder (16) connected to the control member (14) to convert a rotation of the control member (14) into a signal fed to the controller (17) which controls the differential lock in order to operate the differential (6 7 8 9) into a locked or an unlocked state.



No. of Pages: 30 No. of Claims: 20

(21) Application No.2424/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROSTHETIC MITRAL VALVE

(51) International classification	:A61F2/24	(71)Name of Applicant:
(31) Priority Document No	:61/649319	1)TEL HASHOMER MEDICAL RESEARCH
(32) Priority Date	:20/05/2012	INFRASTRUCTURE AND SERVICES LTD.
(33) Name of priority country	:U.S.A.	Address of Applicant :The Chaim Sheba Medical Center Tel
(86) International Application No	:PCT/IL2013/050432	HaShomer 52621 Ramat Gan Israel
Filing Date	:20/05/2013	2)MITRALHEAL LTD.
(87) International Publication No	:WO 2013/175468	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)RAANANI Ehud
Number	:NA	2)ORLOV Boris
Filing Date	.11/1	3)HARARI Boaz
(62) Divisional to Application Number	:NA	4)MEIRI Oded
Filing Date	:NA	5)ROZITSKY Lichen

(57) Abstract:

A prosthetic mitral valve (100) with a frame comprises at least one arm (134) shaped to deploy among a region of chordae tendineae of the native mitral valve to deflect these chords in order to pull the native valve leaflets around the frame to avoid paravalvular leaks. The frame may be made from two parts that are connected by sutures. The prosthetic valve may be deployed by a catheter comprising a deployment clamp attached to the valve frame where the deloyment clamp is actuable to induce rotation of the frame.

No. of Pages: 108 No. of Claims: 48

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : CENTER FEED SYSTEM EMPLOYING REMOVABLE INSERTS IN A RETRACTABLE INJECTION NOZZLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10B55/00 :61/640555 :30/04/2012 :U.S.A. :PCT/US2013/038955 :30/04/2013 :WO 2013/166077 :NA :NA	(71)Name of Applicant: 1)CURTISS WRIGHT FLOW CONTROL CORPORATION Address of Applicant: 2941 Fairview Park Drive Suite 850 Falls Church VA 22042 U.S.A. U.S.A. (72)Name of Inventor: 1)LAH Ruben F. 2)LARSEN Gary 3)KRAUSE Kenneth
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(57) Abstract:

The present invention extends to a center feed system that allows residual byproduct to be injected into a vessel from within the center of the vessel. The center feed system can include an inlet sleeve that is attached to the vessel and a retractable injection nozzle that extends into the vessel to inject residual byproduct into the vessel and that retracts into the inlet sleeve after injecting the residual byproduct. A retractable injection nozzle in accordance with one or more embodiments of the invention may include one or more openings that each includes an insert that can be removed from the opening. The inserts can therefore be replaced to customize the functionality of the nozzle or to replace the inserts when they have become worn.

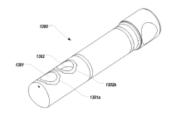


FIG. 13

No. of Pages: 67 No. of Claims: 20

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: A FLOATING DRUG DELIVERY SYSTEM

		(71)Name of Applicant :
(51) International classification	:A61K9/00	1)DR. GULKARI VIJAY DEORAO
(31) Priority Document No	:NA	Address of Applicant :206, RAHUL COMPLEX, WING-1
(32) Priority Date	:NA	SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS
(33) Name of priority country	:NA	STAND, NEAR GANESH PETH, NAGPUR-440 018
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. GULKARI VIJAY DEORAO
(61) Patent of Addition to Application Number	:NA	2)DR. KASLIWAL RAHUL HARISHCHANDRA
Filing Date	:NA	3)BURPUTE SHASHIKANT SADASHIVRAO
(62) Divisional to Application Number	:NA	4)DR. GURAV SHAILENDRA SHIVAJI
Filing Date	:NA	5)MRS. GURAV NILAMBARI SHAILENDRA
		6)MRS. WADETWAR RITA NARESH

(57) Abstract:

The present invention provides a floating drug delivery system comprising at least one pharmaceutically active ingredient; a combination of Sterculiafoetida, Onosmabracteatum and xanthan gum as polymer in a ratio of 1: 0.25:0.25 to 1:1:1; at least one gas generating agent; and at least one excipient selected from the group consisting of binders, diluents, disintegrants, lubricating agents, wetting agents, polymers, surfactants, sweeteners, flavours, pH adjusting agents, glidents, coating agents, plasticizers and colorants.

No. of Pages: 29 No. of Claims: 10

(21) Application No.2986/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN ORALLY ADMINISTRABLE GASTRO RETENTIVE DRUG DELIVERY SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/20, A61K31/155 :NA :NA	Address of Applicant :206, RAHUL COMPLEX, WING-1 SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS
(33) Name of priority country	:NA	STAND, NEAR GANESH PETH, NAGPUR-440 018
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. GULKARI VIJAY DEORAO
(61) Patent of Addition to Application Number	:NA	2)DR. KASLIWAL RAHUL HARISHCHANDRA
Filing Date	:NA	3)BURPUTE SHASHIKANT SADASHIVRAO
(62) Divisional to Application Number	:NA	4)DR. GURAV SHAILENDRA SHIVAJI
Filing Date	:NA	5)MRS. GURAV NILAMBARI SHAILENDRA

(57) Abstract:

The present invention provides an orally administrable gastro retentive dosage form comprising at least one pharmaceutically active ingredient; a combination of Sterculiafoetida gum and xanthan gum as polymer in a ratio of 0.5:1 to 3:1;at least one gas generating agent selected from the group consisting of sodium carbonate, sodium bicarbonate, sodium metabisulfite, calcium carbonate and mixtures thereof; and at least one excipient selected from the group consisting of binders, diluents, disintegrants, lubricating agents, wetting agents, polymers, surfactants, sweeteners, flavours, pH adjusting agents, glidents, coating agents, plasticizers and colorants.

No. of Pages: 27 No. of Claims: 10

(21) Application No.2996/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: OVERCURRENT RELAY AND MOLDED CASE CIRCUIT BREAKER WITH THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01H71/40, H01H71/12, H01H71/44, H01H :10-2013- 0136453 :11/11/2013 :Republic of Korea :NA :NA	(71)Name of Applicant: 1)LSIS CO., LTD. Address of Applicant:127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Jun Yong JANG
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(22)		

(57) Abstract:

An overcurrent relay and a molded case circuit breaker (MCCB) including the same are provided. The MCCB includes: a switching mechanism unit; an overcurrent relay; a trip mechanism, wherein the overcurrent relay includes: a case body; a case cover coupled to the case body; a control unit installed within the case body and having an electronic circuit board; and a plurality of setting knobs disposed to be spaced apart from one another on the electronic circuit board, having an indication unit exposed to the outside to indicate a current reference value and a trip operation time marked on the case cover, respectively, and configured to be rotatable, respectively.

No. of Pages: 39 No. of Claims: 11

(21) Application No.2997/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SWITCHBOARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	H04Q11/04 :10-2013- 0136456 :11/11/2013 :Republic of Korea	(71)Name of Applicant: 1)LSIS CO., LTD. Address of Applicant:127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Jun Yong JANG
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a switchboard. The switchboard includes a switchboard case with a built-in circuit breaker, a door mounted on the switchboard case in a hinge structure to be opened or closed and configured to include a door hook including an inclined surface at a front end, an external manipulation handle provided at an outer side of the switchboard case and configured to manually, externally manipulate a switch-on or off operation of the circuit breaker, and a catching member disposed in the switchboard case to be contactable with the inclined surface of the door hook. The catching member rotates by contacting the inclined surface of the door hook according to a closing operation of the door, and a locked state of the door is maintained by catching the door hook on one side corner of the catching member.

No. of Pages: 36 No. of Claims: 12

(21) Application No.3226/MUM/2014 A

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: CONTROL APPARATUS FOR ENGINE, POWER UNIT OF SADDLE-RIDING TYPE VEHICLE, SADDLE-RIDING TYPE VEHICLE AND METHOD FOR CONTROLLING AN ENGINE

(51) International classification	:B60Q1/14	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)Yamaha Hatsudoki Kabushiki Kaisha
(31) Fliolity Document No	222129	Address of Applicant :2500, Shingai, Iwata-shi, Shizuoka 438-
(32) Priority Date	:25/10/2013	8501, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Yuuji ARAKI
Filing Date	:01/01/1900	2)Kazuteru IWAMOTO
(87) International Publication No	: NA	3)Seigo TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)Koji TAKAHASHI
Filing Date	:NA	5)Daiki ITO
(62) Divisional to Application Number	:NA	6)Hidetoshi ISHIGAMI
Filing Date	:NA	

(57) Abstract:

ABSTRACT TITLE.: CONTROL APPARATUS FOR ENGINE, POWER UNIT OF SADDLE-RIDING TYPE VEHICLE, SADDLE-RIDING TYPE VEHICLE AND METHOD FOR CONTROLLING AN ENGINE Knocking can be favorably handled in a saddle-riding type vehicle even if exogenous noise is mixed in the output of a knock sensor due to collision of a small stone or the like. The saddle-riding type vehicle includes: a first acquisition section that acquires a signal output from the knock sensor during a first period during which there is a possibility of occurrence of knocking; a second acquisition section that acquires a signal output from the knock sensor during a second period which is at least part of a period of the engine excluding the first period and excluding a period during which noise caused by mechanical vibration of the engine is generated; a first control section that determines occurrence of knocking based on the signal acquired by the first acquisition section and that controls the engine to suppress the knocking when knocking occurs; and a second control section that determines generating of exogenous noise caused by an external situation of the saddle-riding type vehicle based on the signal acquired by the second acquisition section and that changes the control of the engine by the first control section based on the determination result. FIGURE OF ABSTRACT: FIG. 2

No. of Pages: 55 No. of Claims: 15

(22) Date of filing of Application :31/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FRAME FOR A CONVEYOR BELT SYSTEM

:B65G15/60, B65G21/00 (71)Name of Applicant : (51) International classification 1)Mettler-Toledo Garvens GmbH (31) Priority Document No :13190277.7 (32) Priority Date Address of Applicant: Kampstrasse 7, 31180 Giesen, :25/10/2013 (33) Name of priority country :EUROPEAN UNION Germany. Germany (86) International Application No (72) Name of Inventor: :PCT// 1)MEYER, Mario Filing Date :01/01/1900 (87) International Publication No : NA 2)BETTELS, Dirk (61) Patent of Addition to Application 3)PREUSSNER, Axel :NA Number 4) KUSCHE, Michael :NA Filing Date 5)HAMANN, Frank (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The frame(1, 101, 201) for a conveyor belt system, which comprises a conveyor belt circulating in a longitudinal direction (L), for supporting a conveyor belt system on the ground assembled for operation, comprises at least two carrier elements (2, 102) made of a plate-like material, the principal planes whereof extend at right angles to the longitudinal direction (L), wherein one carrier element (2, 102) comprises a seating area (3) disposed at the upper end. Furthermore, the frame comprises at least two distance elements (4, 4TM), which are each disposed parallel to the longitudinal direction (L), determine a spacing of the at least two carrier elements (2, 102) and are each connected via at least one support element (5) to at least one machine foot (21) facing the ground, via which machine foot the frame is supported on the ground. According to the invention, the frame (1, 101, 201) additionally comprises at least two first mechanical interface elements (6), which run parallel to the distance elements (4, 4TM), preferably extend over at least two carrier elements (2, 102) and are fixed lying on the seating areas (3) of the at least two carrier elements (2, 102), wherein the seating area (3) is largely alignedhorizontally. The frame (1, 101, 201) additionally comprises at least two fixing elements (7), by means of which the first mechanical interface elements (6) can be fixed to the seating areas (3). Figure 1 is the representative figure.

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MOLDING FOR VEHICLE AND METHOD FOR MANUFACTURING SAME

(51) International classification(31) Priority Document No(32) Priority Date	:2013-182835 :04/09/2013	(71)Name of Applicant: 1)TOKAI KOGYO CO., LTD. Address of Applicant: 4-1, Nagane-cho, Obu-shi, Aichi
(33) Name of priority country	:Japan	4748688, Japan. Japan
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)WATOU, Yasuhiro
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT An elongated molding for a vehicle, including: a main body including, a head portion arranged at a front surface side of a circumferential edge of a window pane, a leg portion protruding from a back surface of the head portion and being arranged to face an end surface of the circumferential edge of the window pane, and a foot portion protruding from a tip of the leg portion toward a center of the window pane, wherein a volume raising portion is integrally provided to at least a portion of a back surface of the head portion in a longitudinal direction thereof, wherein a thickness of the volume raising portion varies at at least some positions in the longitudinal direction, and wherein the volume raising portion is made of a resin material softer than a resin material constituting the head portion.

No. of Pages: 35 No. of Claims: 5

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: POWER UNIT, VEHICLE AND METHOD FOR CONTROLLING POWER UNIT

(51) International classification	:C12N	(71)Name of Applicant:
(31) memational classification	15/113	1)Yamaha Hatsudoki Kabushiki Kaisha
(21) Deignites Degree and Ma	:2013-	Address of Applicant :2500, Shingai, Iwata-shi, Shizuoka 438-
(31) Priority Document No	222124	8501, Japan Japan
(32) Priority Date	:25/10/2013	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)Yuuji ARAKI
(86) International Application No	:PCT// /	2)Hidetoshi ISHIGAMI
Filing Date	:01/01/1900	3)Daiki ITO
(87) International Publication No	: NA	4)Kazuteru IWAMOTO
(61) Patent of Addition to Application Number	:NA	5)Koji TAKAHASHI
Filing Date	:NA	6)Seigo TAKAHASHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
75-5		·

(57) Abstract:

ABSTRACT TITLE.: POWER UNIT, VEHICLE AND METHOD FOR CONTROLLING POWER UNIT The vehicle and the power unit include: an engine; and a control apparatus that controls combustion of the engine, in which a bore diameter of the engine is 45 mm to 60 mm, and the control apparatus includes a knock sensor that detects vibration of the engine. The control apparatus extracts, from a detection signal of the knock sensor, components in a primary frequency band that is a lowest frequency band among a plurality of frequency bands in which peaks of knocking vibration are distributed according to the bore diameter of 45 mm to 60 mm, witha larger gain than that of components in a secondary frequency bandthat is a second lowest frequency band. The control apparatus determines that knocking occurs based on a detection signal in which the components in the primary frequency band are extracted witha larger gain than that of the components in the secondary frequency band, and controls the combustion of the engine based on a determination result of the occurrence of knocking. FIGURE OF ABSTRACT: FIG. 3

No. of Pages: 49 No. of Claims: 5

(22) Date of filing of Application :08/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FILTER MEDIA CONSTRUCTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)FILTRUM FIBRETECHNOLOGIES PRIVATE LIMITED Address of Applicant: Kirloskar House, 100 Anand Park,
(86) International Application No	:NA	Aundh, Pune - 411 007.Maharashtra, India Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANTONY PAYYAPPILLY THOMAS
(61) Patent of Addition to Application Number	:NA	2)KIRLOSKAR NIRANJAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure discloses a filter media construction wherein at least two layers of a substantially open spacer and at least two layers of a filter media/material are combined in an alternating sequence and coiled around a core to form at least two distinct, continuous or segmented, coil-shaped fluid flow channels that are contiguous but separated by the filter media in radial direction and extend axially from an inlet side to an outlet side of the filter media construction preventing direct fluid flow between the clean and dirty sides of the filter media construction. The spacer maintains substantially uniform width of flow channels in flow direction providing substantially uniform fluid flow. One flow channel is closed to fluid flow at the inlet side forming the clean side and the other flow channel is closed to fluid flow at the outlet side forming the dirty side of the filter media construction. Fig.1

No. of Pages: 27 No. of Claims: 20

(21) Application No.1302/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CANISTER ARRANGEMENT FOR A MOTORCYCLE

(51) International classification	:B62J37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant : Akurdi, Pune-411035, State of
(33) Name of priority country	:NA	Maharashtra, India. Maharashtra India
(86) International Application No	:PCT// /	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SOREGAONKAR BHEEMASHANKAR SHIVAJI
(87) International Publication No	: NA	2)DHOKALE SATISH MACHINDRANATH
(61) Patent of Addition to Application Number	:NA	3)KIRVE SANDEEP DNYANESHWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a canister arrangement for a motorcycle comprising of a frame structure, an engine mounted on the lower portion of the frame structure, a seat mounted on the upper portion of the frame structure, and a canister positioned away from heat sources and under the seat and substantially directly above rear wheel of the motorcycle.

No. of Pages: 30 No. of Claims: 15

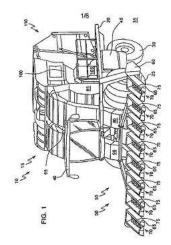
(22) Date of filing of Application :03/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: WRAP DEVICE FOR A ROUND MODULE BUILDER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Siling Date (10) Patent of Addition Number (11) Patent of Addition to Application Number (12) Siling Date (13) Priority Document No (14) Patent of Na (15) Priority Document No (16) Patent of Addition to Application Number (17) Patent of Addition to Application Number (18) Priority Document No (18) P	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
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(57) Abstract:

A wrap device for communicating a wrap to a bale chamber of a round module builder. The round module builder comprises a bale sheave for driving a bale belt to wrap a round module with the wrap. The wrap device comprises a wrap floor. A wrap floor linkage couples the wrap floor to the round module builder. A first sheave and a second sheave are coupled to the wrap floor. A wrap floor belt is supported by the first and second sheaves. An actuator is coupled to at least one of the wrap floor linkage and the wrap floor to move the wrap floor from a disengaged position to an engaged position. In the disengaged position, the wrap is not communicated to the bale chamber. In the engaged position, the wrap floor belt engages the bale belt and communicates the wrap to the bale chamber.



No. of Pages: 20 No. of Claims: 20

(21) Application No.2458/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/07/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: PORTABLE DEVICE

(51) International classification	:H04M	(71)Name of Applicant :
(6 1) 1111011111110111101111011110111	1/00	1)KABUSHIKI KAISHA TOKAI RIKA DENKI
(31) Priority Document No	:2013-	SEISAKUSHO
(31) Thorny Document No	166655	Address of Applicant :260, Toyota 3-chome, ohguchi-cho,
(32) Priority Date	:09/08/2013	Niwa-gun, Aichi 480-0195, Japan. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT//	1)TATSUYAMA, Takuji
Filing Date	:01/01/1900	2)KUNIEDA, Yuki
(87) International Publication No	: NA	3)KAWAMURA, Tetsuya
(61) Patent of Addition to Application Number	:NA	4)KAWAMURA, Masayuki
Filing Date	:NA	•
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable device includes a control unit that controls operation of the portable device and a history management unit that counts resets of the control unit and holdsthe reset countas an operation history.

No. of Pages: 18 No. of Claims: 9

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRANSACTION SYSTEM AND METHOD USING MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2013-223818 :29/10/2013 :Japan :NA :NA : NA : NA	(71)Name of Applicant: 1)HITACHI, LTD. Address of Applicant:6-6, Marunouchi 1-Chome, Chiyoda-ku, Tokyo, Japan Japan (72)Name of Inventor: 1)Toshiyuki MORITA 2)Atsushi SHIMAMURA 3)Masahiro ABE 4)Masataka ITAKURA 5)Norito IKEDA
(62) Divisional to Application Number Filing Date	:NA :NA	5)Norito IKEDA

(57) Abstract:

In a transaction system using mobile device, in a mobile device (1), items are input in a range in which a customer can previously input items with respect to an input template that is defined in each transaction category, and the items are held as transaction input information (step 163), branch information, branch terminal/device information, and transaction operation/device correspondence information are acquired from a server (2) (step 164), and an optimum visit destination branch is calculated in order to complete processing of remaining transactions on the basis of the transaction input information and personalized information in which a transaction scheme desired by the customer is held (step 165). In a business terminal (3), a transaction process for performing processing of remaining transactions is constructed on the basis of the personalized information and the transaction input information received from the mobile device (step 363), and the processing is completed by an input of the remaining transactions through the customer (step 364).

No. of Pages: 46 No. of Claims: 11

(21) Application No.2392/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: Extruder

Filing Date :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)LEISTRITZ EXTRUSIONSTECHNIK GMBH Address of Applicant: Markgrafenstrae 29-39 90459 N¹4rnberg Germany Germany (72)Name of Inventor: 1)Frank Rechter 2)Sven Wolf
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(57) Abstract:

Extruder comprising an operative unit composed of a cylinder and at least two screw shafts which are rotatably accommodated therein, a gear unit having at least two output shafts, wherein each output shaft, via a connecting element, is connected in a rotationally fixed manner to one screw shaft, a motor which drives the gear unit and is coupled to the gear unit via a clutch, and a controller installation, wherein each connecting element (8a, 8b) or each output shaft (9a, 9b) is assigned a separate measuring installation (15a, 15b) for determining the applied torque, wherein the measuring installations (15a, 15b) communicate with the controller installation (13) which, depending on the individual determined torques, controls the clutch which is implemented as a switchable clutch (11), wherein the controller installation (13) is configured for opening the clutch (11) both when a determined torque exceeds a torque limit value and also when the difference between the two determined torques exceeds a limit value.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :19/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RESIN MOLDED STATOR AND MANUFACTURING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B29C45/14 :2013- 195589	(71)Name of Applicant: 1)Nidec Techno Motor Corporation Address of Applicant: 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto 601-8205, Japan Japan (72)Name of Inventor: 1)Tatsuya YOSHIDA 2)Satoru YAMAMOTO 3)Yasuyuki ARAI
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for manufacturing a resin molded stator according to one preferred embodiment of the present invention includes steps of: preparing a straight winding core in which neighboring partial core backs are coupled together by a joint; bending the straight winding core at a plurality of joints and causing distal ends of a plurality of teeth to face an outer peripheral surface of a columnar core metal to thereby obtain a core metal assembly in which a stator is mounted on the core metal, and arranging the core metal assembly in a mold; injecting a resin into the mold, covering at least windings of the respective teeth with the resin, and curing the resin; and removing the stator molded with the resin from the mold and the core metal, wherein the core metal includes a plurality of ribs that project radially outward from the outer peripheral surface, the number of the ribs being three or more and less than the number of the teeth, each of the plurality of ribs extends parallel to a center axis, and in the core metal assembly, each of the plurality of ribs is located in a gap between the distal ends of the teeth adjacent to each other. Ref. Fig.: Fig. 6 Fig. 6

No. of Pages: 42 No. of Claims: 9

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN ISOLATED COAXIAL SIGNAL CONNECTOR

:H01R24/38, H01R13/502 (71)Name of Applicant : (51) International classification (31) Priority Document No :201420086959.7 1) Guangzhou Earda Electronics Co., Ltd (32) Priority Date Address of Applicant :5/F, Building 2 of No.8, Dengyun Av., :27/02/2014 (33) Name of priority country Tangbudong Village, Nancun Towns, Panyu District, Guangzhou :China (86) International Application No City, Guangdong Province, China 511442 China :PCT// (72)Name of Inventor: Filing Date :01/01/1900 (87) International Publication No : NA 1)Jinling LI (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number: NA Filing Date

(57) Abstract:

The invention discloses an isolated coaxial signal connector, including a circular dielectric ceramic capacitor and the connected parts, the metal housing and the insulation sleeve connecting the input terminal and the output terminal; the metal housing at the input terminal and the one at the output terminal are connected by the insulation sleeve, making the cavity of the metal shell through the top, the middle to the end; the insulation sleeves at the input terminal and output terminal are fixed in the top and the bottom of the cavity; and the upper portion of the insulating sleeve at the output terminal to sticks into the body of the inside of the insulating sleeve at the input terminal through the cavity of the shell. Ceramic capacitor in the cavity of the shell is installed outside of the insulating sleeve at the output terminal and connects the metal housing at the input terminal and the one at the output terminal. The core wire is connected in the lumen of the insulating sleeve at the input terminal and output terminal. The invention owns advantages such as structural stability, low implementation cost, easy and fast assembly.

No. of Pages: 10 No. of Claims: 10

(21) Application No.2324/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR SYNTHESIZING AQUEOUS SOLUTION OF HOMOPOLYMER N VINYL BUTYROLACTAM (K60) WITH LOW RESIDUAL MONOMER AND MIDDLE HIGH MOLECULAR WEIGHT

(51) International :C08F126/10,C08F26/10,C08F4/38

classification

(31) Priority Document No :201210153253.3 (32) Priority Date :16/05/2012 (33) Name of priority country :China

(86) International Application :PCT/CN2012/079065

No :23/07/2012 Filing Date

(87) International Publication :WO 2013/170536

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1) SHANGHAI YUKING CHEMTECH CO. LTD.

Address of Applicant :Room 309 Building 1 No.88 Darwin Road Zhangjiang Hi Tech Park Pudong New District Shanghai 201203 China

(72) Name of Inventor:

1)WANG Yu 2) ZENG Yang 3)WU Meiling

(57) Abstract:

Disclosed is a method for synthesizing an aqueous solution of homopolymer N vinyl butyrolactam (K60) with low residual monomer and a middle high molecular weight using 20 50% weight of an aqueous solution of N vinyl butyrolactam monomer as a raw material in the presence of an inert gas at a polymerization temperature of 57°C 72°C carrying out a reaction under stirring for 4 6 h during which the temperature is increased in stages and an initiator is added in decreasing amounts the initiator being azobisisoheptonitrile the total amount of the initiator added being 0.012% of the mass of the N vinyl butyrolactam monomer; after the K value of the system reaches 5865 adding sulphuric acid to adjust the pH to be at 4.2 4.5 maintaining the temperature at 90 140°C and stirring for more than 4 hours to remove the residual monomer so as to obtain 20 50% weight of a colourless and transparent aqueous solution of homopolymer N vinyl butyrolactam (K60) with low residual monomer and a middle high molecular weight and having residual monomer below 10 ppm and the K value of 58 65.

No. of Pages: 21 No. of Claims: 5

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HIGH DENSITY POLYETHYLENE COMPOSITION AND CLOSURE

:C08L23/04,C08L23/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)CONOPCO INC. D/B/A UNILEVER :61/658184 Address of Applicant: 800 Sylvan Avenue Ag West S. Wing (32) Priority Date :11/06/2012 (33) Name of priority country Englewood Cliffs NJ 07632 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/045005 2)DOW GLOBAL TECHNOLOGIES LLC Filing Date (72) Name of Inventor: :10/06/2013 (87) International Publication No :WO 2013/188304 1)DOMOY Brett Christopher (61) Patent of Addition to Application 2) UNGER Barrett Albert :NA Number 3)JABLONKA Mark T. :NA

Filing Date :N

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a high density polyethylene (HDPE) composition that comprises at least a first high density polyethylene component having a density of 0.940 0.968 g/cm and a melt index I2.16 of 0.5 10.0 dg/min and a melt flow ratio (flow index I21.6 at 190°C divided by melt index I2.16 at 190°C) of at least 25. A second HDPE component may be included in the composition with melt index I2.16 of greater than 10 dg/min and melt flow ratio of 30 or less. The disclosed compositions are suitable for use in living hinge closure applications.



Fig. 8

No. of Pages: 36 No. of Claims: 30

(21) Application No.2519/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEBRIS DIVERTER SHIELD FOR FUEL INJECTOR

(51) International classification	:F02M61/16, F02M37/22	(71)Name of Applicant:
(31) Priority Document No	:14/084,840	1)Stanadyne Corporation
(32) Priority Date	:13/11/2013	Address of Applicant :92 Deerfield Road, Windsor,
(33) Name of priority country	:U.S.A.	Connecticut 06095, USA. U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Mark S. Cavanagh
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular debris shield and diverter mounted in a high pressure flow passage within a fuel injector, provide the dual functions of passing the main flow of high pressure fuel with large debris particles to relatively large discharge openings, such as the injector spray holes, while allowing some high pressure fuel to flow through a multitude of very small transverse holes to a sensitive hydraulic component, such an injector control valve circuit. In one embodiment, the tube has a wall thickness in the range of about 0.1 to 0.5 mm at least about 2000 holes with a diameter in the range of about 20 to 30 microns.

No. of Pages: 21 No. of Claims: 15

(21) Application No.3583/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AUGMENTED REALITY UPDATING OF 3D CAD MODELS

	:G06F17/50,	(71)Name of Applicant:
(51) International classification	G06F19/00,	1)DASSAULT SYSTEMES
	G06F3/14	Address of Applicant :10 rue Marcel Dassault, Tower 2, Floor
(31) Priority Document No	:14/101,923	5 Velizy Villacoublay, Cedex 78140, France France
(32) Priority Date	:10/12/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)Mazula, Nelia Gloria
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method updates Computer Aided Design (CAD) models. An augmented reality view of a subject asset is displayed. User interaction therewith causes a CAD model updater to search a CAD database for corresponding CAD model of the subject asset. The CAD model updater displays the CAD model view of the subject asset overlayed on the augmented reality view. With the mashed-up display of these two views, the CAD model updater enables user interaction therewith to update the corresponding CAD model. The updates to the CAD model are made to the CAD file of the modelTMs originating CAD modeling application.

No. of Pages: 24 No. of Claims: 19

(22) Date of filing of Application:06/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PRODUCT AND METHOD FOR MANAGING GANODERMA DISEASE IN OIL PALM

(51) International classification :A01N63/02,A01P3/00,C12R1/39 (71)Name of Applicant:

(31) Priority Document No :PI 2012002018 (32) Priority Date :08/05/2012 (33) Name of priority country :Malaysia

(86) International Application :PCT/MY2013/000092

:08/05/2013 Filing Date

(87) International Publication :WO 2013/169092

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)AGRIBOLICS TECHNOLOGY SDN BHD

Address of Applicant :Block M UPM MTDC Technology Centre Universiti Putra Malaysia 43400 Serdang Selangor Darul

Ehsan Malaysia Malaysia

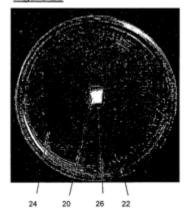
(72) Name of Inventor: 1)LOH Siew Fan

2)ABDULLAH Mohd Amir Fursan bin

(57) Abstract:

A product for treating and/or preventing diseases such as basal stem rot caused by Ganoderma infection in plants such as oil palms comprising a growth medium used to grow Pseudomonas fluorescens bacteria said growth medium including palm oil mill effluent.

Figure 2b



No. of Pages: 22 No. of Claims: 16

(21) Application No.2964/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SURGICAL INSTRUMENT

(51) International classification	:A61B17/30, A61B17/32	(71)Name of Applicant: 1)Z-MEDICAL GMBH & CO. KG
(31) Priority Document No	:102013110796.6	· ·
(32) Priority Date	:30/09/2013	TUTTLINGEN GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Christel PAROTH
Filing Date	:NA	2)Alexander HENNINGER
(87) International Publication No	: NA	3)Zbigniew COMBROWSKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Surgical instrument for separating an introducer sheath from a device connected to the introducer sheath, wherein an extension (2) is configured with a separator (1).

No. of Pages: 18 No. of Claims: 8

(21) Application No.2965/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DRAFTING ARRANGEMENT FOR AN AIR SPINNING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:D01H5/00 :102013017636.0 :23/10/2013 :Germany :NA	Address of Applicant :LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (72)Name of Inventor :
Filing Date	:NA	1)Gries, Thomas Gerhard
(87) International Publication No	: NA	2)Paschen, Dr. Ansgar
(61) Patent of Addition to Application Number		3)Schulte Suedhoff, Eric
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a drafting arrangement for an air spinning device to draw and compress a fibre band, with a precompressor arranged upstream of the drafting arrangement and an air spinning device following the drafting arrangement, a second compressor being arranged in the draft zone of the drafting arrangement arranged upstream of the main draft zone. According to the invention, in addition, arranged in a main draft zone is a third compressor, of which the width of the through-cross section is greater, but a maximum of 10 mm greater, than the width of the through-cross section of the second compressor.

No. of Pages: 15 No. of Claims: 2

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR THE INITIAL ADJUSTMENT OF A CONTROL DEVICE FOR ELECTRONIC EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L 5/00 :1359892 :11/10/2013 :France :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)C&K COMPONENTS S.A.S. Address of Applicant: 2 Rue Berthollet, 39100 Dole, France France (72)Name of Inventor: 1)VILLAIN Jean-Christophe
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(57) Abstract:

ABSTRACT Title.: Method for the initial adjustment of a control device for electronic equipment • The invention proposes a method for the initial adjustment of a control device (20) for electronic equipment, including an upper actuating element (21), a lower supporting mounting (26), a switch (S) which is actuated by the upper actuating element (21) when the upper actuating element (21) is in its active lower position, and an articulated structure which is interposed vertically between the upper element (21) and the lower mounting (26) to keep the upper element (21) parallel to a horizontal plane during its vertical downward movement, and which includes at least one shaft (L), characterized in that the method consists of the following successive steps: - a) applying, in the vertical direction (V), a preload (P) having a predetermined value to said at least one shaft (L) so as to take up the initial assembly play; - b) providing an adjustment stop (104, PC), fixed relative to the lower mounting (26) and forming a stop surface which interacts with a facing portion of said at least one shaft (L) associated with this stop, for positioning said at least one shaft relative to the lower mounting (26); -c) removing said preload (P). Ref. Figure 23

No. of Pages: 51 No. of Claims: 9

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MATCHED INTERFERENCE PIGMENTS OR FOILS AND DESIGN METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	G02B5/28 :61/905,741 :18/11/2013	CA 95035 USA. U.S.A. (72)Name of Inventor: 1)Cornelis Jan DELST
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(57) Abstract:

A method of designing a system of interference filters, each for providing a visible color shifting effect when tilted between first and second viewing angles, includes: a hue matching step of identifying a design of a first interference filter including two first metal layers and a first spacer layer therebetween, and a design of a second interference filter including two second metal layers and a second spacer layer therebetween, wherein the first and second filters match in hue at the first viewing angle, and the mismatch in hue at the second angle; and a lightness adjustment step which may include modifying the layer material or the layer thickness of one of the metal layers; wherein a difference in lightness at the first viewing angle between the first and second modified filters is less that a difference in lightness at the first viewing angle between the first and second filters.

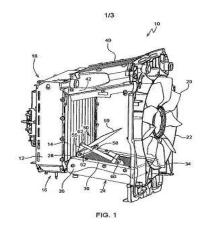
No. of Pages: 35 No. of Claims: 23

(22) Date of filing of Application :11/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTI-UNIT COOLING SYSTEM WITH DYNAMIC BAFFLE

(57) Abstract:

A cooling system for a work vehicle includes first heat exchanger, a fan spaced apart from the first heat exchanger, a second heat exchanger extending between the fan and the first heat exchanger, and a third heat exchanger spaced apart from the second heat exchanger and extending between the fan and the first heat exchanger, A baffle plate is pivotally to a first position reducing air flow through the first heat exchanger and to a second position reducing air flow through the second heat exchanger. The baffle plate is pivoted by a linear actuator.



No. of Pages: 10 No. of Claims: 12

(22) Date of filing of Application :22/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE FOR FILLING AND CLOSING CAPSULES

(33) Name of priority country :Gern (86) International Application No Filing Date :NA (87) International Publication No	(72)Name of Inventor: 1)HEINRICH, Thomas
(87) International Publication No : NA (61) Patent of Addition to Application Number :NA	2)MALICK, Daniel
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	4)HEED, Ruediger

(57) Abstract:

The invention relates to a device for filling and closing capsules made up of a capsule upper part and a capsule lower part, comprising a plurality of processing stations arranged along a preferably circular conveyor belt and a plurality of capsule conveying devices which in each case have a plurality of capsule receivers for receiving one respective capsule, the capsule conveying devices conveying received capsules along the conveyor belt through the processing stations, at least two belt portions arranged in succession being formed along the conveyor belt, a first group of processing stations arranged in succession being provided along a first belt portion, and at least one further group of stations of processing stations arranged in succession being provided along at least one further belt portion, the groups of stations comprising at least one respective supply station, for supplying capsules to be filled into the capsule receivers of the capsule conveying devices, at least one respective opening station for opening the capsules to be filled, by separating the capsule upper parts from the capsule lower parts, at least one respective metering station for filling the capsule lower parts with the material to be filled, at least one respective closing station for closing the filled capsules by placing the capsule upper parts onto the filled capsule lower parts and at least one ejection station for ejecting the filled capsules.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application :21/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : CLAMPING DEVICE FOR CLAMPING A THREAD ON A SPINDLE OF A SPINNING OR TWISTING MACHINE AND SPINNING OR TWISTING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D01H7/18 :102013020470.4 :03/12/2013 :Germany :NA :NA	(71)Name of Applicant: 1)SAURER COMPONENTS GMBH Address of Applicant: MARIA-MERIAN-STRASSE 8, 70736 FELLBACH, GERMANY Germany (72)Name of Inventor: 1)Frey, Peter
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA	2)Haberkorn, Dieter 3)Osswald, Udo 4)Schaefer, Viktor 5)Staudenmaier, Gottfried

(57) Abstract:

The invention relates to a clamping device (1; 101; 201; 301) for clamping a thread on a spindle (2; 102; 202; 302) of a spinning or twisting machine, comprising a clamping element (3; 103; 203; 303), which is fixed in relation to the spindle (2; 102; 202; 302), and a clamping element (5; 105; 205; 305), which is axially displaceable in relation to the fixed clamping element (3; 103; 203; 303), in which the axially displaceable clamping element (5; 105; 205; 305) is arranged and mounted in relation to the fixed clamping element (3; 103; 203; 303) in such a way that the thread can be clamped in a clamping gap (12; 112; 212, 312) of the clamping device (1; 101; 201; 301), wherein the clamping device (1; 101; 201; 301) has a partially resiliently deformable dust sealing mechanism (25; 125; 225; 325) to seal an intermediate space (22; 122) between the two clamping elements (3, 5; 103, 105; 203, 205; 303, 305), which dust sealing mechanism is resiliently deformable in the radial direction (26; 326) depending on a rotational speed of the spindle.

No. of Pages: 32 No. of Claims: 16

(22) Date of filing of Application :20/10/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: POLYMERS OF TRIALKYL QUATERNARY AMMONIUM ETHYL METHACRYLATE SALTS AS SQUEAKINESS ENHANCERS IN CLEANSING COMPOSITIONS

(31) Priority Document No :1207443.1 (32) Priority Date :30/04/2012 (33) Name of priority country :U.K.

:WO 2013/164185

(86) International Application :PCT/EP2013/057871

:16/04/2013

Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA :NA

Number

Filing Date

(51) International classification: A61Q5/02, A61K8/81, A61Q19/10 (71) Name of Applicant:

1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72) Name of Inventor:

1) COURTOIS Jean Philippe Andre Roger

2)DING Junqi

3)PALLA VENKATA Chandra Sekhar

4)WHITTAKER Jane 5)MUKHERJEE Surajit 6)DAVE Rajendra Mohanlal 7) JARVIS Adam Peter

(57) Abstract:

A cleanser composition is provided which includes a homopolymer incorporating a monomer which is a trialkyl quaternary ammonium ethyl methacrylate salt and a non soap synthetic detergent. The composition exhibits a Squeakiness SQ1 value ranging from 5 to 100 grams as measured in an Acoustic Tribometer Tester.

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :14/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CUSHION SHAPED HEARTS AND ARROWS GEMSTONE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: A44C17/00 :61/846,817 :16/07/2013 :U.S.A. :NA :NA :NA :NA :NA	1 7 1 2
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(57) Abstract:

A cushion cut diamond and method for polishing a diamond to form a cushion cut which will display a hearts and arrows pattern characteristic of the true hearts and arrows pattern in a round cut diamond when subjected to light The cushion cut is formed by polishing a diamond into a symmetrical rounded shaped geometry having four curvilinear long sides and four curvilinear corner sides of equal radius with the four curvilinear corner sides interconnecting the four curvilinear long sides to form the rounded shape; forming 4 main crown facets of substantially equal geometry and dimension on the four long sides of the diamond and 4 main crown . facets of an equal geometry and dimension on the four corner sides with the main crown facets on the corner sides being substantially different in geometry and size from the four main crown facets formed on the long sides; forming a substantially square shaped table facet with four cut corners adjacent to the 4 main crown facets . on the corner sides; forming 8 crown star facets on the main crown sides adjacent the square shaped sides of the table facet; 16 crown halve facets surrounding the four long sides and four corner sides of the diamond; 8 main pavilion facets, 16 pavilion half facets, 4 subsidiary pavilion facets, 16 subsidiary pavilion half facets and multiple girdle facets on both the long and corner sides of the diamond with the girdle facets being of varying thickness.



No. of Pages: 16 No. of Claims: 11

(21) Application No.2287/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVEMENTS RELATING TO FABRIC CONDITIONERS

(51) International :C11D1/645,C11D3/00,C11D11/00 classification

:NA

(31) Priority Document No :12169207.3

(32) Priority Date :24/05/2012 (33) Name of priority country: EPO

(86) International Application :PCT/EP2013/058501

:24/04/2013

Filing Date (87) International Publication

:WO 2013/174603

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant: 1)UNILEVER PLC

Address of Applicant : Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)BOARDMAN Christopher

(57) Abstract:

A process for preparing an aqueous liquid fabric conditioning composition comprising a water insoluble ester linked quaternary ammonium softening active and a water soluble quaternary ammonium surfactant wherein the process comprises the step of dispersing the water soluble quaternary ammonium surfactant in water before the addition of the water insoluble ester linked quaternary ammonium softening active to the water leads to improved storage stability at elevated temperatures.

No. of Pages: 34 No. of Claims: 11

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SADDLE-RIDING VEHICLE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	Address of Applican 4388501 Japan Japan (72) Name of Inventor : 1) Masakazu OZAW	t :2500 Shingai, Iwata-shi, Shizuoka
Filing Date :		

(57) Abstract:

ABSTRACT TITLE.: SADDLE-RIDING VEHICLE A pipe member includes a front flange and a rear flange. The front flange is attached to a cylinder. The rear flange is attached to a throttle body. A first engagement member engages together the cylinder and the front flange. In a plan view of a vehicle, at least a portion of a throttle body is overlapped a crank case. The throttle body includes a connection portion connected to the rear flange. At least one of the connection portion and the rear flange includes a groove or channel for conducting intake air. In a side view of the vehicle, the rear flange overlaps a prolongation or extrapolation of the first engagement member extending in the axial direction of the first engagement member. As seen along the axial direction of the first engagement member, the rear flange does not overlap the first engagement member.

No. of Pages: 37 No. of Claims: 8

(22) Date of filing of Application :14/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : ARC WELDING POWER SUPPLY AND METHOD FOR CONTROLLING ARC WELDING POWER SUPPLY

(51) International classification	:B23K9/10	(71)Name of Applicant:
(31) international classification	:2013-	1)DAIHEN CORPORATION
(31) Priority Document No	148645	Address of Applicant :1-11, Tagawa 2-chome, Yodogawa-ku,
(22) Princity Data		Osaka-shi, Osaka 532-0027, Japan. Japan
(32) Priority Date		1
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Toshiyuki, TANAKA
Filing Date	:NA	2)Toshiaki, NAKAMATA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An arc welding power supply supplies power to a welding wire functioning as a discharge electrode to generate an arc from an electrode distal end of the welding wire and perform arc welding on a welded article. The arc welding power supply includes an output control unit that adjusts the power supplied to the welding wire to a power value suitable for arc welding. A feed control unit cyclically changes a feeding speed of the welding wire. The feeding speed includes a forward feeding speed and a rearward feeding speed. An amplitude control unit cyclically changes an amplitude of the feeding speed of the welding wire to cyclically vary an average arc length.

No. of Pages: 19 No. of Claims: 5

(21) Application No.2305/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SWITCHING DEVICE

(57) Abstract:

Disclosed is a compact control device (12) for the failsafe actuation of an electric actuator (16 18) which can move a displaceable machine part into a defined end position and which has a first input connection (40) for receiving a first external control signal (36). The first external control signal (36) sets a desired position of the machine part. The compact control device (12) also has an input part for detecting a position signal (68) which signals an actual position of the machine part at the defined end position. A power part comprising at least one power switching element (24) is designed in order to switch on and switch off a control current (32) for the actuator (16 18) in a failsafe manner. The control current (32) is guided via a first output connection (54 56) to the electric actuator (16 18). The compact control device (12) has a second output connection (60) in order to provide an external status signal (34) and has an evaluation unit (22) which actuates the at least one power switching element (24) on the basis of the first external control switch (36) and generates the external status signal (34) at the second output connection (60) on the basis of the position signal (68).

No. of Pages: 29 No. of Claims: 14

(21) Application No.3531/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BUSBAR ADAPTER AND SYSTEM CONSISTING OF BUSBARS AND A BUSBAR ADAPTER

:H02B 1/21	(71)Name of Applicant :
:14156075.5	1)Woehner GmbH & Co. KG Elektrotechnische Systeme
:21/02/2014	Address of Applicant :Moenchroedener Strasse 10 96472
:EUROPEAN	Roedental Germany Germany
UNION	(72)Name of Inventor:
:PCT//	1)STEINBERGER Philipp
:01/01/1900	2)MASEL Joram
: NA	3)LENKER Hubert
:NA	
:NA	
:NA	
:NA	
	:14156075.5 :21/02/2014 :EUROPEAN UNION :PCT// :01/01/1900 : NA :NA :NA

(57) Abstract:

Busbar adapter (1) comprising a lower adapter part (8), the lower adapter part (8) comprising a base (10) having recesses (23) for receiving connection bars (9) which can be electrically contacted with busbars (12), the number of connection bars (9) per phase which can be received in the recesses (23) of the lower adapter part (8) being variable, and the connection bars (9) being electrically connectable to at least one electrical device (4), which can be fastened to an upper adapter part (2) of the busbar adapter (1). Fig.1

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :04/12/2013

(43) Publication Date: 09/10/2015

(54) Title of the invention : LIGHT WEIGHT CYCLINDER HEAD WITH INTERNAL EGR PASSAGE FOR AN INTERNAL COMPUSTION ENGINE

(51) International classification	25/00, F02F1/06, F02B63/00	(71)Name of Applicant: 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant: R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)VIKRAMAN VELLANDIC
(86) International Application No	:NA	2)PRASAD BABU NAMANI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a light weight cylinder head with internal EGR passage for an internal combustion engine. The cylinder head is provided with improvements comprising:- a. ribs provided for effective transfer of bolt load from bolt boss to fire deck and middle deck; b. the said ribs are connected diagonally from bolt boss to middle deck and fire deck of cylinder head; c. provided with weight reduction pocket at less loaded areas; d. provided with ribs and inserts with internal EGR passage; and e. Optimized volume of water jackets which imparts the technical advantage of weight reduction without deviating from the performance output.

No. of Pages: 20 No. of Claims: 3

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR OPERATING A WORKSTATION OF A TEXTILE MACHINE PRODUCING CROSS-WOUND BOBBINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D01H11/00, B65H54/06 :102013016644.6 :05/10/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAURER GERMANY GMBH & CO. KG Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (72)Name of Inventor: 1)Flamm, Franz-Josef 2)Froesch, Dietmar 3)Marx, Alexander 4)Mund, Manfred
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(57) Abstract:

The invention relates to a method for determining the bobbin diameter of cross-wound bobbins on a textile machine producing cross-wound bobbins, with a creel for holding a rotatable cross-wound bobbin, a thread displacement device that can be activated in a defined manner for traversing a thread running onto the cross-wound bobbin and a drive that can be activated in a defined manner to rotate the cross-wound bobbin, wherein the two drives are independent of one another and the rotational speeds of the bobbin drive roller and the cross-wound bobbin are detected in order to calculate therefrom the ratio and ultimately the theoretical cross-wound bobbin diameter. According to the invention, the bobbin drive roller is cyclically switched on and off and in the run-down phases while the bobbin drive roller is not driven, the rotational speeds of the bobbin drive roller and the cross-wound bobbin are detected in order to calculate therefrom the ratio and ultimately the actual cross-wound bobbin diameter.

No. of Pages: 16 No. of Claims: 5

(21) Application No.3841/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : Apparatus for thread separation

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13405136.6 :09/12/2013 :EPO :PCT/// :01/01/1900 : NA	Address of Applicant :Grossfeldstrasse 71 7320 Sargans Switzerland Switzerland (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)Gregory BSCII

(57) Abstract:

Abstract The present invention relates to a thread separating apparatus (11) for separating a thread (15) from a thread layer (13) comprising first spindle (17) which is rotatable about an axis of rotation (18), in the circumference whereof a first helical guide track (27) is provided. The first spindle (17) during rotation is suitable for transporting a plurality of threads in the first helical guide track (27) along the first spindle (17). Located upstream of the first spindle (17) is a deflecting part (25) which provides for a deflection of the threads (15) from the first plane (16) into a second plane (35). At the rear end (33) of the first spindle (17), a first release edge (31) is provided for the release of the threads (15) from the second plane (35) into a third plane (39).

No. of Pages: 42 No. of Claims: 17

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE AND STRADDLE-TYPE VEHICLE

(51) International classification	:G01L23/22	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(31) Thomas Document No	251687	Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka-ken
(32) Priority Date	:05/12/2013	438-8501, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yohei SAKASHITA
Filing Date	:NA	2)Tomonori SUGIYAMA
(87) International Publication No	: NA	3)Junichi KIMURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

An internal combustion engine (11) includes a first rocker arm (63), a second rocker arm (64) including a side face (74S) facing the first rocker arm (63), an intake valve (41), a solenoid (100) for moving a connecting pin (90) between a non-connecting position and a complete connecting position, and a drive signal supplying unit (120) for supplying a drive signal to the solenoid (100). The drive signal supplying unit (125) starts supplying the drive signal so as to cause a tip end (90T) of the connecting pin (90) to reach the position flush with a side face (74S) of the second rocker arm (64) after relative positions of the first rocker arm (63) and the second rocker arm (64) start to change, and to also cause the connecting pin (90) to reach the complete connecting position between the time when the second rocker arm (64) completes pivoting and the next time when the second rocker arm (64) starts to pivot.

No. of Pages: 68 No. of Claims: 15

(22) Date of filing of Application :02/12/2014

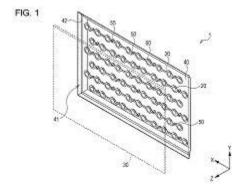
(43) Publication Date: 09/10/2015

(54) Title of the invention: LIGHT-EMITTING DEVICE, DISPLAY DEVICE, AND ILLUMINATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2014- 004434 :14/01/2014 :Japan :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan, Minato-ku, Tokyo, Japan Japan (72)Name of Inventor: 1)SHINGO OHKAWA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A light-emitting device includes: a plurality of light sources configured to be disposed on a substrate; a light diffusion member configured to commonly cover the plurality of light sources; and a plurality of wavelength conversion members configured to be disposed between the light sources and the light diffusion member in a thickness direction and disposed in regions corresponding to the plurality of light sources in a plane, respectively, and configured to convert light with a first wavelength from the light sources into light with a second wavelength.



No. of Pages: 112 No. of Claims: 19

(22) Date of filing of Application :06/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : SUBSTITUTED N (TETRAZOL 5 YL) AND N (TRIAZOL 5 YL)HETARYLCARBOXAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES

(51) International classification :C07D401/12,C07D471/04,A01N43/40

(31) Priority Document No:61/639,080

(32) Priority Date :27/04/2012

(33) Name of priority country :U.S.A.

(86) International

Application No :PCT/EP2013/057876

Filing Date :16/04/2013

(87) International Publication No :WO 2013/076316

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

Germany

(72)Name of Inventor:

1)KRAUS Helmut

2)WITSCHEL Matthias

3)SEITZ Thomas

4)NEWTON Trevor William

5)PARRA RAPADO Liliana

6)KREUZ Klaus

7)HUTZLER Johannes

8)PASTERNAK Maciej

9)LERCHL Jens

10)EVANS Richard Roger

(57) Abstract:

N (tetrazol 5 yl) and N (triazol 5 yl)hetarylcarboxamides of formula (I) and their use as herbicides. The invention relates to N (tetrazol 5 yl) and N (triazol 5 yl)hetarylcarboxamides of formula (I) and their use as herbicides. In said formula (I) B represents N or CH whereas X is N or CR X is N or CR X is N or CR and X is N or CR; provided that a least one of X X and X is N; R R R R R and R represent groups such as hydrogen halogen or organic groups such as alkyl or phenyl.



No. of Pages: 122 No. of Claims: 45

(21) Application No.2245/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: CONTROLLED RELEASE PHARMACEUTICAL FORMULATIONS OF DIRECT THROMBIN **INHIBITORS**

(51) International

:A61K9/22,A61K9/52,C07D401/12 classification

(31) Priority Document No :1161/MUM/2012 (32) Priority Date :10/04/2012 (33) Name of priority country: India

(86) International Application :PCT/IN2013/000236

No :10/04/2013 Filing Date

(87) International Publication :WO 2013/175494

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1) RUBICON RESEARCH PRIVATE LIMITED

Address of Applicant :221 Annexe Building Goregaon Mulund Link Road Opposite Indira Container Yard Off L.B.S. Marg Bhandup (West) 400078 Mumbai India Maharashtra India

(72) Name of Inventor:

1)PILGAONKAR Pratibha Sudhir 2) RUSTOMJEE Maharukh Tehmasp 3)GANDHI Anilkumar Surendrakumar

(57) Abstract:

The present invention relates to controlled release pharmaceutical formulations of direct thrombin inhibitors and processes for preparing such compositions. Particularly the present invention relates to oral controlled release pharmaceutical compositions comprising dabigatran etexilate or pharmaceutically acceptable salts thereof.

No. of Pages: 30 No. of Claims: 19

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMPUTER METHOD AND APPARATUS FOR AUTOMATED SCHEDULING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q10/10 :14/137,473 :20/12/2013 :U.S.A. :NA :NA : NA	· /
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)GRAVATT, Curtis A. 3)CONRAD, Steven

(57) Abstract:

A computer based scheduling and rescheduling method, apparatus and system for an electronic calendar. The electronic calendar illustrates a time progression of scheduled tasks in a horizontally or vertically oriented view of time. The electronic calendar and its graphical user interface (GUI) provide a viewing pattern for the user. Direction in the viewing pattern is synonymous with increasing/decreasing dates-times in the time progression of scheduled tasks. A scheduling-rescheduling engine schedules into the calendar user requested tasks and automatically reschedules impacted previously scheduled tasks. The scheduling-rescheduling engine also schedules user selected resources (e.g., people, robots, tools, etc.) per scheduled task.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ANTI-STICK CONTROL METHOD

(51) International classification	:E21B44/04	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)Daihen Corporation
(31) I Hority Document No	251953	Address of Applicant :2-1-11, Tagawa, Yodogawa-ku, Osaka-
(32) Priority Date	:05/12/2013	shi, Osaka 532-8512, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Daisuke MORI
Filing Date	:NA	2)Toshiro UEZONO
(87) International Publication No	: NA	3)Zhongjie LIU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided an anti-stick control method. A flux cored wire is fed. A constant-voltage control is performed based on a voltage setting signal and a welding voltage and a welding current are output, thereby carrying out welding. When a welding start signal is changed to an end command, a stop command is output to a feed motor and the voltage setting signal is switched from a steady voltage setting value to an anti-stick voltage setting value, thereby terminating the welding. The welding current becomes an oscillation waveform with a triangular wave shape or a sinusoidal wave shape by causing the anti-stick voltage setting value to be an oscillation waveform, and the anti-stick voltage setting value is set to a value where a short circuit does not occur during the term of the anti-stick control. Ref.: Figure 2

No. of Pages: 36 No. of Claims: 5

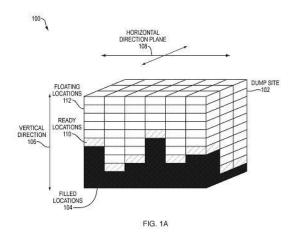
(22) Date of filing of Application :03/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: STATE BASED DUMP LOCATION DETERMINATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:14/140,625 :26/12/2013 :U.S.A. :NA :NA	(71)Name of Applicant: 1)DASSAULT SYSTEMES CANADA SOFTWARE INC. Address of Applicant: 1600-925 West Georgia Street, Vancouver, British Colombia, V6C 3L2, Canada Canada (72)Name of Inventor: 1)KAPALKO, Richard
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	
Filing Date	:NA	

(57) Abstract:

In an embodiment, a method of determining a storage location includes updating a first state corresponding to a first location in a three-dimensional are (3D area) of the plurality of locations based on a change of second state of a second location. The second location is related to the first location.



No. of Pages: 23 No. of Claims: 20

(21) Application No.1274/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : MODEL DRIVEN KNOWLEDGE ENGINEERING FRAMEWORK FOR COMPUTATIONAL ENGINEERING

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400 021. Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)YEDDULA, Raghavendra Reddy
(87) International Publication No	: NA	2)VALE, Sushant S
(61) Patent of Addition to Application Number	:NA	3)REDDY, Sreedhar S
Filing Date	:NA	4)BASAVARSU, Gautham Purushottham
(62) Divisional to Application Number	:NA	5)SINGH, Amarendra Kumar
Filing Date	:NA	

(57) Abstract:

In an embodiment, method(s) and system(s) for selecting a material, a material structure, a suitable geometry and a process for manufacturing of a component is disclosed. Fig.3

No. of Pages: 32 No. of Claims: 23

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF DEPTH INTRA PREDICTION USING DEPTH MAP MODELLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	: H04N7/26 :PCT/CN2013/078866 :05/07/2013 :Argentina :NA :NA :NA :NA	(71)Name of Applicant: 1)MediaTek Singapore Pte. Ltd. Address of Applicant:#03-01 Solaris No. 1, Fusionopolis Walk, Singapore 138628 Singapore (72)Name of Inventor: 1)Kai ZHANG 2)Jicheng AN 3)Jian-Liang LIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of depth map coding for a three-dimensional video coding system incorporating extended reconstructed neighboring depth samples is disclosed. The depth block is partitioned into one or more segments. A prediction value for each segment is derived based on reconstructed neighboring depth samples. The reconstructed neighboring depth samples for at least one segment comprise at least one reconstructed sample from an extended top neighboring row or an extended left neighboring column. The extended top neighboring row includes at least one extended top-row reconstructed depth sample located adjacent to top side of a second depth block adjacent to right side of the current depth block. The extended left neighboring column includes at least one extended left-column reconstructed depth sample located adjacent to left side of a third depth block adjacent to bottom side of the current depth block.

No. of Pages: 24 No. of Claims: 19

(22) Date of filing of Application :04/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: USER INPUT PROCESSING WITH EYE TRACKING

(51) International classification: G06F3/033,G06F3/041,G09G5/00 (71) Name of Applicant:

:04/04/2013

(31) Priority Document No :13/464,703 :04/05/2012 (32) Priority Date

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/035331 No

Filing Date

(87) International Publication :WO 2013/165646

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)SONY COMPUTER ENTERTAINMENT AMERICA

LLC.

Address of Applicant: 919 East Hillsdale Boulevard 2nd Floor

Foster City CA 94404 2175 U.S.A.

(72)Name of Inventor:

1)NORDEN Chris

(57) Abstract:

A system determines which user of multiple users provided input through a single input device. A mechanism captures images of the one or more users. When input is detected the images may be processed to determine which user provided an input using the input device. The images may be processed to identify each users head and eyes and determine the focus point for each user s eyes. The user which has eyes focused at the input location is identified as providing the input. When the input mechanism is a touch screen the user having eyes focused on the touch screen portion which was touched is identified as the source of the input.

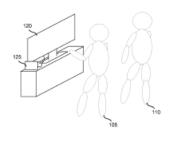


FIGURE 1

No. of Pages: 26 No. of Claims: 20

(21) Application No.2333/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PRESS FOR PRODUCING A PELLET FROM POWDERED MATERIAL

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number (83) International Publication Number Filing Date (84) Divisional to Application Number (85) Divisional to Application Number (86) Divisional to Application Number (87) International Publication Number (88) International Publication Number (89) International Publication Number (80) Divisional to Application Number (80) Divisional to Application Number (81) SCHWARZENBEK GERMANY Germany (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (74) Name of Inventor: (75) Na	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA : NA :NA :NA	SCHWARZENBEK GERMANY Germany (72)Name of Inventor: 1)PANNEWITZ, Thomas,
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(57) Abstract:

The invention relates to a press for producing a pellet from powdered material, comprising a press frame and a press unit arranged in the press frame with at least one upper press punch and/or at least one lower press punch, as well as at least one receptacle for the powdered material to be pressed by the upper and/or lower press punch, at least two upper drive units, each with one upper electric drive motor for moving the upper press punch in a vertical direction.

No. of Pages: 23 No. of Claims: 14

(21) Application No.3909/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMPONENT OBSOLESCENCE REGISTRY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:14/132,417 :18/12/2013 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)DASSAULT SYSTEMES AMERICAS CORP. Address of Applicant:175 Wyman Street, Waltham, Massachusetts 02451, United States of America. U.S.A. (72)Name of Inventor: 1)SISTU, Sreedhar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An electronic obsolescence registry holds network user-searchable obsolescence information. End users and component manufacturers can post obsolescence information using hashtags to it. The registry has different entries for different pieces of component obsolescence information. Each entry employs a respective component specific hashtag. End-users search the registry for component obsolescence information relating to a certain component by using one or more hashtags associated with the certain component.

No. of Pages: 22 No. of Claims: 21

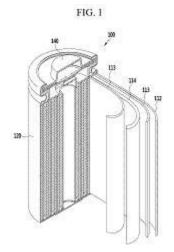
(22) Date of filing of Application :23/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RECHARGEABLE LITHIUM BATTERY

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	H01M10/056 :10-2013- 0096828	(71)Name of Applicant: 1)SAMSUNG SDI CO., LTD. Address of Applicant:150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea Republic of Korea (72)Name of Inventor: 1)NAM, Jung-Hyun 2)PARK, Jong-Hwan 3)CHOI, Yeon-Joo 4)LEE, Eon-Mi 5)SEOK, Hoon
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(57) Abstract:

A rechargeable lithium battery includes a positive electrode, a negative electrode, and a separator between the positive electrode and the negative electrode. The separator includes a substrate having a first side facing the negative electrode and a second side facing the positive electrode. A first layer is positioned on the first side of the substrate and includes an organic material, and a second layer is positioned on the second side of the substrate and includes an inorganic material.



No. of Pages: 53 No. of Claims: 20

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR COMPACT BIT-PLANE DATA COMPRESSION

	110 43 11 /4 6	
	:H04N1/46, H04N7/26.	(71)Name of Applicant : 1)SAMSUNG DISPLAY CO., LTD.
(51) International classification	H04N1/60,	Address of Applicant :95, Samsung 2 Ro, Giheung-Gu,
	G06T9/0	Yongin-City, Gyeonggi-Do, Republic of Korea Republic of Korea
(31) Priority Document No		(72)Name of Inventor:
(32) Priority Date	:03/10/2013	` '
(33) Name of priority country	:U.S.A.	2)HU, Ken
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An encoder includes a plurality of registers and is configured to: sequentially receive an array of coefficients, each of the coefficients being decomposed into a plurality of bits located at a plurality of corresponding bit positions of the coefficient; and concurrently operate on the plurality of bits of each of the coefficients.

No. of Pages: 32 No. of Claims: 21

(21) Application No.3397/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR POWERING A LOAD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04B7/00, H04B1/02 :201331603 :31/10/2013 :Spain :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)CONTROL TECHNIQUES LTD Address of Applicant: The Gro, Pool Road, Newtown SY16 3BE, United Kingdom U.K. (72)Name of Inventor: 1)FERRARONS Ram³n Troy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of controlling an electrical power supply to a load, wherein said load has an associated power threshold, is provided. The method comprises using a first electrical power source to generate a first amount of power for supply to the load, wherein said first electrical power source comprises a renewable source, and determining whether to supply a second amount of power to the load from a second, different electrical power source. If it is determined that the second electrical power source should be used to supply a second amount of power to the load, controlling an output of the second electrical power source so that a combined amount of power supplied to the load from the first and second electrical power sources meets the power threshold associated with the load. Fig.2

No. of Pages: 32 No. of Claims: 20

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BATTERY-REPLACEABLE TIRE PRESSURE SENSOR

(51) International classification	:B60C23/00, B60C 11/00, H03M13/09	(71)Name of Applicant: 1)Sung Jung Minute Industry Co. Ltd.
(31) Priority Document No	:102128248	Address of Applicant :1F, No.223, Wuhe St., Cyonglin
(32) Priority Date	:07/08/2013	Township, Hsinchu County, Taiwan, R.O.C. Taiwan
(33) Name of priority country	:Taiwan	(72)Name of Inventor:
(86) International Application No	:PCT// /	1)Wen-Huo HUANG
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A battery-replaceable tire pressure sensor is installed on a tire rim (1) with an assembly through hole (11) formed thereon, and includes a sensor body (2), a gas intake nozzle (3) connected to the sensor body (3), and a gas nozzle assembly member (4) coupling with the sensor body (2) and the gas intake nozzle (3). The sensor body (2) includes a tire pressure sensing module (23) disposed therein for detecting a tire pressure, a battery accommodating portion (24) accommodating at least one battery (25), a cover (26) screwed with the battery accommodating portion (24), and a gas nozzle assembly hole (216) for the gas nozzle assembly member (4) to penetrate. The gas intake nozzle (3) includes a coupling section (31) inserted into the gas nozzle assembly hole (216), and a gas intake section (32) connecting to the coupling section (31), penetrating through the assembly through hole (11), and extending outside the tire rim (1) for gas to input. Fig. 2

No. of Pages: 24 No. of Claims: 10

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADJUSTABLE TIRE PRESSURE DETECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:102128240 :07/08/2013 :Taiwan :PCT/// :01/01/1900 : NA :NA	Address of Applicant :1F, No.223, Wuhe St., Cyonglin Township, Hsinchu County, Taiwan, R.O.C. Taiwan (72)Name of Inventor:
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An adjustable tire pressure detector is installed on a tire rim (11), and includes a detector body (2), a gas intake nozzle (3) and a gas nozzle assembly member (4). The detector body (2) includes a housing (21) and a gas nozzle assembly hole (22). The gas nozzle assembly hole (22) includes two parallel limiting contact surfaces (221) and at least one connecting surface (222) connecting the two limiting contact surfaces (221). The gas intake nozzle (3) includes two compact surfaces (311) corresponding to and tightly pressing against the limiting contact surfaces (221), at least one abutting contact surface (312) connecting the compact surfaces (311) and contacting with the connecting surface (222), and an assembly hole (313) facing the gas nozzle assembly hole (22). A distance between the two compact surfaces (311) gradually increases from the coupling section (31) towards the gas intake section (32). The gas nozzle assembly member (4) is coupled with the assembly hole (313) of the gas intake nozzle (3) to fasten the gas intake nozzle (3) onto the detector body (2). Fig. 1

No. of Pages: 22 No. of Claims: 8

(21) Application No.3603/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BOTTLE CLOSURE DEVICE

(51) International classification	:B65D41/02, B65D41/18	(71)Name of Applicant: 1)AXIOM PROPACK PVT. LTD.
(31) Priority Document No	:MI2012A 000858	Address of Applicant :2701-B, Avalon, Cliff Avenue Hiranandani Gardens, Powai Mumbai 400076, Maharashtra, India.
(32) Priority Date	:17/05/2012	Maharashtra India
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT//	1)FABIANO, Nicola
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:1758/MUM/2012	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention refers to a bottle closing device (10) comprising a cap (11) having an upper portion and a side portion, a diffuser (14) arranged to couple - at the upper part - with the cap (11) and - at the lower part - with a bottle neck, a covering sleeve (20) comprising an upper portion (21) and a lower portion (22) connected to each other along a breaking line (23) provided with a plurality of connecting bridges (24), the covering sleeve being coupled to the cap so that the upper portion (21) of the covering sleeve at least partially covers the side portion of the cap (11), the bottle closing device (10) being characterised in that the covering sleeve (20) internally comprises means (25) for constraining the axial movement of the cap (11) with respect to the covering sleeve (20). Fig 7a

No. of Pages: 16 No. of Claims: 10

(22) Date of filing of Application :09/10/2014 (4

(43) Publication Date: 09/10/2015

(54) Title of the invention : POWER UNIT OF SADDLE-RIDING TYPE VEHICLE, SADDLE-RIDING TYPE VEHICLE AND METHOD FOR CONTROLLING POWER UNIT

(51) International classification	:B60K17/04, B62J13/00	(71)Name of Applicant:
(31) Priority Document No	:2013-222131	1)Yamaha Hatsudoki Kabushiki Kaisha
(32) Priority Date	:25/10/2013	Address of Applicant :2500, Shingai, Iwata-shi, Shizuoka 438-
(33) Name of priority country	:Japan	8501, Japan Japan
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Yuuji ARAKI
(87) International Publication No	: NA	2)Hidetoshi ISHIGAMI
(61) Patent of Addition to Application	:NA	3)Daiki ITO
Number	:NA :NA	4)Kazuteru IWAMOTO
Filing Date	:NA	5)Koji TAKAHASHI
(62) Divisional to Application Number	:NA	6)Seigo TAKAHASHI
Filing Date	:NA	

(57) Abstract:

ABSTRACT TITLE.: POWER UNIT OF SADDLE-RIDING TYPE VEHICLE, SADDLE-RIDING TYPE VEHICLE AND METHOD FOR CONTROLLING POWER UNIT Provided is a saddle-riding type vehicle and a power unit of the saddle-riding type vehicle that can efficiently control combustion of an engine while controlling and reducing the occurrence of knocking that is harsh for the rider. The saddle-riding type vehicle and the power unit include: an engine; and a control apparatus that controls combustion of the engine, in which the engine is configured so that vibration in an audible range and vibration in an ultrasonic range are generated by knocking, and the control apparatus includes a knock sensor that detects vibration of the engine, in which: the control apparatus extracts components in the ultrasonic range with a larger gain than that of components in the audible range from a detection signal of the knock sensor; the control apparatus determines that knocking occurs based on the detection signal in which the components in the ultrasonic range are extracted with a larger gain than that of the components in the audible range; and the control apparatus controls the combustion of the engine based on a determination result of the occurrence of knocking. FIGURE OF ABSTRACT: Fig. 5

No. of Pages: 42 No. of Claims: 14

(21) Application No.3674/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTIPLE CAST-IN INSERT APPARATUS FOR CONCRETE

(57) Abstract:

ABSTRACT Disclosed is a multiple cast-in insert apparatus for concrete, including a supporting body fixed to a plate material configured to pour the concrete and having a first screw formed along an inner circumferential surface of a hollow coupling hole formed therein to pass therethrough; a lifting body including a coupling part having a second screw thread formed on an outer circumferential surface thereof to be screwed with the first screw thread and thus to be selectively moved up and down through the hollow coupling hole and also having an anchor coupling hole formed therein, and a leveling support part integrally formed along an upper edge of the coupling part to protrude outward in a radial direction; and a spacer body disposed above the supporting body and having a coupling through-hole formed therein so that the coupling part passes therethrough.

No. of Pages: 50 No. of Claims: 10

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR PROCESSING ACID GAS AND APPARATUS THEREOF

(51) International classification	:C07H 21/04	 (71)Name of Applicant: 1)China Petroleum & Chemical Corporation Address of Applicant :No. 22 Chaoyangmen North Street,
(31) Priority Document No (32) Priority Date	:201410046348.4	Chaoyang District, Beijing 100728, China. China
(33) Name of priority country	:China	2)Fushun Research Institute of Petroleum and Petrochemicals, SINOPEC CORP.
(86) International Application No Filing Date	:PCT// :01/01/1900	(72)Name of Inventor: 1)PENG, Degiang
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)ZUO, Zejun
Filing Date (62) Divisional to Application Number	:NA :NA	3)QI, Huimin 4)WANG, Luyao
Filing Date	:NA	5)MENG, Fanfei 6)CHEN, Jianbing
		7)CHEN, Xin

(57) Abstract:

The present disclosure provides a method for processing an acid gas, comprising: using a processor 1 for receiving and processing the acid gas to obtain a gas phase stream 1 and a liquid phase stream 2, wherein the stream 2 is partially or completely recycled to the processor 1; using a processor 2 for processing the stream 1 from the processor 1 to obtain a gas phase stream 3 and a liquid phase stream 4; using a processor 3 for processing the stream 3 from the processor 2 to obtain a gas phase stream 5 and a liquid phase stream 6; and using a processor 4 for receiving the stream 43 from the processor 2 and using the stream 43 as a processing solution for processing the stream 5 from the processor 3 to obtain a gas phase stream 7 and a liquid phase stream 8, which can be divided into two sub-streams including a stream 81 and a stream 82. The present disclosure further provides an apparatus for processing an acid gas. Figure 1 is the representative figure.

No. of Pages: 39 No. of Claims: 25

(21) Application No.2417/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TIRE PRESSURE SENSOR

(32) Priority Date(33) Name of priority country(86) International Application No Filing Date	:B60C23/02 :102128247 :07/08/2013 :Taiwan :PCT/// :01/01/1900 : NA :NA :NA :NA	Township, Hsinchu County, Taiwan, R.O.C. Taiwan (72)Name of Inventor:
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(57) Abstract:

A tire pressure sensor is installed on a tire rim (1) which includes an assembly through hole (11). The tire pressure sensor includes a sensor body (2), a gas intake nozzle (3) fixed on the tire rim (1) and connected to the sensor body (2), and a gas nozzle assembly member (4) to couple with the sensor body (2) and the gas intake nozzle (3). The sensor body (2) includes a gas nozzle assembly hole (26) to couple with the gas intake nozzle (3), a tire pressure sensing module (23) disposed in the sensor body (2) for detecting a tire pressure, and an update connection port (25) electrically connected to the tire pressure sensing module (23). Through the update connection port (25), the tire pressure sensing module (23) receives an update firmware data for updating firmware stored therein in response to different applications. Fig. 1

No. of Pages: 20 No. of Claims: 9

(21) Application No.2638/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ACYCLIC EXCITER FOR AN ALTERNATOR

(31) Priority Document No:13/974,834(32) Priority Date:23/08/2013(33) Name of priority country:U.S.A.	
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(57) Abstract:

A self-excited alternator for generating electrical energy. The alternator includes a stator, a rotor, and an exciter. The rotor includes conductors which are integrated within the rotor via one of a casting process, a welding process, or a fastening process. The exciter includes a magnet producing a static magnetic field, and a rotatable conductive member coupled to the shaft and electrically coupled to the one or more conductors. The rotatable conductive member is operable to output the direct current to the one or more conductors upon rotation within the static magnetic field, thus exciting the alternator.

No. of Pages: 20 No. of Claims: 24

(21) Application No.3596/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ARC WELDING METHOD

(31) Priority Document No :2013- 236593	(71)Name of Applicant: 1)DAIHEN CORPORATION Address of Applicant:2-1-11, Tagawa, Yodogawa-ku, Osakashi, Osaka 532-8512, Japan Japan (72)Name of Inventor: 1)Daisuke MORI 2)Toshiaki NAKAMATA
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(57) Abstract:

ABSTRACT TITLE.: ARC WELDING METHOD There is provided an arc welding method for performing welding in a spray transfer manner by oscillating a welding current while feeding a weld wire. The welding current is oscillated from the time when it is determined that a transition state at the start of an arc is terminated and the arc is formed in a normal state. The oscillation of the welding current is repeated such that a first welding current Iw1, a second welding current Iw2, and a third welding current Iw3 are applied during a first period, a second period, and a third period, respectively, wherein 0<Iw2<Iw3

No. of Pages: 17 No. of Claims: 3

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SANITARY FACILITY COMPRISING A WASHSTAND AND A PIECE OF SUPPORT FURNITURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E03C1/00 :102014100598.8 :21/01/2014 :Germany :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)Duravit Aktiengesellschaft Address of Applicant:Werderstrae 36 D-78132 Hornberg, Germany Germany (72)Name of Inventor: 1)Thomas Stammel 2)Erich Fuhrer 3)Ulrich Weber
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(57) Abstract:

A sanitary facility comprising a washstand of ceramic or porcelain and a piece of support furniture, which carries the washstand and comprises two side walls and a front wall, on the upper end surfaces of which the edges of the washstand rests, wherein the front and side end surfaces (14, 15, 26) of the washstand (2) are processed in such a way that they are flush with the outside surfaces (17) of the side walls (7, 8) and of the front wall (6); and in that veneer (9), covering the outside surfaces (17), is applied to the end surfaces (14, 15, 26) of the washstand (2) by means of an adhesive bond (21) and extends up to the right-angled upper corner (18) of the washstand (2).

No. of Pages: 28 No. of Claims: 15

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BACTERIOPHAGE BASED MICROFLUIDIC ASSAY FOR BACTERIAL DETECTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12Q1/70, C12Q1/68 :NA :NA :NA	(71)Name of Applicant: 1)MACS - AGHARKAR RESEARCH INSTITUTE Address of Applicant :AGHARKAR RESEARCH INSTITUTE OF MAHARASHTRA ASSOCIATION FOR CULTIVATION OF SCIENCE, G. G. AGARKAR ROAD,
(86) International Application No	:NA	PUNE: 411 004, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGRAWAL SHAILAJA GHANSHYAM
(61) Patent of Addition to Application Number	:NA	2)PAKNIKAR KISHORE MADHUKAR
Filing Date	:NA	3)BODAS DHANANJAY SHRIKRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosures herein are directed to detection of bacteria using bacteriophage as a recognition element in animplementation framework characteristic of microfluidic devices wherein magnetic nanoparticles are deployed for immobilization of target entities which are then detected using fluorescent nanocrystals. Figure to accompany published abstract: Fig. 3

No. of Pages: 24 No. of Claims: 9

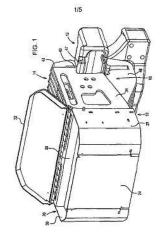
(22) Date of filing of Application :11/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ARTICLE MOUNTING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47K1/09 :14/015,137 :30/08/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	
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(57) Abstract:

An article mounting assembly mounts an article to a horizontally extending ballast weight support of a utility vehicle. The mounting assembly includes a coupling member, a plate and a pair of brackets. The coupling member is attached to and spaced apart from the plate. Each bracket has a front end coupled to the coupling member and has a rear end coupled to the weight support. Each bracket is movably coupled to the coupling member so that the spacing between the brackets is adjustable. The article may be a container in which the plate forms a wall of the container, or the article may be a shelf or a component supported by the brackets.



No. of Pages: 15 No. of Claims: 16

(22) Date of filing of Application :01/08/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : Component Based Mobile Architecture with Intelligent Business Services to Build Extensible Supply Chain Ready Procurement Platforms

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	G06Q10/06 :13/957,053 (US)	Address of Applicant: 100 Walnut Avenue, Suite 304, Clark, New Jersey 07066, United States of America U.S.A. (72)Name of Inventor: 1)Subhash Makhija 2)Santosh Katakol
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(57) Abstract:

The present invention is a tool for managing spend analysis, reverse auctions, sourcing, contracts, procure-to-pay processes, requests for proposals, supplier assessment and settlement processes. It employs hardware architecture and a software framework to provide a platform as a service that allows the user to create, store, report and manage bids, requests for proposals, contracts, bid data, spend analysis, and supplier scoring information from any of a number of mobile devices of various form factors.

No. of Pages: 59 No. of Claims: 26

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BAFFLE FOR PLASTIC FUEL TANKS

(32) Priority Date:09/0(33) Name of priority country:Turk(86) International Application No:PCT/	1)FLOTEKS PLASTIK SANAYI VE TICARET ANONIM SIRKETI Address of Applicant :Demirtas Organize Sanayi Blgesi Fulya Sk. P.K.17 Osmangazi BURSA, Turkey. Turkey (72)Name of Inventor: 1)VEYSEL CELAL BEYSEL
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(57) Abstract:

The present invention is a one-piece fuel tank (20) made of polymer material having pluralities of walls (21) positioned mutually with respect to each other inside at least one mold (10) positioned on the rotatable machine lever in order to shape polymeric materials in the desired form, characterized by comprising a baffle (30) positioned in said fuel tank (20) and whereon pluralities of openings (31) are embodied; at least one connection member (40) providing connection of said baffle (30) to the fuel tank (20); and at least one connection bracket (32) wherein said connection member (40) is disposed and which is embodied on the baffle (30). Figure 1 is the representative figure.

No. of Pages: 12 No. of Claims: 9

(21) Application No.567/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: NOVEL COMBINATIONS

(51) International classification	:A61K31/58,A61K31/44	(71)Name of Applicant:
(31) Priority Document No	:1016912.6	1)ASTRAZENECA AB
(32) Priority Date	:07/10/2010	Address of Applicant :SE 151 85 Sdertlje Sweden Sweden
(33) Name of priority country	:U.K.	2)ASTRAZENECA UK LIMITED
(86) International Application No	:PCT/GB2011/051898	(72)Name of Inventor:
Filing Date	:05/10/2011	1)HANSEN Peter Robert
(87) International Publication No	:WO 2012/046050	2)IVANOVA Svetlana
(61) Patent of Addition to Application	:NA	3)BURKAMP Frank
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a pharmaceutical product comprising in combination (1) a named glucocorticosteroid receptor agonist and (2) a adrenoreceptor agonist a dual adrenoreceptor agonist/M receptor antagonist a muscarinic antagonist a p38 kinase inhibitor a neutrophil elastase inhibitor a phosphodiesterase PDE4 inhibitor an IKK2 kinase inhibitor or a non steroidal glucocorticoid receptor agonist and the use of said product in treating respiratory diseases.

No. of Pages: 60 No. of Claims: 14

(22) Date of filing of Application: 11/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : LAUNDRY DETERGENT COMPOSITIONS COMPRISING POLYALKOXYLATED POLYETHYLENEIMINE

(51) International classification (31) Priority Document No (32) Priority Date	:C11D3/37 :12168345.2 :16/05/2012	(71)Name of Applicant: 1)UNILEVER PLC Address of Applicant: Unilever House 100 Victoria
(33) Name of priority country(86) International Application No	:EPO :PCT/EP2013/059939	Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor:
Filing Date (87) International Publication No	:14/05/2013 :WO 2013/171210	1)BATCHELOR Stephen Norman
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A laundry detergent composition containing 5 to 30 wt% detersive surfactant selected from non ionic and anionic surfactant and 0.05 to 4 wt% of polyalkoxylated polyethylene imine polymer where the polyalkoxyl chains are directly linked to the nitrogens in the PEI and each chain has a terminal group with molecular weight less than 100 and wherein the polymer is a PEI which has a molar ratio of polyalkoxyl chains including the terminal group to PEI of less than or equal to 3 resulting in 3 or fewer preferably 2 or fewer most preferably 1 nitrogen(s) bound to polyalkoxyl chains and wherein the PEI has a Mw of at least 500 preferably 1000 to 2000 more preferably less than 1500 and even about 1300.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :20/11/2014

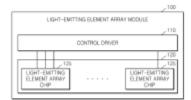
(43) Publication Date: 09/10/2015

(54) Title of the invention : LIGHT EMITTING ELEMENT ARRAY MODULE AND METHOD OF CONTROLLING LIGHT EMITTING ELEMENT ARRAY CHIPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05B37/02 :10-2014-0011734 :29/01/2014 :Republic of Korea :PCT/KR2014/007564 :14/08/2014 :WO 2015/115713 :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea Republic of Korea (72)Name of Inventor: 1)KIM Su whan
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(57) Abstract:

A light emitting element array module image forming apparatus and method are provided. The light emitting element array module includes a control driver configured to receive print data and operate according to the received print data and light emitting element array chips configured to receive a signal from the control driver and operate according to the received signal wherein the control driver applies a start signal to a transfer element array by using a signal applied to a light emitting element array of the light emitting element array chips.



No. of Pages: 25 No. of Claims: 30

(21) Application No.2820/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A BUFFER

(51) International classification	:F02B63/04, F02B67/08	(71)Name of Applicant:
(31) Priority Document No	:1315935.5	1)T A Savery & Co., Ltd.
(32) Priority Date	:06/09/2013	Address of Applicant :Grovelands, Longford Road, Exhall,
(33) Name of priority country	:U.K.	Coventry, CV7 9NE, United Kingdom U.K.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)WATTS, Carl Francis
(87) International Publication No	: NA	2)WILLIAMS, Terence
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A buffer comprising a first, elongate buffer element that is moveably received within the interior of a second, elongate, hollow buffer element such that the first and second buffer elements overlap over part of their length, such that the buffer elements define a hollow interior of the buffer and such that at an end of the buffer at least the second buffer element is exposed for engagement with a respective, further member, the first and second buffer elements being moveable between a first, extended or intermediate configuration of the buffer and a second, compressed configuration, compression of the buffer more energetically than a threshold energy level causing the first buffer element to energise a non-recoverable energy absorbing member, forming part of the buffer or capsule, to cause deformation of one or more plastically deformable parts of the buffer, characterised in that the non-recoverable energy absorbing member lies between the ends of the buffer at least in the region energised by the first buffer element.

No. of Pages: 31 No. of Claims: 26

(22) Date of filing of Application :04/01/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: FIXTURE FOR STIFFNESS MEASUREMENT OF AN AUTOMOBILE COMPONENTS

	F211/	
(51) Intermetical election	:F21V 21/00.F21V	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED
(51) International classification	21/00,F21 v 29/00	Address of Applicant :R & D CENTER, AUTOMOTIVE
(31) Priority Document No	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007,
(32) Priority Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SAGAR POLISETTI
Filing Date	:NA	2)JAYAPRAKASH ONTELA RADHAKRISHNAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The fixture assembly for stiffness measurement of an automobile components, particularly the Lower Control Arm (LCA) of a vehicle, comprises of a center block, spacers, mounting plates and base plates, wherein the two base plates are mounted to the external fixture base at perpendicular angles; wherein the base plate has two long slots at two ends for mounting it to the external fixture base; the center block and base plate are fastened perpendicular to each other; two mounting plates clamps the Lower Control Arm rigidly between it, wherein the mounting plates consist of threaded holes of different diameters; the spacer elements are added between the centre block and the mounting plate based on the requirement.

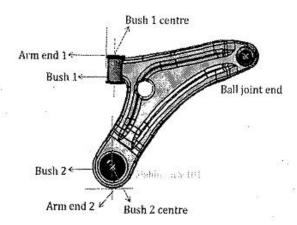


Fig. 1

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :04/12/2013

(43) Publication Date: 09/10/2015

(54) Title of the invention: A PROCESS FOR REMOVAL OF DEEP ULTRA LOW SULFUR COMPOUNDS FROM ORGANIC HYDROCARBON LIQUID.

	:C10G	(71)Name of Applicant :
(51) International classification	65/00,C10G27/04,	1)PRIVI ORGANICS PVT LIMITED
	C10G21/06	Address of Applicant :PRIVI HOUSE, A-71, TTC, THANE
(31) Priority Document No	:NA	BELAPUR ROAD, NEAR KOPER KHAIRANE RLY.
(32) Priority Date	:NA	STATION, NAVI MUMBAI-400 709, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YEOLE; MAHENDRA MADHAORAO
(87) International Publication No	: NA	2)RAO; DOPPALAPUDI BHAKTAVATSALA
(61) Patent of Addition to Application Number	:NA	3)YELAVE PRADIP PANDURANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention related to a process for removal of deep ultra low sulfur compounds from organic hydrocarbon liquid. The said process comprising: mixing a sulfur containing organic hydrocarbon liquid with metal salts to form sulfur-metal salt complex soluble and/or insoluble in organic hydrocarbon liquid; adsorbing sulfur-metal salt complex soluble on non ionic normal phase adsorbent to get a hydrocarbon liquid containing sulphur less than 60 ppm more preferably 5 ppm. The advantage of this invention is that complex formation is carried out at mild condition without changing structure of hydrocarbon. The present invention also provides recycling of adsorbent bed for more than 20 cycles and regeneration of metal salt used in the system and hence low environmental pollution, high product purity, simple and mild purification process.

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application: 19/08/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: A CLOTHING RACK DRIVING DEVICE FOR A READY-MADE CLOTHING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B32B 7/12 :CN201320511197.6 :21/08/2013 :China :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)Taizhou Feiyue Twinstar Apparel Machinery Co., Ltd. Address of Applicant: No.109 Middle Airport Road, Jiaojiang District, Taizhou City, Zhejiang Province, 318000 China China (72)Name of Inventor: 1)WENG, Duanwen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention discloses a clothing rack driving device for a ready-made clothing system in the clothing making field. A clothing rack driving device for a ready-made clothing system is provided, comprising a drive motor, a driven wheel and a driving wheel fixed with the power output shaft of the drive motor, in which a driving belt is linked onto the driving wheel and the driven wheel, a motion space is formed on the outer circumference of the driving belt, and an ejecting block extending into the motion space is fixed on the driving belt. A trigger mechanism on the travel switch extends into the motion space to flexibly contact the ejecting block. The travel switch is connected with the drive motor to control the power output shaft of the drive motor to stop rotating. The operation of the drive motor is controlled by setting the said travel switch. The driving device has a simple structure. The drive motor is in a right work state and could be used to drive the clothing rack in the work station out of the station.

No. of Pages: 16 No. of Claims: 8

(21) Application No.3635/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MOUNTING LATCH

(51) International classification(31) Priority Document No	:E05C3/04, E05C3/12 :1322676.6	(71)Name of Applicant: 1)Control Techniques Ltd Address of Applicant: The Gro, Pool Road, Newtown SY16
(32) Priority Date		3BE, United Kingdom U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT//	1)HAND Peter Charles
Filing Date	:01/01/1900	2)CACHIA Charles Anthony
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mounting latch for mounting a device to a rail is provided. The mounting latch comprises: a moveable actuator having a profile; a latch mechanism comprising first and second opposed rail engaging members, at least one of the members having a face for causing the member to yield against bias means when the latch mechanism is engaging with the rail; and follower means enabling the at least one member to follow a rotational movement of the actuator such that movement of the actuator in a first direction causes the at least one member to become unlatched from the rail. Fig.1

No. of Pages: 19 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application: 18/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MOTOR DRIVE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G05B19/404, G05B6/02 :2013-241670 :22/11/2013 :Japan :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)Nidec Techno Motor Corporation Address of Applicant: 338 Tonoshiro-cho, Kuze, Minami-ku, Kyoto 601-8205 Japan Madhya Pradesh India (72)Name of Inventor: 1)Hiroyuki SHITABOU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3636/MUM/2014 A

(57) Abstract:

ABSTRACT Title: MOTOR DRIVE DEVICE A motor drive device includes a constant voltage power supply and a motor drive control unit. The constant voltage power supply includes an AC/DC converter, a zero-cross detector, a switching control unit and a switching regulator. The AC/DC converter converts an AC voltage supplied from an AC voltage source into a DC voltage. The zero-cross detector detects a zero-cross point of the AC voltage, and outputs a zero-cross detection signal. The switching control unit outputs a switching control signal based on the zero-cross detection signal. The switching regulator has a switching element. The motor drive control unit outputs a motor drive signal for driving a motor to the inverter. The AC/DC converter has a rectifier circuit and a smoothing capacitor. The switching regulator performs switching on a first DC voltage in accordance with the switching control signal at a timing corresponding to the zero-cross point. Ref. Fig.: Fig. 1

No. of Pages: 42 No. of Claims: 9

(22) Date of filing of Application :20/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: OPERATION PLAN DECISION METHOD AND OPERATION PLAN DECISION SYSTEM

(54) Y	G0 (3) 15 /03	
(51) International classification	:G06N5/02	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)YOKOGAWA ELECTRIC CORPORATION
(31) Thomas Bocament 10	173313	Address of Applicant :9-32, Nakacho 2-chome, Musashino-
(32) Priority Date	:23/08/2013	shi, Tokyo 180-8750, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Mika KAWATA
Filing Date	:01/01/1900	2)Kenichi OHARA
(87) International Publication No	: NA	3)Mitsunori FUKUZAWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An operation plan decision method includes deriving an feasible solution by using a constraint violation minimization model, updating candidates for an optimum solution and adding the updated candidates to a candidate list by taking the derived feasible solution, as an initial value of a candidate for the optimum solution, and by using a time cross-section division model that is obtained by dividing an optimization model for each time cross-section, and selecting the optimum solution from the candidate list to which the updated candidates are added.

No. of Pages: 44 No. of Claims: 12

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: Method of Sub-Prediction Unit Prediction in 3D Video Coding

(51) International classification	:H04N 19/61	(71)Name of Applicant:
(31) Priority Document No	:PCT/CN2013/086271	1)MediaTek Singapore Pte. Ltd.
(32) Priority Date	:31/10/2013	Address of Applicant :#03-01 Solaris No. 1, Fusionopolis
(33) Name of priority country	:PCT	Walk, Singapore 138628 Singapore
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Jicheng AN
(87) International Publication No	: NA	2)Kai ZHANG
(61) Patent of Addition to Application	:NA	3)Yi-Wen CHEN
Number	:NA	4)Jian-Liang LIN
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

TITLE: METHOD OF SUB-PREDICTION UNIT LEVEL PREDICTION IN 3D VIDEO CODING A method for a three-dimensional encoding or decoding system incorporating restricted sub-PU level prediction is disclosed. In one embodiment, the sub-PU level prediction associated with inter-view motion prediction or view synthesis prediction is restricted to the uni-prediction. In another embodiment, the sub-PU partition associated with inter-view motion prediction or view synthesis prediction is disabled if the sub-PU partition would result in sub-PU size smaller than the minimum PU split size or the PU belongs to a restricted partition group. The minimum PU split size may correspond to 8x8. The restricted partition group may correspond to one or moreasymmetric motion partition (AMP) modes.

No. of Pages: 21 No. of Claims: 18

(21) Application No.2276/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ARYLATED POLYETHYLENEIMINE DYE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12168346.0 :16/05/2012 :EPO :PCT/EP2013/059942 :14/05/2013 :WO 2013/171212 :NA :NA	(71)Name of Applicant: 1)UNILEVER PLC Address of Applicant: Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. (72)Name of Inventor: 1)BATCHELOR Stephen Norman 2)BIRD Jayne Michelle 3)DEVINE Karen Maria
Filing Date (62) Divisional to Application Number	:NA :NA :NA	

(57) Abstract:

The present invention provides compositions comprising an arylated alkoxylated polyethyleneImine dye.

No. of Pages: 21 No. of Claims: 20

(21) Application No.2277/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/11/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: VEGETABLE BASED SKIN CARE COMPOSITION COMPRISING A REPLACEMENT FOR **PETROLATUM**

(51) International classification :A61K8/34,A61K8/37,A61K8/39 (71) Name of Applicant: (31) Priority Document No :13/477,337

(32) Priority Date :22/05/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2013/057830

:15/04/2013 Filing Date

(87) International Publication No:WO 2013/174576

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)UNILEVER PLC

Address of Applicant : Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72) Name of Inventor:

1)RAFIEE Lara Marie

2) CHENEY Michael Charles 3)DOBKOWSKI Brian John 4)SUBRAMANIAN Vivek

5)WANG Qian

(57) Abstract:

A cosmetic composition is provided which includes a triglyceride a castor oil glycerin and a polyglyceryl ricinoleate. The composition is a vegetable sourced alternative to petrolatum and has been found to be an excellent moisturizing composition and delivering good skinfeel properties and lustre to skin.

No. of Pages: 13 No. of Claims: 11

(21) Application No.2278/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ALKYLATED POLYETHYLENEIMINE DYE

(51) International classification	:C09B69/10,C11D3/37	(71)Name of Applicant:
(31) Priority Document No	:12168345.2	1)UNILEVER PLC
(32) Priority Date	:16/05/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2013/059940	Embankment London Greater London EC4Y 0DY U.K.
Filing Date	:14/05/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/171211	1)BATCHELOR Stephen Norman
(61) Patent of Addition to Application	:NA	2)BIRD Jayne Michelle
Number	:NA	3)DEVINE Karen Maria
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides compositions comprising an alkylated alkoxylated polyethyleneImine dye.

No. of Pages: 20 No. of Claims: 20

(21) Application No.3281/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: POWER SEMICONDUCTOR CIRCUIT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:H02M1/06, H03K17/73, H03K17/687, H03K :102013112261.2 :07/11/2013 :Germany :NA :NA	(71)Name of Applicant: 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant:SIGMUNDSTRASSE 200, 90431 NUERNBERG, GERMANY Germany (72)Name of Inventor: 1)Sven Buetow 2)Rainer Weiss
Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a power semiconductor circuit comprising a power semiconductor switch having a control terminal and a first and a second load current terminal, and comprising a drive circuit, wherein a temperature-dependent control terminal resistance element is electrically connected between the drive circuit and the control terminal, and/or wherein a temperature-dependent load current terminal resistance element is electrically connected between the drive circuit and the second load current terminal, and/or wherein the control terminal is electrically connected to the second load current terminal via a first current branch, wherein a temperature-dependent control load current terminal resistance element is electrically connected into the first current branch. In the event of heating of a power semiconductor switch, the invention reduces the switching losses of the power semiconductor switch.

No. of Pages: 22 No. of Claims: 7

(22) Date of filing of Application :03/04/2014

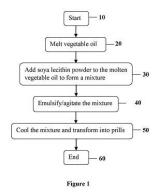
(43) Publication Date: 09/10/2015

(54) Title of the invention: ANIMAL FEED SUPPLEMENT COMPOSITION AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HIGHTECH ENERGY FEEDS INDIA PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :UNIT NO.1, 1ST FLOOR, THE
(33) Name of priority country	:NA	SYNERGY, PLOT NO. 70/21, LAW COLLEGE RD., PUNE -
(86) International Application No	:NA	411004, MS, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHRIVARDHAN V. BHAVE
(61) Patent of Addition to Application Number	:NA	2)HARSHVARDHAN V. BHAWE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an animal feed supplement composition. The animal feed supplement composition comprises soya bean lecithin powder obtained from de oiled soya lecithin and vegetable oil. The animal feed supplement composition is administered in a solid dosage from, for example, prill. The animal feed supplement composition is a stable composition with increased shelf life and provides more energy to the animals and helps to promote the animal growth. Figure 1



No. of Pages: 12 No. of Claims: 8

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: POLYMER COATED FLUORESCENT SEMICONDUCTOR NANOCRYSTALS

(24) 2	~~	
(51) International classification	:G01N33/569	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MACS - AGHARKAR RESEARCH INSTITUTE
(32) Priority Date	:NA	Address of Applicant : AGHARKAR RESEARCH
(33) Name of priority country	:NA	INSTITUTE MAHARASHTRA ASSOCIATION FOR
(86) International Application No	:NA	CULTIVATION OF SCIENCE, G. G. AGARKAR ROAD,
Filing Date	:NA	PUNE 411 004, MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AGRAWAL SHAILAJA GHANSHYAM
Filing Date	:NA	2)PAKNIKAR KISHORE MADHUKAR
(62) Divisional to Application Number	:NA	3)BODAS DHANANJAY SHRIKRISHNA
Filing Date	:NA	

(57) Abstract:

Disclosures herein are directed to polymer-coated fluorescent semiconductor nanocrystals with enhanced quantum yield and photo stability. Also disclosed is the process for preparing said polymer-coated fluorescent semiconductor nanocrystals in which the steps of synthesis and coating are made concurrent for implementation as a single-pot procedure

No. of Pages: 23 No. of Claims: 10

(21) Application No.2445/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/07/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TIRE RIM WITH TIRE PRESSURE DETECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:103110649 :21/03/2014 :Taiwan :PCT// :01/01/1900 : NA :NA	Address of Applicant :1F, No.223, Wuhe St., Cyonglin Township, Hsinchu County, Taiwan, R.O.C. Taiwan (72)Name of Inventor:
Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A tire rim with a tire pressure detector includes a hub (1), a plurality of spokes (2), a rim (3), an air nozzle (4) and a tire pressure detector (5). The spokes (2) are disposed around an outer contour of the hub (1) and spaced from each other. The rim (3), connected to the spokes (2) and concentric with the hub (1), includes an air nozzle assembly portion (31) and a detector assembly portion (32). The air nozzle (4) is assembled on the air nozzle assembly portion (31) and protrudes from the rim (3) toward the hub (1). The tire pressure detector (5) is assembled on the detector assembly portion (32) and protrudes from the rim (3) toward the hub (1). Accordingly, the tire rim with a simple structure to facilitate assembly is provided. Fig. 2

No. of Pages: 19 No. of Claims: 11

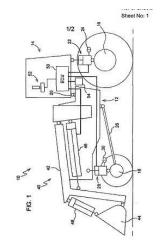
(22) Date of filing of Application :12/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: WORK VEHICLE WITH LOADER CONTROLLED CAB TILTING

		(71)Name of Applicant:
(51) International classification	E02F3/28,	1)DEERE & COMPANY
	E02F9/16	Address of Applicant :ONE JOHN DEERE PLACE,
(31) Priority Document No	:14/068,116	MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(32) Priority Date	:31/10/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)THOMPSON GRAHAM
(86) International Application No	:NA	2)VON HOLST CHRISTIAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A work vehicle includes a front axle, a rear axle, a chassis, a cab pivotally coupled to the chassis, a boom movably mounted on the chassis, and a boom cylinder for raising and lowering the boom. A rear suspension member raises and lowers the cab with respect to the rear axle. A front suspension member raises and lowers the chassis and the cab with respect to the front axle. An operator controlled command unit generates boom raise and lower signals. An electronic control unit (ECU) is connected to the front suspension member, the rear suspension member and the command unit. If vehicle speed is below a threshold speed, the ECU automatically operates the front and/or the rear suspension members to raise and lower the cab to improve visibility of the loader from the cab in response to the command unit operating the boom.



No. of Pages: 10 No. of Claims: 9

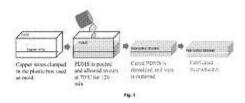
(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MICROFLUIDIC BIOSENSOR FOR THE DETECTION OF PATHOGENS

(51) International classification	:G01N33/558	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MACS - AGHARKAR RESEARCH INSTITUTE
(32) Priority Date	:NA	Address of Applicant : AGHARKAR RESEARCH
(33) Name of priority country	:NA	INSTITUTE OF MAHARASHTRA ASSOCIATION FOR
(86) International Application No	:NA	CULTIVATION OF SCIENCE, G. G. AGARKAR ROAD,
Filing Date	:NA	PUNE 411 004, MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AGRAWAL SHAILAJA GHANSHYAM
Filing Date	:NA	2)PAKNIKAR KISHORE MADHUKAR
(62) Divisional to Application Number	:NA	3)BODAS DHANANJAY SHRIKRISHNA
Filing Date	:NA	

(57) Abstract:

The disclosures herein relate to the construction and implementation of a microfluidic biosensor for the detection of pathogens, novel primarily from the manner in which microfluidics, immune-magnetic separation are integrated to result in a system capable of accurate, fool-proof real-time on-field detection of pathogens and pathogenic substances without requirement of sophisticated laboratory setup. Figure to accompany the published abstract: Fig. 1



No. of Pages: 27 No. of Claims: 10

(21) Application No.3553/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE FOR CHECKING THE CONSTRUCTION OF AN EXTRUDER SCREW

	: B29C44/50,	(71)Name of Applicant:
(51) International classification	B29B7/00,	1)LEISTRITZ EXTRUSIONSTECHNIK GMBH
	B29C47/80	Address of Applicant :Markgrafenstrae 29-39 D - 90459
(31) Priority Document No	:102013112971.4	N ¹ / ₄ rnberg Germany Germany
(32) Priority Date	:25/11/2013	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)Frank Rechter
(86) International Application No	:PCT//	2)Sven Wolf
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FT) A1		

(57) Abstract:

Abstract Device for checking the construction of an extruder screw (2) consisting of a shaft (3) and screw elements (4) that are to be pushed or have been pushed one after the other onto said shaft in a defined sequence, each screw element (4) having an element-specific external geometry, a recording device being provided for determining information concerning the sequence of the screw elements (4) that are to be pushed on or have been pushed on and for comparing the information determined with target information, which directly or indirectly describes the target sequence.

No. of Pages: 29 No. of Claims: 26

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR OPERATING A WINDING MACHINE AND WINDING MACHINE

(51) International (71)Name of Applicant: :B65H67/04, B65H67/06, B65H67/02 1)SAURER GERMANY GMBH & CO. KG classification (31) Priority Document No :102013021316.9 Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (32) Priority Date :16/12/2013 (33) Name of priority (72) Name of Inventor: :Germany 1)Bungter, Stefan country (86) International 2)Flamm, Franz-Josef :NA Application No 3) Hennig, Peter :NA Filing Date 4) Kueppenbender, Marc (87) International 5)Marx, Alexander : NA Publication No 6)Ruh, Wolf-Michael (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention relates to a method for operating a winding machine (1) and to a winding machine with a large number of winding heads (2) and a transporting system (3) for the trackable transportation of cops (9) to the winding heads (2). The method comprises the steps of setting up a digital image of a reference cop (9A) with a known thread length by means of an imaging sensor (42, 42A), determining a variable representing the cross sectional area of the yarn body (48A) of the reference cop (9A), determining the ratio of the thread length of the reference cop (9A) and the variable representing the cross sectional area of the yarn body (48A) of the reference cop (9A), setting up a digital image of a cop (9) fed to the transporting system (3) by means of an imaging sensor (42), detecting the thread length drawn off from the cop (9) during the winding, linking information of the digital image of the cop (9), the thread length drawn off from the cop (9) and the determined ratio of the thread length of the reference cop (9A) and the variable representing the cross sectional area of the yarn body (48A) of the reference cop and controlling the winding machine (1) depending on the result of the linking.

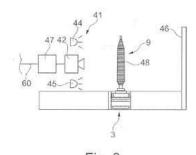


Fig. 3

No. of Pages: 25 No. of Claims: 16

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PRODUCTION OF A CONICAL CROSS-WOUND BOBBIN OF S-TWISTED YARN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:102013021972.8 :20/12/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAURER GERMANY GMBH & CO. KG Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (72)Name of Inventor: 1)Paschen, Ansgar
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for producing conical cross-wound bobbins (5) with S-twisted yarn. According to the invention, the S-twisted yarn is wound on a bobbin (18) in such a way that a p-winding is formed and the symmetry ratio, in other words, the ratio of the displacement speed between the, viewed from the operating side, left-hand and right-hand end face of the cross-wound bobbin (5), is increased during the bobbin travel. The invention also relates to the cross-wound bobbin (5) produced by the method and to the winding device (4) for carrying out the method.

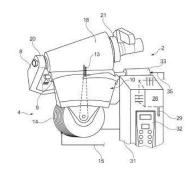


Fig. 2

No. of Pages: 17 No. of Claims: 6

(21) Application No.2781/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/08/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: REMOTE OPERATED CIRCUIT BREAKER WITH MANUAL RESET

(51) International classification	:H01H3/3031	(71)Name of Applicant:
(31) Priority Document No	:14/025,446	1)CARLING TECHNOLOGIES, INC.
(32) Priority Date	:12/09/2013	Address of Applicant :60 Johnson Ave Plainville, CT 06062-
(33) Name of priority country	:U.S.A.	1177, US. U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)FASANO, Michael
(87) International Publication No	: NA	2)LIN, Jianzhuan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A circuit breaker having a movable contact arm for opening and closing the circuit which is controlled separately by a circuit breaker mechanism for circuit protection and by a switch lever mechanism which does not require actuation of the circuit breaker mechanism to function. The switch lever may also be activated remotely by a remote actuator, for example, a solenoid. A manual reset mechanism is provided so that, actuation of which, when power has been lost to the remote actuator when the remote actuator is in the off position, moves the remote actuator to the on position, thereby resetting the circuit to the closed state.

No. of Pages: 34 No. of Claims: 28

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : DEVICE AND METHOD FOR SUPPLYING A COMBUSTION ENGINE WITH A CONDITIONED COMBUSTION GAS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B62H5/20, B62H5/03 :102013110199.2 :16/09/2013 :Germany	(71)Name of Applicant: 1)FEV GmbH Address of Applicant: Neuenhofstr. 181 52078 Aachen, Germany. Germany
(86) International Application No Filing Date	:PCT// :01/01/1900	(72)Name of Inventor : 1)WIDDERSHOVEN, Jan
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Device for supplying a combustion engine, preferably arranged on a test rig, with a conditioned combustion gas, especially air, comprising a supply line with a supply valve for supplying the combustion gas to the combustion engine and a discharge for discharging excessive combustion gas, as well as a method for supplying a combustion engine, preferably arranged on a test rig, with a conditioned combustion gas, especially air, wherein the combustion gas is fed to a combustion engine through a supply line with a supply valve and with a discharge for discharging excessive combustion gas. Fig.1

No. of Pages: 12 No. of Claims: 11

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A universal method and a device for supporting the process of press moulding of finely fragmented materials by means of mechanical vibrations

(51) International classification		(71)Name of Applicant:
(31) International elassification	B30B11/02	1)Politechnika Krakowska im. Tadeusza Kosciuszki
(31) Priority Document No	:P406693	Address of Applicant :ul. Warszawska 24, 31-155 Krak³w,
(32) Priority Date	:24/12/2013	Poland Poland
(33) Name of priority country	:Poland	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Ryszard Moszumanski
Filing Date	:01/01/1900	2)Maciej Moszumanski
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
· · · · · · · · · · · · · · · · · · ·		·

(57) Abstract:

The subject of the invention is a universal method and a device for supporting the process of press moulding of finely fragmented materials by means of mechanical vibrations. The device comprises a motor driving, via a belt transmission, the flow pulse generator (3) connected permanently with actuator. The feeding for flow pulse generator (3) is supplied to port (6), and the outflow to the reservoir occurs via port (7). On the circumference of rotor (17) of the flow pulse generator (3), a plurality of grooves is made. Groove (10), on one side, is connected permanently with passage of port (6), and on the other side, depending on position of rotor (17), it can be connected with arms of the flow guide. Groove (9), on one side, is connected permanently with passage of port (7), and on the other side, depending on position of rotor (17), it can be connected with arms of the flow guide. Passage (12) depending on position of rotor (17), is connected directly with groove (8) or with groove (9). Passage (12) is connected with space (13) above the actuator piston. Passage (14), depending on position of rotor (17), is connected directly with groove (10) or with groove (11). Passage (14) is connected with space (16) under the actuator piston (5). Grooves (8) and (9) are separated from grooves (10) and (11). The unit generating mechanical vibrations is characterised with low flow resistance and high tightness which ensures high energy efficiency and low level of noise emitted by the device.

No. of Pages: 14 No. of Claims: 6

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : SEPARATION OF SERUM BY PAPER BASED MICROFLUIDICS AND ESTIMATION OF DIFFERENT FORMS OF IRON USING CAMERA PHONE.

(51) International classification	:G01N33/558	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MACS - AGHARKAR RESEARCH INSTITUTE
(32) Priority Date	:NA	Address of Applicant : AGHARKAR RESEARCH
(33) Name of priority country	:NA	INSTITUTE OF MAHARASHTRA ASSOCIATION FOR
(86) International Application No	:NA	CULTIVATION OF SCIENCE, G. G. AGARKAR ROAD,
Filing Date	:NA	PUNE: 411 004, MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BODAS DHANANJAY SHRIKRISHNA
Filing Date	:NA	2)KULKARNI PRASAD PADMAKAR
(62) Divisional to Application Number	:NA	3)JOSHI BIMBA NAVALKISHOR
Filing Date	:NA	

(57) Abstract:

Disclosed herein is an enhanced microfluidic paper-based device for assaying serum iron content using the ferrozine agent, in which the assay results are interpreted using a smart phone software Figure to accompany published abstract: Fig 1

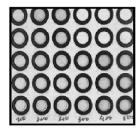


Fig. 1(a)

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :07/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: 3D POROUS SCAFFOLDS FOR CELL CULTURE AND TISSUE ENGINEERING.

(51) International classification	:G01N21/77	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MACS - AGHARKAR RESEARCH INSTITUTE
(32) Priority Date	:NA	Address of Applicant :AGHARKAR RESEARCH
(33) Name of priority country	:NA	INSTITUTE OF MAHARASHTRA ASSOCIATION FOR
(86) International Application No	:NA	CULTIVATION OF SCIENCE, G. G. AGARKAR ROAD,
Filing Date	:NA	PUNE: 411 004, MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KULKARNI VAISHNAVI MOHAN
Filing Date	:NA	2)BODAS DHANANJAY SHRIKRISHNA
(62) Divisional to Application Number	:NA	3)PAKNIKAR KISHORE MADHUKAR
Filing Date	:NA	

(57) Abstract:

Disclosed herein are the process for preparing a macroporous 3D scaffold for cell culture and tissue engineering. Further outlined are details of construction and implementation of a system integrating one or more microchips of said scaffold for in-vitro dynamic and / or co-culturing of cells. Figure to accompany the published abstract: Fig. 1

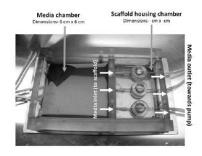


Fig. 1

No. of Pages: 12 No. of Claims: 9

(21) Application No.3584/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LASER SCAN RE-ENGINEERING OF 3D CAD MODELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G05B19/4097, G06F17/50 :14/101,930 :10/12/2013 :U.S.A. :NA :NA :NA	(71)Name of Applicant: 1)DASSAULT SYSTEMES Address of Applicant:10 rue Marcel Dassault, Tower 2, Floor 5 Velizy Villacoublay, Cedex 78140, France France (72)Name of Inventor: 1)Mazula, Nelia Gloria
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A 3D CAD model of a facility, city or multi-asset grouping is re-built from laser scan data of the facility/city/multi-asset grouping. Through a rules-based analysis, CAD model objects are identified in the laser scan data. The rules map laser scan data to CAD model objects based on shape, size and/or sequence of connection of objects in the facility/city/multi-asset grouping. Design logic of equipment and process facilities are also utilized by the rules.

No. of Pages: 25 No. of Claims: 20

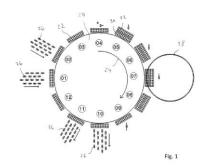
(22) Date of filing of Application :04/12/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR FILLING CAPSULES

(51) International classification	:B65B11/48, B65B43/59	(71)Name of Applicant:
(31) Priority Document No	:102013113446.7	1)FETTE ENGINEERING GMBH
(32) Priority Date	:04/12/2013	Address of Applicant :GRABAUER STRASSE 24, DE-21493
(33) Name of priority country	:Germany	SCHWARZENBEK, GERMANY Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MALICK, Daniel
(87) International Publication No	: NA	2)SCHEFFLER, Fabian
(61) Patent of Addition to Application	:NA	3)GAEDECKE, Joerg
Number	:NA	4)SEIFERT, Werner
Filing Date	.1171	5)HEINRICH, Thomas
(62) Divisional to Application Number	:NA	6)KRUSE, Jan-Eric
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for filling composed of a capsule top and a capsule bottom part capsules, comprising a conveyor, at its periphery, a plurality of capsule holders, each having a plurality of capsule holders for a respective capsule further comprising a Frderradantrieb, with the feed wheel can be rotated in cycles, with the feed wheel alternately passes downtime and movement times, so that the capsule holder cyclically move along a conveyor track, and comprising a plurality of along the conveyor track arranged process stations, the process stops at least one feeder for feeding to be filled capsules in the capsule recordings, at least one opening station to open the to be filled capsules by separating the capsule shells of the capsule parts, at least one filling station for filling the capsule parts with too beft/4llendem material, at least one closing station for closing the filled capsules by connecting the capsule shells with the capsule parts, and at least one ejection station for ejecting the filled capsules comprise. The invention also relates to a DOWN PROCEDURE filling composed of a capsule top and a capsule bottom part capsules.



No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :23/09/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DECAGONAL SHAPED DIAMOND WHICH DISPLAYS HEARTS AND ARROWS PATTERN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application Number 	:14/042,175 :30/09/2013 :U.S.A. :NA :NA	· ·
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A decagonal shaped diamond, adapted to display a hearts and arrows pattern when exposed to light comparable to the hearts and arrows pattern in a round diamond. The decagonal shaped diamond should be cut to form ten main crown facets of substantially equal size symmetrically arranged relative to one another surrounding a table facet twenty star facets with two star facets polished on every main crown facet, ten main pavilion facets, an equal number of crown half facets as pavilion half facets, ten subsidiary pavilion facets and ten main girdle facets with the girdle facets polished at a given angle relative to one another for forming the decagonal shape of the diamond.

No. of Pages: 18 No. of Claims: 10

(22) Date of filing of Application :04/11/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: REFRIGERATOR

(51) International classification :F25D1 (31) Priority Document No :10-201 (32) Priority Date :05/11/2 (33) Name of priority country :Republication No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA (63) Filing Date :NA (64) Patent of Addition to Application Number :NA Filing Date :NA (65) Divisional to Application Number :NA Filing Date :NA	3- 2 1)LG ELECTRONICS INC. Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, 2013 Seoul, 150-721, Republic of Korea Republic of Korea ic (72)Name of Inventor:
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(57) Abstract:

Provided is a refrigerator. The refrigerator may include a power supply unit configured to power the refrigerator using commercial power, a battery coupled to the power supply unit and configured to supply auxiliary power to the refrigerator, a power detection unit coupled to the power supply unit and the battery and configured to detect whether power is being supplied from the power supply unit, a driving unit to provide cold air, and a controller configured to control an operational mode of the driving unit based on the detection at the power detection unit. When the power supply unit is supplying power, the driving unit may be controlled to operate in a normal operation mode, and when the power supply unit is not supplying power, the driving unit may be controlled to operate in a power failure operation mode and to control the power to be supplied from the battery.

No. of Pages: 79 No. of Claims: 43

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A NOVEL SYSTEM AND COMPUTING METHOD FOR MANUAL TRACKING OF FLYING AIRCRAFT BY CONTROLLING THE TELEMETRY BASE STATION ANTENNA WITH RESPECT TO AZIMUTH AND ELEVATION OF AIRCRAFT, IN CASE OF FAILURE OF AUTO SCANNING MODE

(51) International classification	:G01s	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MAHTO SAMBAT
Filing Date	:NA	2)HEMANT KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT This invention presents a module employing a novel method to track aircraft manually by controlling base station telemetry antenna efficiently to avoid complete RF link loss between aircraft and telemetry base station. The module consists of Input data module [100], Processing & decision making module [101] and Display module [102]. Input data module consists of Telemetry ground station reception units, it will give online aircraft parameters from INGPS or DGPS installed on the aircraft. This module will get continuous aircraft data, If RF link is stabilized between aircraft & telemetry base station. Processing & Decision making module is heart of the system, it consist of data processing sub module [103], stored aircraft database sub module [104], base station information sub module [105] and decision making sub modules sub module [106]. This module receives aircraft parameters (raw value) from input data module and converts to engineering value. Stored aircraft database consist of latest 1 minute online aircraft parameters. Base station information having fixed telemetry base station data i.e base station position (Lat, Long & altitude), base station antenna limitation i.e range, azimuth & elevation movement etc. If RF communication broken between aircraft and telemetry base station, decision making module will take data (aircraft parameters i.e lat, long, altitude, speed, pitch, heading etc) from stored aircraft data base and compute aircraft position by approximation method. It computes required azimuth and elevation angle based on stored aircraft data base, base station information and data processing block. Display block provides real time as well as expected data on manual tracking GUI. It also provides real time aircraft movement on manual tracking GUI.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED CPCI BACKPLANE FOR AVIONICS COMPUTER

(51) International classification	:g06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)UPADHYAY NITESH
Filing Date	:NA	2)KUMAR NISHANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT This is an An improved cPCI Backplane for Avionics Computer. Improved features are implemented in this backplane to increase the reliability of the data and complete thermal monitoring of the unit. There are majorly four improved features which are implemented. First improved feature is implemented to increase the reliability of the data between cPCI controller module and the cPCI 10 module. This is achieved by establishing an Ethernet link between the controller module and IO module. Same data is transferred on cPCI bus and this Ethernet link. Second improved feature is used to monitor the temperature of the unit on different slots. Based on the temperature of the individual slots a controller is used to control the on/off of a fan once the temperature cross the critical limit. The critical limits are software configurable. This controller also sends warning signals to the pilot cockpit. Audio warning and LED warning both are made available in the cockpit. Third improved feature is used for Flexible video routing to provide the redundancy in the video input & video output. Fourth improved feature is the ease with which the unit is tested. For this purpose ATX power connector is provided on the backplane. Any power source with the ATX connector Pin assignment and current rating can be used in the lab environment to give power to the entire unit.

No. of Pages: 11 No. of Claims: 5

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR HANDLING MULTIPLE FAILURES IN A TELECOM MANAGEMENT SYSTEM

(51) International classification	:H04L12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TEJAS NETWORKS LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 25, JP SOFTWARE PARK,
(33) Name of priority country	:NA	ELECTRONICS CITY, PHASE-1, HOSUR ROAD,
(86) International Application No	:NA	BANGALORE - 560 100 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIJAYAKUMAR VIJAYAMANGALAM ARUMUGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT The various embodiments of the present invention provide a method and system for handling multiple failures in a telecom management system. The method comprises detecting a failure of Hot Standby (HSB) link, detecting a failure of EMS, rejecting new requests pertaining to EMS detected with failure, blocking communication to the EMS detected with failure by instructing Network Elements (NE), estimating work loads of EMS by a higher level network management system, identifying the Network Elements managed by the EMS detected with failure, grouping Network Elements based on a preset criteria, identifying EMS working without failure, instructing the EMS working without failure to start managing one or more groups of the Network Elements which are previously managed by the EMS detected with failure and communicating with the Network Elements which are to be managed by the EMS working without failure.

No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TEST INSTRUMENT TO TEST THE STATUS OF LANDING GEAR UPLOCK, LANDING GEAR DOWN LOCK, DOOR UPLOCK & DOOR OPEN LIMIT

(51) International classification	:B64C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE, DESIGN COMPLEX, MARATHALLI
(86) International Application No	:NA	POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)T. NANMOZHI
(61) Patent of Addition to Application Number	:NA	2)E. MAHESWARAN
Filing Date	:NA	3)U. TANUJA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Invented test Instrument (Figl) is a simple, cost effective, efficient and a user friendly instrument to test the status of Landing Gear Unlocks, Landing Gear Down Locks, Door Unlocks & Door Open Limits. Previously, there were no automated instruments available to test the status of Landing Gear Uplock, Landing Gear Down Lock, Door Uplock & Door Open Limit. The checking was done manually, hence it was time consuming & human errors reduced the accuracy. The Invented test Instrument has mating connectors to connect with the of Landing Gear Unlocks, Landing Gear Down Locks, Door Unlocks & Door Open Limits. The instrument (Fig2) is operated by batteries & the below mentioned status are displayed with LEDs Landing Gear Uplocks are in uplocked or unlocked condition Landing Gear Down Locks are in down locked or released condition Door Uplocks are in locked or unlocked condition Door Open Limit is attained or not The advantages are as mentioned below, Time required to resolve the snag is minimal. It takes only 10 seconds to check each unit. It takes less than 15 minutes to check all Landing Gear uplocks (3 Nos), Landing Gear Down locks (3 Nos) & Door uplocks (12 Nos) & Door Open limits (4Nos) No logistics are required (i.e. multimeter, pins with pigtail/sockets with pigtail etc.) All human errors are eliminated. Single person is enough. With a little training even unskilled employee can do this job accurately. Very easy, just mate the connector and switch on the instrument. The LEDs will glow to indicate the Uplock, Downlock & Open Limit status.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: GROUND EFFECT TESTS ON AN AIRCRAFT MODEL USING TOWING TANK FACILITY

(51) International classification	:B60V1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(33) Name of priority country	:NA	LIMITED, AIRCRAFT RESEARCH AND DESIGN CENTRE,
(86) International Application No	:NA	DESIGN COMPLEX, MARATHALLI POST, BANGALORE -
Filing Date	:NA	560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)M.A. QURAISHI
Filing Date	:NA	2)N. JAYARAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The existing towing tank facility at NSTL, Vizag which is generally used for testing of ship models was explored to carry out the ground effect test simulation including sink rate. Separate super structure was constructed to mount the sink rate mechanism and string to hold the model. Provision was made to bring the Aircraft model as close as 50mm (model scale) to maximum value of 2 meters (model scale) from the surface. All the touch down conditions including cross flow conditions were simulated and the results were analyzed for dynamic effect of ground effect tests. The results depicted that the lift is marginally increased with corresponding nose down movement due to good proximity. Elevon effectiveness also improved with good proximity while the impacts of lateral & directional characteristics are negligible.

No. of Pages: 12 No. of Claims: 2

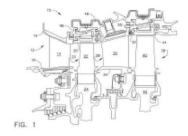
(22) Date of filing of Application :01/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ASYMMETRIC RADIAL SPLINE SEAL FOR A GAS TURBINE ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:24/08/2012 :WO 2013/074165 :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor: 1)STAPLETON David Scott 2)CEGLIO Christopher Michael 3)CORREIA Victor Hugo Silva
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CORREIA Victor Hugo Silva
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A shroud apparatus for a gas turbine engine includes: an annular shroud segment (26) having an arcuate bottom wall (52) defining an arcuate inner flowpath surface(62) spaced apart forward and aft walls (54 56) extending radially outward from the bottom wall (52) and spaced apart side walls (58) extending radially outward from the bottom wall (52) and between the forward and aft walls (54 56) each side wall (58) defining an end face (74) which includes: an axial slot (76) extending in a generally axial direction along the end face (74); a first radial slot (78) extending in a generally radial direction along the end face (74) and intersecting the axial slot (76); an axial spline seal (82) received in the axial slot (76); and a first radial spline seal (84) having an L shape with radial and axial legs (88 90) the radial leg (88)being substantially longer than the axial leg (90) wherein the radial leg (88) is received in the first radial slot (78) and the axial leg is received in the axial slot (76).



No. of Pages: 16 No. of Claims: 10

(21) Application No.1655/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR SELECTING AN OPTIMAL PATH FOR DATA TRANSMISSION

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)TEJAS NETWORKS LIMITED Address of Applicant: PLOT NO. 25, JP SOFTWARE PARK, ELECTROPICS CITY, PLASE 1, HOSLIP BOAD
(33) Name of priority country (86) International Application No	:NA :NA	ELECTRONICS CITY, PHASE-1, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
Filing Date (87) International Publication No (61) Potent of Addition to Application Number	:NA : NA :NA	(72)Name of Inventor: 1)SOMNATH OJHA 2)VINOD KUMAR MADAIAH
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)VINOD KUMAK MADAIAH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for selecting at least one optimal path for data transmission have been disclosed. The system, in accordance with the present disclosure comprises a mobile station having at least two Phased Lock Loops (PLL), and configured to connect to at least two base transceiver stations via two different carrier frequencies via the phased lock loops. The mobile station further identifies at least two data paths to the remote data center via the base transceiver stations, and selectively determines at least the operational parameters corresponding to the identified data paths. Further, the mobile station selectively transfers/receives information via the identified data paths.

No. of Pages: 19 No. of Claims: 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR AGGREGATING RADIO FREQUENCY COMMUNICATION LINKS AND IMPLEMENTING IN FPGA

(51) International classification	:H04L29/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TEJAS NETWORKS LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 25, JP SOFTWARE PARK,
(33) Name of priority country	:NA	ELECTRONICS CITY, PHASE-1, HOSUR ROAD,
(86) International Application No	:NA	BANGALORE - 560 100 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VINAYAK BHAT
(61) Patent of Addition to Application Number	:NA	2)LIKHIT KULKARNI
Filing Date	:NA	3)ANUJ KUMAR SRIVASTAVA
(62) Divisional to Application Number	:NA	4)SACHIN KASHYAP
Filing Date	:NA	5)MILIND KULKARNI

(57) Abstract:

The embodiments of the present invention provide a method and system for aggregating radio frequency communication links and implementing in FPGA. The method involves fragmenting a frame into a plurality of fragments before transmitting, adding a RFLAG header, adding a frame check sequence (FCS) for each fragmented frame, scheduling a data to a RF link, sending a pause frame from a downstream device to throttle a data rate, managing credits to the link, receiving the fragmented frames at a receiving end, verifying the received fragmented frames to check whether the received fragmented frames are within a preset range or not, storing a data in the fragmented frames in an internal storage in FPGA using a sequence number, sharing the BlockRAM among a plurality of groups supporting variable link speeds, reading the fragmented frames one by one by a reading logic and handling packet overflows and packet delays.

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR ACCESSING AND MANAGING DYNAMIC DATA PLANE

(51) International classification :G06F1 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)TEJAS NETWORKS LIMITED Address of Applicant:PLOT NO. 25, JP SOFTWARE PARK, ELECTRONICS CITY, PHASE-1, HOSUR ROAD, BANGALORE - 560 100 Karnataka India (72)Name of Inventor: 1)VINAYAK BHAT 2)LIKHIT KULKARNI 3)ANUJ KUMAR SRIVASTAVA 4)SACHIN KASHYAP 5)ABHIJIT DAS 6)RAVISHANKAR KUMARASWAMY
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(57) Abstract:

The various embodiments of the present invention provide a system and method for providing communication between a data plane and a control plane through a mailbox implemented in FPGA. The system provides a common interface between the control plane and data plane for exchanging messages. The messages are transmitted by the control plane to the data plane for efficiently accessing data structures. The system comprises a mailbox configured to receive messages from the control plane. The present invention adopts two different addressing modes to handle the updates received from the control plane. The low priority messages are processed in a general mailbox whereas the high priority messages are processed in a protection mailbox.

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :05/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: THERMAL BARRIER COATING SYSTEMS AND PROCESSES THEREFOR

(51) International classification :C23C4/10,C23C4/18,C23C30/00 (71) Name of Applicant: (31) Priority Document No :61/546793 (32) Priority Date :13/10/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/059841 No

:12/10/2012 Filing Date

(87) International Publication :WO 2013/103425

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

U.S.A.

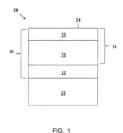
(72) Name of Inventor:

1)NAGARAJ Bangalore Aswatha 2)KONITZER Douglas Gerard 3) CHAPMAN Julie Marie

4)VENKATARAMANI Venkat Subramaniam

(57) Abstract:

Coating systems and processes by which the coating systems can be deposited to be resistant to contaminants and particularly resistant to infiltration and damage caused by CMAS. The coating systems include inner and outer ceramic layers. The inner ceramic layer consists essentially of zirconia stabilized by about 6 to about 9 weight percent yttria and optionally contains greater than 0.5 to 10 weight percent hafnium oxide. The outer ceramic layer overlies and contacts the inner ceramic layer to define the outermost surface of the coating system. The outer ceramic layer consists essentially of zirconia stabilized by about 25 to about 75 weight percent yttria has a thickness that is less than the thickness of the inner ceramic layer and further contains greater than 0.5 to 10 weight percent hafnium oxide and optionally 1 to 10 weight percent tantalum oxide. The outer ceramic layer has a porosity level that is lower than that of the inner ceramic layer.



No. of Pages: 26 No. of Claims: 20

(21) Application No.1615/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF TITANIUM DIOXIDE (TIO2)NANOPARTICLES WITH DESIRED RATIO OF ANATASE AND RUTILE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sona College of Technology
(32) Priority Date	:NA	Address of Applicant: Thiagarajar Polytechnic College Road,
(33) Name of priority country	:NA	Salem-63600, Tamilnadu, India Tamil Nadu India
(86) International Application No	:NA	2)Dr. S. Saravanan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. S. Saravanan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

PROCESS FOR PRODUCTION OF TITANIUM DIOXIDE (TI02) NANOPARTICLES WITH DESIRED RATIO OF ANATASE AND RUTILE The present invention relates to a process for the production of titanium dioxide (Ti02) nanoparticles with desired ratio of anatase phase and rutile phase, the method comprising reacting titanium trichloride (TiCl3) solution with a flower extract drying the reaction mixture obtained in step (a) at high temperature to powder form and (c) calcination of the powder obtained in step (b) at high temperatures.

No. of Pages: 39 No. of Claims: 18

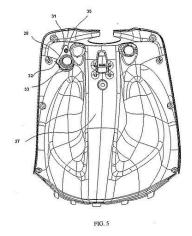
(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: REAR PANEL FOR A SCOOTER TYPE VEHICLE

(51) International classification	:F02M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KURMAM SHANMUKHA PRADEEP
(61) Patent of Addition to Application Number	:NA	2)YOGESH CHANDRAKANT KOTNIS
Filing Date	:NA	3)NITHIN MADHAV
(62) Divisional to Application Number	:NA	4)RAJAMANI RAVISANKAR
Filing Date	:NA	

(57) Abstract:

ABSTRACT The present subject matter discloses a scooter type motorcycle (1) comprising a front panel (16) and a rear panel (20) connected to each other and disposed in a front portion of the motorcycle. The rear panel comprises of a plurality of integrally formed bosses (31, 32) and an arcuate projection (33) to durably support a horn device (28) on its surface. An enmoulded supporting structure (37) is also provided in the rear panel butting against an extreme corner (19) of a front turn indicator (18). The rear panel (20) is jointly mounted to the front panel (16) and the floorboard (15) through sandwich mounting. [Abstract to be published with FIG. 5]



No. of Pages: 24 No. of Claims: 8

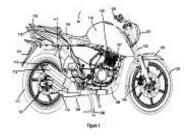
(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: EXHAUST SYSTEM FOR A TWO WHEELED VEHICLE

(51) International classification	:F01B17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GOKA RAVI KUMAR BALU
(61) Patent of Addition to Application Number	:NA	2)BOOBALAN MANI
Filing Date	:NA	3)ANANDKUMAR MALUVADU SUNDARAMAN
(62) Divisional to Application Number	:NA	4)VAIDYANATHAN BALAJI
Filing Date	:NA	

(57) Abstract:

ABSTRACT Given description discloses an exhaust system with a larger volume for light weight vehicle ensuring noise reduction as well as a balance CG for the vehicle. Said system has two expansion chambers mounted in the same vertical plane such that in first stage exhaust gas expansion happens in lower expansion chamber as well as the temperature of flowing exhaust gas drops down. The exhaust air reaching the upper expansion chamber is comparatively cooler due to which rider will observe lesser temperature. Due to larger surface area and volume of the expansion chambers exhaust air expands more that reduces noise level of the exhaust system. Further, since both the expansion chambers lies in the same vertical plane overhanging issue of the exhaust unit is solved and hence overall CG of the vehicle can be maintained even in lighter vehicles. To be accompanied with Figure 1



No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SALIENCY BASED DISPARITY MAPPING

(51) International classification	:H04N13/00	(71)Name of Applicant:
(31) Priority Document No	:61/553984	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:01/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/055829	(72)Name of Inventor:
Filing Date	:23/10/2012	1)BRULS Wilhelmus Hendrikus Alfonsus
(87) International Publication No	:WO 2013/064938	2)KROON Bart
(61) Patent of Addition to Application	:NA	3)VANDEWALLE Patrick Luc Els
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A three dimensional [3D] image signal is processed for rendering 3D image data (33) on a specific 3D display e.g. an auto stereoscopic display. A first depth map (34) and saliency of the 3D image data are determined. A display depth sub range (35) of a usable depth range (36) of the 3D display is determined and provides a higher 3D image quality for a viewer than the 3D image quality across the usable depth range. A depth mapping function is determined in dependence of the saliency data. The depth mapping function maps the first depth map to a second depth map for generating views for the 3D display. Advantageously the salient range of depth values is mapped towards the display depth sub range.





No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: GENE CLUSTER FOR BIOSYNTHESIS OF GRISELIMYCIN AND METHYLGRISELIMYCIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07K14/36,C12R1/465 :11306321.8 :12/10/2011 :EPO :PCT/EP2012/070213 :11/10/2012 :WO 2013/053857	(71)Name of Applicant: 1)SANOFI Address of Applicant:54 rue La Botie F 75008 Paris France (72)Name of Inventor: 1)BROENSTRUP Mark 2)KOENIG Caudia 3)TOTI Luigi 4)WINK Joachim
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)LEUSCHNER Wulf 6)GASSENHUBER Johann 7)MUELLER Rolf 8)WENZEL Silke 9)BINZ Tina 10)VOLZ Carsten

(57) Abstract:

The present invention refers to the gene cluster and genes comprised by the gene cluster which are involved in the biosynthesis of griselimycin and methylgriselimycin and to the use of the gene cluster genes comprised thereby and proteins encoded thereby for the production of antibiotic agents.

No. of Pages: 92 No. of Claims: 17

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : ROLLER SYSTEM FOR USE IN FIXING PUNCTURES OF THE WHEELS OF MOTOR- BIKES AND THE LIKE

(51) International classification	:B25H5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G. MANIMARAN
(32) Priority Date	:NA	Address of Applicant :NO: 6.D. KRISHNAAPPAN WEST
(33) Name of priority country	:NA	STREET, KUMBAKONAM - 612 001 Tamil Nadu India
(86) International Application No	:NA	2)P. MANIVEL
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G. MANIMARAN
(61) Patent of Addition to Application Number	:NA	2)P. MANIVEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ROLLER SYSTEM FOR USE IN FIXING PUNCTURE IN THE WHEELS OF MOTOR -BIKES AND THE LIKE The invention provides a Roller system for use in fixing punctures of the wheels of motor-Dikes and the like, the SYSTEM consisting of: (a), A long, horizontal steel framework, to support from below, the wheel of the motor-bike. (b), Two steel strips, fixed in front and at the back of the framework to hold the wheel of the motor-bike in immobile vertical position, with the help of a bolt-nut at the top of each of the two steel strip system. (c). Two wheels made of plastic, in front and at the back of the frame work, to provide mobility to the whole device. By the use of the Roller system of the invention puncture of the front wheel and the back wheel of the motor - bike can be attended to easily without loss of time.

No. of Pages: 7 No. of Claims: 2

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : UPLINK RESOURCE MANAGEMENT OF PUCCH UNDER COORDINATED MULTIPOINT TRANSMISSION COMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:02/10/2012 :WO 2013/052504 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)CHEN Wanshi 2)GAAL Peter 3)XU Hao
Filing Date	:NA	

(57) Abstract:

Management and distribution of PUCCH resources between first and second eNBs in a CoMP system is disclosed in which the control and data transmission for a given UE is decoupled. The decoupling of the control and data transmissions allows the first eNB to transmit control information while the second eNB or remote radio head (RRH) transmits data. In such systems the first eNB communicates a dynamic PUCCH parameter to UEs served in a decoupled manner. The dynamic PUCCH parameter allows the UE to determine uplink communications for the dynamic PUCCH region transmitted to the second eNB in such a position that will not overlap or cause interference with the dynamic PUCCH regions reserved by the first eNB.

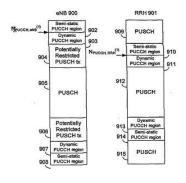


FIG. 9

No. of Pages: 54 No. of Claims: 97

(22) Date of filing of Application :24/01/2014

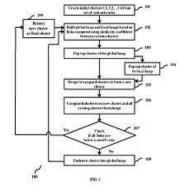
(43) Publication Date: 09/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR CUSTOMIZABLE CLUSTERING OF SUB-NETWORKS FOR BIOINFORMATICS AND HEALTH CARE APPLICATIONS

(51) International classification :G060 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)Samsung R & D Institute India- Bangalore Private Limited Address of Applicant: # 2870, Orion Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore- Karnataka India (72)Name of Inventor: 1)Subhankar Mukherjee 2)TaeJin Ahn 3)Ajit S. Bopardikar 4)Anirban Bhaduri 5)Srikanth Rama Mallavarapu
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(57) Abstract:

A method and device for clustering a plurality of sub-networks of a larger interaction network using an enhanced hierarchical clustering algorithm is disclosed. The method provides expression based sub-network generation using differentially expressed markers. The enhanced hierarchical clustering algorithm clusters the generated sub-networks based on a user defined customizable similarity coefficient. The method uses non-Boolean links to cluster similar sub-networks. This provides consideration of indirect relationships among sub-networks. The customizable similarity coefficient enables the method to be used for diverse applications such as biomarker detection, patient stratification, personalized therapy, drug efficacy prediction, genetic similarity analysis in genetic diseases. The method enables patient grouping based on the enhanced hierarchical clustering algorithm. FIG. 1



No. of Pages: 59 No. of Claims: 27

(22) Date of filing of Application :07/05/2014

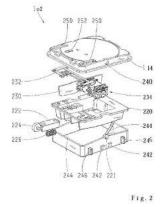
(43) Publication Date: 09/10/2015

(54) Title of the invention : SWITCHING MODULE FOR A SWITCH SWITCH METHOD FOR INDICATING ACTUATION OF A SWITCH AND METHOD FOR CONTROLLING AN APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G05G :10 2011 084 407.4 :13/10/2011 :Germany :PCT/EP2012/068018 :14/09/2012 :WO 2013/053565 :NA :NA	(71)Name of Applicant: 1)ZF FRIEDRICHSHAFEN AG Address of Applicant:88038 Friedrichshafen Germany (72)Name of Inventor: 1)RUFF Eduard
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abatraat		1

(57) Abstract:

A switching module (102) for a switch has a housing (220) which is designed to implement a switching movement on actuation of the switch. In addition the switching module (102) has an actuator (222) which is arranged and formed in the housing (220) in order to implement an actuating movement that can be controlled by a control contour (244) during the switching movement of the housing (220). In addition the switching module (102) has an energy transducer (234) which is arranged in the housing (220) and is designed to provide driven by the actuating movement of the actuator (222) an electrical pulse. In addition the switching module (102) has a switching unit for outputting a switching signal based on the electrical pulse for indicating the switching movement of the housing (220).



No. of Pages: 47 No. of Claims: 11

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SOLAR PANEL IN A TWO WHEELER

(51) International along Continu	110217/00	(71)N
(51) International classification	:H02J //00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MOUMITA SARKAR
(61) Patent of Addition to Application Number	:NA	2)SARVANI KUCHIBHOTLA
Filing Date	:NA	3)JAJALA BUJJAMMA
(62) Divisional to Application Number	:NA	4)SAMRAJ JABEZ DHINAGAR
Filing Date	:NA	

(57) Abstract:

ABSTRACT A solar charging system for two-wheeler (10) comprising a solar panel (2) mounted on different portions of the said two-wheeled vehicle (10), a primary battery (72), a secondary battery (73) and a switching module (89). The said solar panel (2) recharges any one of the said primary battery (72) or secondary battery (73), depending upon their individual state of charges. The said switching module (89) of the said solar charging system performs the selection of primary battery (72) or secondary battery (73) for recharging depending upon their individual state of charge. < To be published with Fig. 2 >



Figure 2

No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FRAME STRUCTURE FOR A SADDLE TYPE MOTORCYCLE

(51) International classification	:B62K11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KARANAM VENKATA MANGA RAJU
(61) Patent of Addition to Application Number	:NA	2)NATARAJAN SANKARANARAYANAN
Filing Date	:NA	3)RENGARAJAN BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Given description discloses a modified frame for a motorcycle that facilitates better mounting space for embodiments like high cc engines, battery and related embodiments. In this frame rear and front part are fixed together such that strength at high pressure joints can be increased as well as more space within the frame area can be provided for mounting. On its front side head tube and front frame member are joined together such that cylinder head cover, cylinder head and cylinder block of the engine can be removed for serviceability in its mounted condition within the frame of the motorcycle. To be accompanied with Figure 2

No. of Pages: 20 No. of Claims: 7

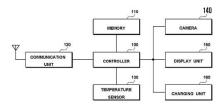
(22) Date of filing of Application :02/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING TEMPERATURE IN MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04B1/40,G05D23/24 :1020110116774 :10/11/2011 :Republic of Korea :PCT/KR2012/009174 :02/11/2012 :WO 2013/069931	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor :
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	4)YUN Chul Eun 5)LEE Ju Beam 6)JANG Se Young 7)CHO Hyo Jae 8)CHUN Bong Su 9)HA Young Hee

(57) Abstract:

A temperature control system of a mobile device is provided. The system includes a memory for storing a set temperature value and a release temperature value a temperature sensor for sensing an internal temperature of the mobile device; at least one module that emits heat and a controller. The controller compares the output of the temperature sensor with the set temperature value in a normal mode in order to determine whether the mobile device is overheated and controls if the mobile device is overheated the at least one module to operate in a heat generation suppressing mode compares the output of the temperature sensor with the release temperature value in the heat generation suppressing mode in order to determine whether to release the heat generation suppressing mode and executes the normal mode if the heat generation suppressing mode is released according to the comparison result.



No. of Pages: 29 No. of Claims: 17

(21) Application No.3440/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: THICKENER CONTAINING AT LEAST ONE POLYMER BASED ON ASSOCIATIVE MONOMERS

(51) International classification(31) Priority Document No	:C08F220/06,C08F220/18,C09D7/00 :11188724.6	(71)Name of Applicant: 1)BASF SE Address of Applicant: 67056 Ludwigshafen Germany
(32) Priority Date	:11/11/2011	(72)Name of Inventor:
(33) Name of priority country	:EPO	1)LEYRER Reinhold J. 2)ARISANDY Christofer
(86) International Application No Filing Date	:PCT/EP2012/072016 :07/11/2012	3)BENLAHMAR Ouidad
(87) International Publication No	:WO 2013/068392	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract:

The invention relates to a thickener containing i) at least one polymer which can be obtained by the polymerisation of a) at least one water soluble ethylenically unsaturated monomer comprising at least one anionic monomer and/or at least one non ionic monomer b) at least one ethylenically unsaturated associative monomer c) optionally at least one cross linking agent d) optionally at least one chain transfer agent ii) at least one activator the ratio between the activator and the polymer being > 10 100 [wt. % / wt. %].

No. of Pages: 34 No. of Claims: 19

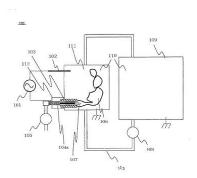
(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LIQUID TREATMENT DEVICE AND LIQUID TREATMENT METHOD

(51) International classification :C02F1/48,A47L15/42,D06F39/08 (71)Name of Applicant : (31) Priority Document No 1)PANASONIC CORPORATION :2012163785 (32) Priority Date :24/07/2012 Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (33) Name of priority country :Japan (72) Name of Inventor: (86) International Application :PCT/JP2013/003969 No 1)IMAI Shin ichi :25/06/2013 Filing Date 2)KUMAGAI Hironori (87) International Publication 3)ONODERA Mari :WO 2014/017020 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The disclosed liquid treatment device comprises: a first metal electrode whereof at least part is arranged within a reaction tank into which water to be treated is introduced; a second metal electrode arranged within said reaction tank; an insulator forming a closed space provided so as to surround said first metal electrode; an aperture provided in said insulator in respect of said water to be treated from which bubbles in said water to be treated are generated from said space; a gas supply device that supplies the gas necessary for generating said bubbles into said space; and a power source that applies voltage between said first metal electrode and said second metal electrode.



No. of Pages: 63 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2874/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: CHARGING DEVICE

(51) International classification :H02M1/00,H01M10/44,H02J7/00 (71)Name of Applicant :

(31) Priority Document No :2011223286 (32) Priority Date :07/10/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/073926

:19/09/2012 Filing Date

(87) International Publication :WO 2013/051392

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NISSAN MOTOR CO. LTD.

Address of Applicant: 2 Takara cho Kanagawa ku Yokohama

shi Kanagawa 2210023 Japan

2)OHMI SANGYO CO. LTD.

(72)Name of Inventor:

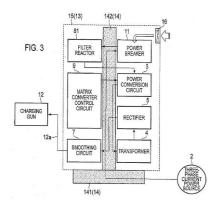
1)HAMADA Mitsuharu 2)TAIMA Tatsuharu

3)YANASE Hidevuki

4)YANO Yoshiaki

(57) Abstract:

This charging device (1A) to which a power conversion apparatus (11 81 3 4 5 7 9) that converts commercial power to DC power has been mounted is provided with: a core frame (14) that mounts a power conversion apparatus that includes a power source breaker (11) which turns on/off an input AC power a power conversion circuit (3) which converts the input AC power to a predetermined AC power a voltage conversion circuit (4) which converts the predetermined AC power to a predetermined voltage and a rectifier circuit (5) which converts the AC power that has been converted to the predetermined voltage to DC power; and an outer housing (15a 15b) that is mounted to the core frame in a manner so as to cover the core frame. The power source breaker the power conversion circuit the rectifier circuit and the voltage conversion circuit are mounted to the core frame in said order.



No. of Pages: 36 No. of Claims: 5

(22) Date of filing of Application :07/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PUMPS

(51) International classification :F01C5/04,F04C5/00,F04C15/00 (71)Name of Applicant :

(31) Priority Document No :1117300.2 (32) Priority Date :07/10/2011

(33) Name of priority country :U.K.

(86) International Application No:PCT/EP2012/069646

Filing Date :04/10/2012

(87) International Publication No: WO 2013/050491

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1) QUANTEX PATENTS LIMITED

Address of Applicant: 85 Richford Street London W6 7HJ

U.K.

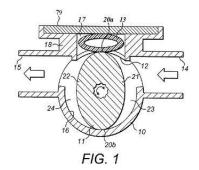
(72) Name of Inventor:

1)HAYES PANKHURST Richard Paul

2)FORD Jonathan Edward

(57) Abstract:

A pump comprises a housing (10) and a rotor (11) that rotates in the housing. The housing (10) has a fluid inlet (14) and a fluid outlet (15). The rotor (11) includes two shaped surface (21 22; 50a 50b 50c) radially inwardly of the housing (10) and forming with the interior surface of the housing respective chambers (23 24; 51a 51b 51c) for conveying fluid from the inlet (14) to the outlet (15) on rotation of the rotor (11). A seal (12, 56) is provided between the outlet (15) and the inlet to engage the shaped surfaces (23 24; 50a 50b 50c)) to prevent the passage of fluid from the outlet (15) to the inlet (14) as each shaped surface (23 24; 50a 50b 50c) travels from the outlet (15) to the inlet (14). The shape of the surfaces (21 22; 50a 50b 50c) provides an optimised volume for the chambers (23 24; 51a 51b 51c) and the seal (12; 56) is urged into contact with the rotor (1 1) by spring arrangements (13 39 41 59) that provide an even force along the axial length of surfaces (21 22).



No. of Pages: 32 No. of Claims: 24

(22) Date of filing of Application :07/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PUMP FITTINGS AND METHODS FOR THEIR MANUFACTURE

(51) International classification :F04C27/00,F04C5/00,B67D1/10 (71) Name of Applicant:

(31) Priority Document No :1117297.0 (32) Priority Date :07/10/2011

(33) Name of priority country :U.K.

(86) International Application :PCT/EP2012/069643

No :04/10/2012 Filing Date

(87) International Publication No:WO 2013/050488

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) QUANTEX PATENTS LIMITED

Address of Applicant: 85 Richford Street London W6 7HJ

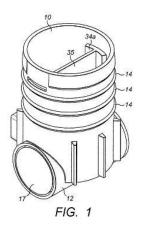
(72) Name of Inventor:

1)HAYES PANKHURST Richard Paul

2)FORD Jonathan Edward

(57) Abstract:

A pump fitting has an inlet adaptor (10) for connection to an outlet (39) of a container (38) of fluid and including an inlet passage (10) an outlet passage (11) for fluid and a pump housing (12) between the inlet passage (10) and the outlet passage (11). The pump housing (12) contains a rotor (17) rotatably received in an interior surface of the housing (12). The rotor (17) includes a housing engaging surface (23 24) co operating with the interior surface of the housing (12) to form a seal therebetween and also including at least one shaped surface (21 22) radially inwardly of the housing engaging surface and forming with the interior surface of the housing a chamber (25 26) for conveying fluid from the inlet passage (10) to the outlet passage (11) on rotation of the rotor (17). A seal (28) is provided between the outlet passage (10) and the inlet passage (11) the seal (28) being urged into engagement with the rotor (17) to prevent fluid passing from the outlet passage (11) to the inlet passage (10) as the shaped surface rotates. The inlet passage (10) the outlet passage (11) and the housing (12) are formed as a one piece moulding.



No. of Pages: 19 No. of Claims: 23

(22) Date of filing of Application :02/04/2014

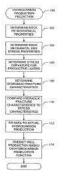
(43) Publication Date: 09/10/2015

(54) Title of the invention : A METHOD OF ESTIMATING AN ASPECT RATIO OF A FRACTURE ASSOCIATED WITH A GEOLOGICAL AREA AND SYSTEM THEREOF

(51) International classification :G01V11/00 (71)Name of Applicant: (31) Priority Document No 1)PRAD RESEARCH AND DEVELOPMENT LIMITED :11/350,639 (32) Priority Date Address of Applicant : P.O. BOX 71, CRAIGMUIR :09/02/2006 (33) Name of priority country CHAMBERS, ROAD TOWN, TORTOLA British Virginia :U.S.A. (86) International Application No :PCT/US2007/03493 (72)Name of Inventor : Filing Date 1)LEE, DONALD :08/02/2007 (87) International Publication No :WO/2007/092596 2) DEN BOER, LENNERT (61) Patent of Addition to Application 3)SAYERS, COLIN, M :NA Number 4)HOOYMAN, PATRICK, J :NA Filing Date (62) Divisional to Application Number :4751/CHENP/2008 Filed on :08/02/2007

(57) Abstract:

This invention relates to a method and system of estimating an aspect ratio of a fracture associated with a geological area. The method includes computing a stress ratio associated with the fracture and mapping the stress ratio to an estimated aspect ratio via a predetermined relationship relating stress ratios to aspect ratios for the geological area. Fig.l



No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :02/04/2014

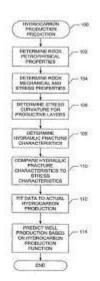
(43) Publication Date: 09/10/2015

(54) Title of the invention: A METHOD OF ESTIMATING A FRACTURE VOLUME AND SYSTEM THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:16/08/2007 :WO/2007/092596 :NA	(71)Name of Applicant: 1)PRAD RESEARCH AND DEVELOPMENT LIMITED Address of Applicant: P.O. BOX 71, CRAIGMUIR CHAMBERS, ROAD TOWN, TORTOLA British Virginia (72)Name of Inventor: 1)LEE, DONALD 2)DEN BOER, LENNERT 3)SAYERS, COLIN, M 4)HOOYMAN PATRICK I
Number Filing Date (62) Divisional to Application Number	:NA :NA :4751/CHENP/2008	4)HOOYMAN, PATRICK, J
Filed on	:08/02/2007	

(57) Abstract:

A METHOD OF ESTIMATING A FRACTURE VOLUME AND SYSTEM THEREOF This invention relates to a method and system of estimating a fracture volume. The method includes obtaining a set of microseismic data associated with a fracture, generating a voxelized space based on the set of microseismic data, selecting pairs of points from the set of microseismic data, identifying voxels from the voxelized space, wherein the identified voxels correspond to the pairs of points and vectors connecting the pairs of points and estimating the fracture volume based on the identified voxels. Fig. 5



No. of Pages: 33 No. of Claims: 18

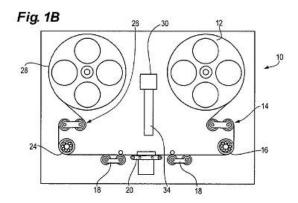
(22) Date of filing of Application :16/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CONTINUOUS MOTION FILM SCANNING

(51) International classification	:H04N1/21	(71)Name of Applicant:
(31) Priority Document No	:13/200464	1)BOVEE Reed
(32) Priority Date	:23/09/2011	Address of Applicant :2811 Aspen Grove Court Anchorage
(33) Name of priority country	:U.S.A.	Alaska 99508 U.S.A.
(86) International Application No	:PCT/US2012/055908	(72)Name of Inventor:
Filing Date	:18/09/2012	1)BOVEE Reed
(87) International Publication No	:WO 2013/043593	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A continuous film scanning system for high resolution digital archival and duplication of motion picture film on a frame by frame basis. Film is driven through the film scanning system through the use of rollers and maintained at a consistent tension throughout the scanning process. Optical interrogation of the perforations associated with each film frame is used to trigger digital image capture. The continuous film scanning system is particularly well adapted to safely handle imperfect or damaged film stock.



No. of Pages: 56 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR CONTROLLING UNDESIRABLE BYPRODUCTS FORMATION CAUSED BY CONTAMINATING ORGANISMS IN THE PRODUCTION OF ETHANOL FROM SYNGAS

:C12P7/16,C12P7/52,C12P7/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)COSKATA INC. :13/239305 (32) Priority Date Address of Applicant: 4575 Weaver Parkway Suite 100 :21/09/2011 (33) Name of priority country Warrenville IL 60555 U.S.A. :U.S.A. (86) International Application No: PCT/US2012/055612 (72) Name of Inventor: Filing Date :14/09/2012 1)DATTA Rathin (87) International Publication No :WO 2013/043513 2) REEVES Andrew (61) Patent of Addition to 3)KLIMAN Laura T. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method of operating a fermentation zone for the production of ethanol from syngas uses a crotonate like compound to prevent or reverse the effects of butyrogen contamination. The crotonate like compound works in continuous fermentation processes to reduce or eliminate contamination from butyrate and butanol in the syngas derived ethanol product.

No. of Pages: 61 No. of Claims: 10

(22) Date of filing of Application:16/04/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: VIBRATORY FLOWMETER AND METHOD FOR AVERAGE FLOW RATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01F1/84 :NA :NA :NA :PCT/US2011/052106 :19/09/2011 :WO 2013/043147 :NA :NA	(71)Name of Applicant: 1)MICRO MOTION INC. Address of Applicant: 7070 Winchester Circle Boulder Colorado 80301 U.S.A. (72)Name of Inventor: 1)HAYS Paul J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vibratory flowmeter (5) for determining an average flow rate of a pulsating flow is provided. The vibratory flowmeter (5) includes a flowmeter assembly (10) including at least two pickoff sensors (170L 170R) and configured to generate at least two vibrational signals and meter electronics (20) configured to receive the at least two vibrational signals and generate a flow rate measurement signal divide the flow rate measurement signal into a series of time periods with each time period including a single flow peak that is substantially centered in the time period totalize flow rate measurements of each time period to generate a period sum and divide the period sum by a time period length to generate a period average flow rate wherein the meter electronics (20) outputs a sequence of period average flow rates as an average flow rate signal.



No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application :07/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: RUST INHIBITING LUBRICANT

(51) International :C10M173/00,C10M169/04,C10N30/12 classification

:11/11/2011

:08/11/2012

:China

:NA

:201110358105.0

:PCT/US2012/064147

(31) Priority Document

(32) Priority Date (33) Name of priority

country

(86) International Application No

Filing Date

(87) International :WO 2013/070913 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(57) Abstract:

(71)Name of Applicant:

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M Center Post Office Box 33427 Saint

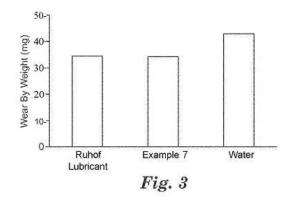
Paul Minnesota 55133 3427 U.S.A.

(72) Name of Inventor: 1)XIE Ying Wei

2) SCHOLZ Matthew T.

3)QIU Kai

The present invention provides a rust inhibiting lubricant. Based on the total weight of the rust inhibiting lubricant the rust inhibiting lubricant comprises: (a) from 5% to 45% of base oil wherein the base oil is one or more substances selected from the following group: polyalkelene glycol fatty glyceride and propanetriol; (b) from 0.1% to 15% of corrosion inhibitor wherein the corrosion inhibitor may be one or more substances selected from the following group: organic poly(carboxylic acid) organic polycarboxylate salt and alkyl amine; (c) from 0.05% to 10% of anti corrosion agent wherein the anti corrosion agent may be one or more substances selected from the following group: benzoic acid anti corrosion agents and isothiazoline anti corrosion agents; and (d) from 30% to 90% of water.



No. of Pages: 19 No. of Claims: 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1323/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/02/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SPIN ON FILTER WITHOUT A NUT PLATE

(51) International classification :B01D35/30,B01D27/08,B01D29/15

(31) Priority Document No :61/531207 (32) Priority Date :06/09/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/053840

Application No :06/09/2012 Filing Date

(87) International Publication :WO 2013/036560

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1) CUMMINS FILTRATION IP INC.

Address of Applicant: 1400 73rd Avenue NE Minneapolis MN

55432 U.S.A.

(72)Name of Inventor:1)SAWANT Anil I.2)MENEZ Loick3)PARIKH Chirag D.4)MALGORN Gerard

(57) Abstract:

A spin on filter that eliminates the use of a nut plate and reduces the number of separate components. Instead the spin on filter utilizes the end plate of the filter cartridge to perform a number of functions including closing the open end of the filter shell sealing between the dirty and clean fluid sides sealing between the filter and the mounting head to prevent leakage outside the filter to environment attaching the filter cartridge to the shell and sealing the end of the filter media.

No. of Pages: 32 No. of Claims: 20

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HIGH FIBER LOW CALORIE FOOD SUPPLEMENT

(51) International classification	:A23L1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THIRUMALAI ANANDAMPILLAI APARNA
(32) Priority Date	:NA	Address of Applicant :19, FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI -
(86) International Application No	:NA	600 088 Tamil Nadu India
Filing Date	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
(87) International Publication No	: NA	3)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THIRUMALAI ANANDAMPILLAI APARNA
(62) Divisional to Application Number	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
Filing Date	:NA	3)THIRUMALAI ANANDAMPILLAI ANANDVISHNU

(57) Abstract:

HIGH FIBER LOW CALORIE FOOD SUPPLEMENT The invention is a sugar cane non absorbable high fiber powder as a bulking filler in dishes. After crushing, the sugar cane is washed, dried, milled, sieved, freed of all foreign objects and UV sterilised. This powder is added to dough or food and processed by steam, heat, fried or baked or cooled for various dishes. Sugarcane fiber is unabsorbable cellulose, adding to stool bulk and also eliminating lipids. Sugar cane fiber powder can be mixed with vitamins and good gut bacteria. Sugar cane fiber can be added from 10-50% as safe fillers reducing effective calories by the added percentge..

No. of Pages: 6 No. of Claims: 1

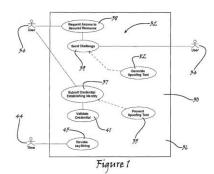
(22) Date of filing of Application :02/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AUTHENTICATION SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04L9/32 :13/279294 :23/10/2011 :U.S.A. :PCT/US2012/059724 :11/10/2012 :WO 2013/062777 :NA :NA	(71)Name of Applicant: 1)NANDAKUMAR Gopal Address of Applicant:618 Bluff Trail San Antonio TX 78216 U.S.A. (72)Name of Inventor: 1)NANDAKUMAR Gopal
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method whereby the identity of a person entity device or the like attempting to gain access to a secured resource may be securely authenticated includes a means for receiving from a requester purporting to be an authorized user of a secured resource a request for access to the secured resource; means for generating and communicating to the purported authorized user a challenge string adapted to provide a basis for authenticating the identity of the requester; a means for receiving a response string corresponding to the challenge string; and a means for evaluating the response sting to authenticate the identity of the requestor.



No. of Pages: 233 No. of Claims: 140

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

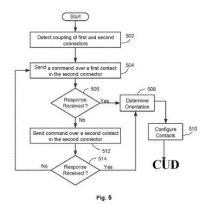
(54) Title of the invention: TECHNIQUES FOR CONFIGURING CONTACTS OF A CONNECTOR

(51) International (71) Name of Applicant: :H01R27/00,H01R29/00,H01R13/66 classification 1)APPLE INC. (31) Priority Document No :61/556792 Address of Applicant: 1 Infinite Loop MS 169 3IPL Cupertino (32) Priority Date California 95014 U.S.A. :07/11/2011 (33) Name of priority country:U.S.A. (72) Name of Inventor: (86) International 1)TERLIZZI Jeffrey J. :PCT/US2012/063928 Application No 2)MULLINS Scott :07/11/2012 3)KOSUT Alexei Filing Date (87) International Publication :WO 2013/070753 4)MINOO Jahan (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA

(57) Abstract:

Filing Date

Systems and methods for configuring contacts of a first connector includes detecting mating of a second connector with the first connector and in response to the detection sending a command over one of the contacts and waiting for a response to the command. If a valid response to the command is received the system determines the orientation of the second connector. The response also includes configuration information for contacts in the second connector. The system then configures some of the other contacts of the first connector based on the determined orientation and configuration information of the contacts of the second connector.



No. of Pages: 51 No. of Claims: 26

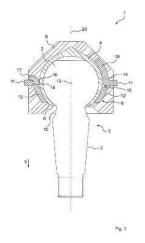
(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CONNECTING ASSEMBLY FOR A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16C11/06 :10 2011 084 163.6 :07/10/2011 :Germany :PCT/EP2012/067738 :11/09/2012 :WO 2013/050218 :NA	 (71)Name of Applicant: 1)ZF FRIEDRICHSHAFEN AG Address of Applicant: 88038 Friedrichshafen Germany (72)Name of Inventor: 1)NACHBAR Frank 2)ADAMCYK Dorl
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a connecting assembly for a vehicle comprising a structural component (11) having a connecting region (14) a joint (7) comprising a bearing element (4) and a joint inner part (3) that is movably mounted in said bearing element and extends thereof in an axial direction (5) the bearing element (4) of which forming an insert in conjunction with the connecting region (14) and further comprising a cast part (9) which is produced by recasting the insert encloses the same and from which extend the structural component (11) and the inner joint part (3). The insert comprises a closure component (12) that meshes in a form fitting manner with the structural component (11) said closure component forming in conjunction with the structural component (11) a joint receptacle (8) that secures the bearing element (4) in the axial direction (5) in a form fitting manner.



No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR OBTAINING ENGINEERED PERICARDIUM AND DERIVATIVES

(51) International classification	·H04I 20/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :DELHI AVE, INDIAN INSTITUTE
(33) Name of priority country	:NA	OF TECHNOLOGY, CHENNAI - 600 036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. VENKATESH BALASUBRAMANIAN
(87) International Publication No	: NA	2)SOMA GUHATHAKURTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel process for obtaining engineered pericardium and derivatives for uses in Medicine, Pharmaceuticals, Food and Cosmetics. Initially, pericardium can be harvested from a mammalian source in order thereby treat it with sodium deoxycholate or related salt of cholic acid to obtain 100% decellularization without damaging the basic collagen architecture. Further, DNAse and RNAse treatment can be given for 8-20 hours in the presence or absence of shaking. Next, the decellularized pericardium is strengthened by the use of non-glutaraldehyde cross-linking agents. A coating of biodegradable electro-spun biocompatible polymer nano-fibre can be used according to its usage before cross-linking. Finally, the engineered pericardium can be preserved in a solution of 50-90% ethanol. The container used for storage can be made up glass or any other related material.

No. of Pages: 21 No. of Claims: 9

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : DETERMINATION OF LAY UP SEQUENCE AND DETECTION OF THE MISSING PLY IN CURED FIBER REINFORCED COMPOSITE USING OPTICAL MICROSCOPE

	T-0-7-0/00	
(51) International classification	:B29C70/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE, DESIGN COMPLEX, MARATHALLI
(86) International Application No	:NA	POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)A. GNANASEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Fiber reinforced laminated composites are being used for fabricating aircraft structural components. The manufacturing route includes manual layup of prepreg layers in specific numbers and in specific order as per design requirement. This order and number is essential to meet the design performance requirements components. The layers used may be pre impregnated layers called prepregs or manual wet layup. In either case it is difficult to find the layup sequence one the component is cured. The presently followed method of ensuring the number of layers and the order of layers is by in process inspection during the layup process. In the manual process, it is possible that some layers may be missed or wrongly placed due to human error. But such errors may adversely affect the performance of the component. In case of disputes, the number of layers present is ensured indirectly by thickness and mass measurement. This method is prone to misleading results due to wide acceptable tolerance in mass and thickness of the cured laminates. Further, these measurements can not detect misplaced layers and mis-oriented layers. Previously, acid digestion of part of the laminate was attempted to verify the number of layers and layup sequence, but involves hazardous acids and chemicals. Hence, this new invention is to overcome these deficiencies.

No. of Pages: 10 No. of Claims: 6

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR CONNECTING USERS DURING THEIR FREE/ AVAILABLE TIME

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)Nichehands Technologies Pvt Ltd Address of Applicant:748, Sai Nilaya, 8th B Main Road, 21st
(33) Name of priority country (86) International Application No	:NA :NA	Cross Rd, 7th Sector, HSR Layout, Bangalore, Karnataka 560102 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)Natarajan Sengodagounder
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Abstract A system and method a system and a method for connecting users during 5 their free/ available time. The present invention provides a platform for automatically identifying the right users to connect them to have meeting, where the meeting can be extended to, during travel, stay, conferences, product shows, seminars, tourism etc. The present solution helps the users to expand their business, personal and referral, where a meeting could be organized during 10 departure, transit, stay, conference and any other common point.

No. of Pages: 20 No. of Claims: 10

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: USER TERMINAL DEVICE AND METHOD FOR CONTROLLING A RENDERER THEREOF

(51) International :H04L12/12,H04L12/16,H04W88/02

(31) Priority Document No :1020110105485 (32) Priority Date :14/10/2011

(33) Name of priority country :Republic of Korea

(86) International :PCT/KR2012/002903

Application No
Filing Date

117/04/2012

(87) International Publication No :WO 2013/054995

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :129 Samsung ro Yeongtong gu Suwon

si Gyeonggi do 443 742 Republic of Korea

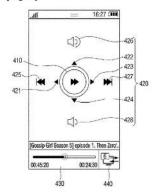
(72)Name of Inventor:
1)HONG Sung soo
2)BAHN Sahng hee
3)HWANG Chang hwan
4)PARK Jong chan
5)SUNG Ju yun

6)LEE Keum koo

(57) Abstract:

A method for controlling a renderer of a user terminal device includes selecting a renderer which shares contents transmitting contents to the selected renderer displaying a control User Interface (UI) including an object image of which position moves according to a user s touch manipulation and performing a control operation which controls the renderer in accordance with movements of the object image on the control UI. Accordingly renderer operations can be easily controlled.

[Fig. 4]



No. of Pages: 28 No. of Claims: 15

(21) Application No.1541/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF (-) -HUPERZINE A

(51) International classification :C07E (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)LAURUS LABS PRIVATE LTD Address of Applicant:2ND FLOOR, SERENE CHAMBERS ROAD, # 7, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India (72)Name of Inventor: 1)HARI KRISHNA MUDDULURU 2)PAVAN KUMAR JUJJAVARAPU 3)VENKATA LAKSHMI NARASIMHA RAO DAMMALAPATI 4)SEETA RAMANJANEYULU GORANTLA 5)SATYANARAYANA CHAVA
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(57) Abstract:

The present invention relates to an improved and cost effective process for the preparation of (-)-Huperzine A. The present invention also relates to a process for separation of enantiomers using preparative HPLC.

No. of Pages: 30 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1677/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PATIENT TABLE ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61G7/10 :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor:
Filing Date	:NA :NA	(/2)Name of inventor: 1)JOY, JOHN
(87) International Publication No	: NA	1,501,5011
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT A patient table assembly transferring a patient in a hospital environment is disclosed. The patient table assembly includes two elongated supporting members and a flexible table top. The flexible table top has two sides that are slidably engaged to the two elongated supporting members. The flexible table top is capable of receiving the patient thereon. A supporting frame is present for holding the two elongated supporting members. FIGs. 2 and 3

No. of Pages: 11 No. of Claims: 10

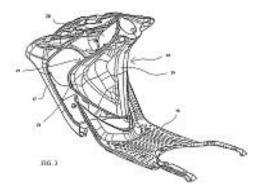
(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: GROMMET STRUCTURE FOR A LOCK

(51) International classification (31) Priority Document No	:B62K3/00 :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KESHAVAPRASAD KESHAVA DATT
(61) Patent of Addition to Application Number	:NA	2)KURMAM SHANMUKHA PRADEEP
Filing Date	:NA	3)NITHIN MADHAV
(62) Divisional to Application Number	:NA	4)YOGESH CHANDRAKANT KOTNIS
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses a scooter type motorcycle (1) comprising a front cover (16) and a rear cover (20) connected to each other and disposed in a front portion of the motorcycle. The rear cover (20) comprises a lock hole (27) configured to receive a detachable grommet member (30). The grommet member (30) comprises of a central opening (34) and a collar (35). It receives a lock set (40) from the front direction of the motorcycle and a portion of the lock set (40) is surrounded by the grommet member (30).



No. of Pages: 19 No. of Claims: 7

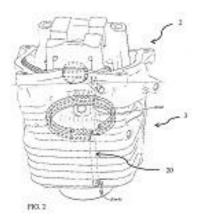
(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN INTERNAL COMBUSTION ENGINE

(51) International classification (31) Priority Document No	:F04C18/00 :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHARMAPURI NAGENDRA KUMAR
(61) Patent of Addition to Application Number	:NA	2)VETHANAYAGAM JAYAJOTHI JOHNSON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses an internal combustion engine (1) having a cooling channel (20) for cooling a cylinder head (2) and reducing the combustion noise in the cylinder head. The cooling channel (20) comprises of a lower vertical passage (21) formed in the cylinder block (3), an upper vertical passage (22) formed in the cylinder head axial with and symmetrical to the head groove (62) formed at the top surface of the cylinder block (3). The head groove (62) and the block groove (64) together develop into a cooling groove (23) for cooling a combustion chamber (6).



No. of Pages: 21 No. of Claims: 6

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: STRUCTURAL ADHESIVE AND BONDING APPLICATION THEREOF

(51) International classification :C08G59/42,C08G59/50,C09J163/00

(31) Priority Document No :61/557538 (32) Priority Date :09/11/2011 (33) Name of priority

country :U.S.A.

(86) International PCT/US2012/060975 Application No

Filing Date :19/10/2012

(87) International Publication No :WO 2013/070415

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)CYTEC TECHNOLOGY CORP.

Address of Applicant :300 Delaware Avenue Wilmington DE

19801 U.S.A.

(72)Name of Inventor:
1)SANG Junjie Jeffrey
2)KOHLI Dalip Kumar
3)SHAH Kunal Gaurang

(57) Abstract:

A structural adhesive composition that is suitable for high strength bonding of metals and aerospace structural materials. In one embodiment the structural adhesive composition based on a two part system which is curable at or below 200°F (93 °C). The two part system is composed of a resinous part (A) and a catalyst part (B) which may be stored separately at room temperature until they are ready to be used. The resinous part (A) includes at least two different multifunctional epoxy resins with different functionality selected from difunctional trifunctional and tetrafunctional epoxy resins certain toughening components and inorganic filler particles as a rheology/thixotrophy modifying component. The toughening components include core shell rubber particles with different particle sizes and at least one of an elastomeric polymer and a polyethersulfone polymer. The catalyst part (B) includes an aliphatic or cyclic amine compound as a curing agent and inorganic filler as a rheology/thixotropy modifying component. The weight ratio of part (A) to part (B) is within the range of 3:2 to 10:2. In another embodiment the structural adhesive composition is based on a one part system which includes the components of the resinous part (A) in the two part system mixed with a latent amine curing agent. The one part system may further include an imidazole and/or an aliphatic amine. The one part system is curable within the temperature range of 140 300°F (60 150°C). The paste adhesive disclosed herein has film like properties and is particularly useful in rapid assembly aerospace structure bonding applications.

No. of Pages: 33 No. of Claims: 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : AN IMPROVED METHOD TO CUT AUTOCLAVED AERATED BLOCKS FROM MOULDED CAKES

(51) International classification	:B28B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)~HBN™ AGENCIES
(32) Priority Date	:NA	Address of Applicant :1-3-183/40/70/4, Gandhi Nagar,
(33) Name of priority country	:NA	Hyderabad 500 080, India Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)V PATTABHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The invention relates to an improved method to cut autoclaved aerated blocks from moulded cakes in a cutting apparatus, the cutting apparatus consisting of a base frame having a plurality of longitudinal channels, the base frame provided with multiple gaps corresponding to the blocks to be cut, a cutting frame inserted in the base frame to allow several cutting wires to be disposed each within said gaps, and a moving mechanism causing the cutting wires to travel up and down, the upward movement of the cutting wires enabling the autoclaved cake cut along the length, the method comprising the steps of spreading a thin film on the base frame, placing the mould slidably into the base frame; locating the cake onto the slots of the frame, activating the moving mechanism for cutting the cake by passing the cutting frame with said multiple wires relatively into the slots from top to down direction, wherein relative movement between the cutting wires and the cake is achieved either by the moving cutting wire into the stationary cake or moving the cake against he stationary cutting wires, and wherein the cutting wires are oscillated at a speed in proportion to speed of the cutting the cake.

No. of Pages: 16 No. of Claims: 3

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MOULD FOR THE CONTINUOUS CASTING OF METALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/05/2012 :WO 2013/156809 :NA :NA :NA	(71)Name of Applicant: 1)KME GERMANY GMBH & CO. KG Address of Applicant: Klosterstrasse 29 49074 Osnabr ¹ / ₄ ck Germany (72)Name of Inventor: 1)LORENTO Donald Peter
Filing Date	:NA :NA	

(57) Abstract:

Continuous casting mould for casting a strand of metal having a mould cavity 2 which has a pouring opening for liquid metal and an outlet opening for the strand and having a cross section in correspondence with the basic shape of the strand wherein the cross section is at least partially superimposed by a profiling 8 8 8 8 that extends in the casting direction characterized by that the profiling 8 8 8 8 is composed of a corrugation which comprises several channels (9) extending in substantial parallel relationship from the pouring opening to the outlet opening of the mould cavity wherein the ratio of the inner circumference of the mould cavity to the width W of a channel 9 is greater than 30 and wherein the width W of the channel 9 is in the range of 1 5 mm to 30 mm.

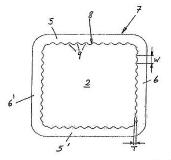


Fig. 2

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INTUMESCENT FIREPROOFING SYSTEMS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/10/2012 :WO 2013/055909 :NA :NA	(71)Name of Applicant: 1)UNITED STATES MINERAL PRODUCTS Address of Applicant :dba Isolatek International 41 Furnace Street Stanhope NJ 07874 U.S.A. (72)Name of Inventor: 1)KREH Robert Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Water based intumescent fireproofing formulations are provided that exhibit excellent fireproofing properties while simultaneously significantly reducing and/or eliminating the potential for VOC release and exhibiting excellent hangability properties. The intumescent fireproofing formulation includes a coalescent that significantly reduces and/or eliminates the potential for VOC release and fiber constituents e.g. fibers of greater than 0.2 mm in length. Exemplary coalescents have a boiling point of at least 180°C and include bis(2 ethylhexanoate) triethyleneglycol and 2 2 4 trimethyl 1 3 pentanediolmono(2 methylproponate). Intumescent fireproofing formulations are also provided that include clay to further improve performance.

No. of Pages: 33 No. of Claims: 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3471/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: FORMULATIONS USE THEREOF AS OR TO PRODUCE DISHWASHING DETERGENTS AND PRODUCTION THEREOF

(51) International classification :C11D3/00,C11D3/20,C11D3/33 (71)Name of Applicant:

(31) Priority Document No :11185825.4

(32) Priority Date :19/10/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/069040

Filing Date :27/09/2012

(87) International Publication No: WO 2013/056965

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:

1)HFFER Stephan

2)GARCIA MARCOS Alejandra

3)HARTMANN Markus

4)WEBER Heike

(57) Abstract:

The invention relates to formulations containing (A) at least one compound selected from aminocarboxylates and polyaminocarboxylates (B) at least one homopolymer or copolymer of ethyleneimine (C) sodium citrate and (D) at least one compound selected from alkali metal percarbonate alkali metal perborate and alkali metal persulfate.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A SAFETY AND AVAILABILITY MANIFOLD SYSTEM

(51) International classification	·F16K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASCO NUMATICS (INDIA) Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :57, Kundrathur Main Road,
(33) Name of priority country	:NA	Gerugambakkam, Porur, Chennai-602 101, Tamil Nadu, India
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Lakshmikantha.RJ
(61) Patent of Addition to Application Number	:NA	2)Loganathan.V
Filing Date	:NA	3)Soundharrajan.S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A safety and availability manifold system for a petroleum downstream complexes and petro-chemical industry is disclosed, the manifold system having at least one intake and at least one exhaust, the manifold system comprising at least two automatic valves coupled to one another so as to form series and parallel redundancies and at least two manual operated valves corresponding to the two automatic valves that form series and parallel redundancies the manual operated valves being operatively coupled to an automatic valve in a hot swapping manner. The manifold system further includes at least one shuttle valve operatively coupled to the two automatic valves, an actuator with a rack and pinion arrangement connected to springs attached at opposite ends is operatively connected to the shuttle valve, one or more electrically-operated pressure sensors and one or more indicators that are electrically coupled to the two automatic valves to indicate an availability status thereof.

No. of Pages: 21 No. of Claims: 10

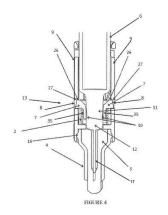
(22) Date of filing of Application :05/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CONTACT TRIGGER RELEASE NEEDLE GUARD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/11/2012 :WO 2013/070789 :NA :NA	(71)Name of Applicant: 1)SAFETY SYRINGES INC. Address of Applicant:2875 Loker Avenue East Carlsbad CA 92010 U.S.A. (72)Name of Inventor: 1)SCHOONMAKER Ryan 2)HAHN Dustin
Filing Date	:NA	

(57) Abstract:

A needle guard device mountable to a pre filled syringe in its ready to fill state. The device includes a lock collar and a device shield biased to move relative to the lock collar. The lock collar interfaces with the syringe neck to attach the device to the syringe. With the removal of a needle shield assembly comprising rigid and soft needle shields the lock collar and device shield are free to move proximally along the syringe neck and interact with a syringe step down area to activate the device. As the device moves proximally retention arms of the device shield interact with the syringe step down causing the arms to deflect radially outwards to disengage from the lock collar triggering the device shield to move from a first position to a second position.



No. of Pages: 45 No. of Claims: 30

(22) Date of filing of Application :05/05/2014

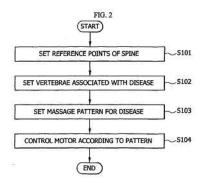
(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR SETTING MASSAGE PATTERN OF THERMOTHERAPY DEVICE

(51) International classification	:A61H39/06,A61F7/00	(71)Name of Applicant:
(31) Priority Document No	:1020110109022	1)CERAGEM CO. LTD.
(32) Priority Date	:24/10/2011	Address of Applicant: 177 14 Osaekdang ri Seonggeo eup
(33) Name of priority country	:Republic of Korea	Seobuk gu Cheonan si Chungcheongnam do 331 831 Republic of
(86) International Application No	:PCT/KR2012/008784	Korea
Filing Date	:24/10/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/062321	1)LEE Taek Seung
(61) Patent of Addition to Application	:NA	2)CHOI Sang Ui
Number	:NA	3)PARK Chang Soo
Filing Date	.TVA	4)KIM Yong Hee
(62) Divisional to Application Number	:NA	5)LEE Hea Sung
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for setting a massage pattern of a thermotherapy device and more specifically to a method for setting a massage pattern wherein the movement of a moxibustion device is patterned according to diseases so as to allow a bone of the spine associated with a disease to be intensively massaged and thus if a disease is selected a moxibustion device is operated by a motor according to the set massage pattern so as to enable an automatic customized massage according to the disease.



No. of Pages: 46 No. of Claims: 20

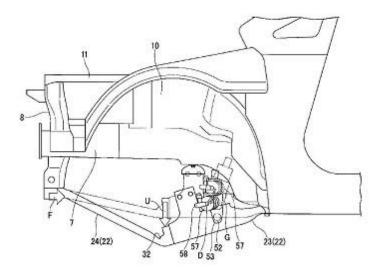
(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FRONT END STRUCTURE FOR VEHICLE

:B62D21/00,B62D25/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HONDA MOTOR CO. LTD. :2012013085 (32) Priority Date :25/01/2012 Address of Applicant: 1 1 Minami Aoyama 2 chome Minato (33) Name of priority country ku Tokyo 1078556 Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2012/082519 1)YASUI Ken Filing Date :14/12/2012 (87) International Publication No :WO 2013/111475 2)HIGUCHI Eisei (61) Patent of Addition to Application 3)IMANISHI Tomoyuki :NA 4)MIYAHARA Tetsuya :NA Filing Date 5)YOSHIDA Hiroyuki (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A front end structure for a vehicle is provided with: front side frames (7 7) a subframe (22) extending across the front end of the vehicle floor to support suspension components and an electric power braking device the subframe (22) being supported at least at the front end and the rear end and being formed in a subframe main body (23) by casting a light alloy and a pair of left and right extension arms (24 24) fixed to the subframe main body extending out in front of the subframe main body (23) and formed by press molding a light alloy or steel. A recessed portion (32) is provided in the rear portion of the extending arms (24) near the subframe main body (23) at the point where a load applied during a front end collision begins to bend the longitudinal middle portion of the subframe (22) downward.



No. of Pages: 89 No. of Claims: 14

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: IMPROVED MULTI USE OFFICE CHAIR

(51) International classification	:A61G5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(32) Priority Date	:NA	Address of Applicant :19, FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI -
(86) International Application No	:NA	600 088 Tamil Nadu India
Filing Date	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
(87) International Publication No	: NA	3)THIRUMALAI ANANDAMPILLAI APARNA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(62) Divisional to Application Number	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
Filing Date	:NA	3)THIRUMALAI ANANDAMPILLAI APARNA

(57) Abstract:

IMPROVED MUFTI USE OFFICE CHAIR The invention is a multi-use office chair Fig lwith an added adjustable joint3 with a locking handle4 between the seat & backrest for sitting or sleeping mode. The back rest has an retractable leg tubes5 on its back to support back rest in sleep mode. The seat rest has under it a sleeve 7 with a retractable leg frame 10 with a fabric. The leg frame has a leg tube0 on each side. The leg tubes are adjustable in height and have a bush 6 to fix on floor. In sleep mode, the leg framelO is pulled front, the leg tubes0 fixed on ground, back rest joint is loosened, and back rest tubes 5 are fixed on the floor. To sit, push in leg frame, retract back leg rubes5, push back rest to sitting position and lock the handle.

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTI PLANT BIOACTIVE COMPOSTING POTS

(51) International classification	:C05F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THIRUMALAI ANANDAMPILLAI APARNA
(32) Priority Date	:NA	Address of Applicant :19, FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI -
(86) International Application No	:NA	600 088 Tamil Nadu India
Filing Date	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
(87) International Publication No	: NA	3)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THIRUMALAI ANANDAMPILLAI APARNA
(62) Divisional to Application Number	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
Filing Date	:NA	3)THIRUMALAI ANANDAMPILLAI ANANDVISHNU

(57) Abstract:

This multiplant bioactive composting pot of chosen shape, size, and material has a central composting chamber (1) with two or more outer plant chambers(2) separated by a partition (4) having many root holes(5) forming soil loaded plant and waste loaded composting chambers. Each plant chamber has water drain hole (6) on the side, an inside a stem support insert (7) and is filled with soil. The compost chamber is pre-coated with composting microbes. The compost chamber has a lid (3) in rainy& snowy areas. The waste is composted in few days. The plant roots grow into partition holes (5) and suck up this nutrition for faster growth and more yields. Any excess water is drained out by water drain hole (6) on the side of the plant chamber. Series of these pots form an organic garbage garden to add nutrition and clean up air too.

No. of Pages: 8 No. of Claims: 3

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A MODIFIED ANODE/ELECTROLYTE STRUCTURE FOR A SOLID OXIDE ELECTROCHEMICAL CELL AND A METHOD FOR MAKING SAID STRUCTURE

(51) International classification: H01M4/86,H01M8/12,H01M4/88 (71)Name of Applicant:

(31) Priority Document No :PA 2011 00810 (32) Priority Date :24/10/2011 (33) Name of priority country :Denmark

(86) International Application :PCT/EP2012/070949

:23/10/2012

Filing Date (87) International Publication

:WO 2013/060669

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TECHNICAL UNIVERSITY OF DENMARK

Address of Applicant: Anker Engelundsvej 1 Building 101 A

DK 2800 Kgs. Lyngby Denmark

(72)Name of Inventor:

1)JABBAR Mohammed Hussain Abdul

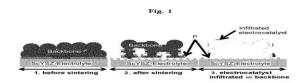
2)H~GH Jens

3)STAMATE Eugen

4)BONANOS Nikolaos

(57) Abstract:

A novel modified anode/electrolyte structure for a solid oxide electrochemical cell is an assembly comprising (a) an anode consisting of a backbone of electronically conductive perovskite oxides selected from the group of doped strontium titanates and mixtures thereof (b) a scandia and yttria stabilised zirconium oxide electrolyte and (c) a metallic and/or a ceramic electrocatalyst in the shape of interlayers incorporated in the interface between the anode and the electrolyte. This assembly is first sintered at a given temperature and then at a lower temperature in reducing gas mixtures. These heat treatments resulted in a distribution of the metallic and/or ceramic interlayers in the electrolyte/anode backbone junction taking place. The structure is prepared by (a) depositing a ceramic interlayer onto one side of the electrolyte (b) optionally applying a metallic interlayer thereon (c) repeating steps (a) and (b) (d) applying a layer of the selected anode backbone onto the electrolyte with applied interlayers (e) sintering the raw assembly and (f) infiltrating the electrocatalyst precursor into the sintered assembly and heat treating the assembly to incorporate additional electrocatalyst into the anode backbone.



No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

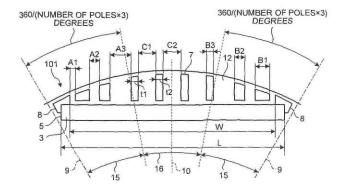
(54) Title of the invention : ROTOR OF INTERIOR PERMANENT MAGNET MOTOR COMPRESSOR AND REFRIGERATION AND AIR CONDITIONING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Printing Late Application Number 	:24/10/2011 :WO 2013/061397 :NA :NA	(71)Name of Applicant: 1)Mitsubishi Electric Corporation Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)YABE Koji 2)BABA Kazuhiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a rotor of an interior permanent magnet motor equipped with: a rotor core (2); multiple permanent magnet insertion holes (5) which are formed on the outer periphery of the rotor core (2) in the circumferential direction; permanent magnet end air spaces (8) which are formed on both sides of the respective permanent magnet insertion holes (5); permanent magnets (3) which are inserted in the respective permanent magnet insertion holes (5); and multiple slits (7) which are formed on the core section located on the outer side of the permanent magnet insertion holes (5) in the diameter direction. Within an angular range of 360/(number of poles — 3) degrees from an inter pole position (9) three or more slits (7) are present and the width of the core section between the permanent magnet end air space (8) and slit (7) and the widths of the core sections between the slits (7) are gradually increased from the inter pole position toward a magnetic pole center (10).

FIG.4



No. of Pages: 26 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MODULAR HELMET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ANNAPINDI, RAMESH Address of Applicant: 102, 2ND MAIN KORAMANGALA, 1ST BLOCK, BANGALORE 560 034 Karnataka India (72)Name of Inventor: 1)ANNAPINDI, RAMESH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT MODULAR HELMET The present subject matter provides a modular helmet and method of manufacturing thereof. The modular helmet is multipurpose, cost effective, use friendly and attachable, detachable and washable helmet. The modular helmet comprises a protective unit guarding the head of a user; atleast one socket unit; atleast one goggle assembly unit; atleast one dust protecting unit; at least one flexible strap unit and atleast one protective shade unit; wherein said units are characterized such that each unit is attachable, detachable and washable individually. Further the socket unit of the modular helmet comprises a hearing assembly unit. The hearing assembly unit is characterized by enabling a user to hear clear and precise traffic sounds without muffling the sound.

No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR DETERMINING BODY TYPE FOR THERMOTHERAPY DEVICE

(51) International classification	:A61H39/06,A61F7/00	(71)Name of Applicant:
(31) Priority Document No	:1020110109026	1)CERAGEM CO. LTD.
(32) Priority Date	:24/10/2011	Address of Applicant :177 14 Osaekdang ri Seonggeo eup
(33) Name of priority country	:Republic of Korea	Seobuk gu Cheonan si Chungcheongnam do 331 831 Republic of
(86) International Application No	:PCT/KR2012/008783	Korea
Filing Date	:24/10/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/062320	1)LEE Taek Seung
(61) Patent of Addition to Application	:NA	2)CHOI Sang Ui
Number	:NA	3)PARK Chang Soo
Filing Date	.IVA	4)KIM Yong Hee
(62) Divisional to Application Number	:NA	5)LEE Hea Sung
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for determining body conditions for a thermotherapy device and more specifically to a method for determining body types for a thermotherapy device comprising: scanning the entire backbone of a user by operating a moxibustion device via a control portion using a horizontal motor; calculating the backbone length of the body by measuring the operation current of the horizontal motor; and precisely detecting the location of the cervical vertebrae the thoracic vertebrae the lumbar vertebrae and the coccyx constituting the backbone respectively to calculate the places on the body suitable for acupuncture and to use the places for thermotherapy.

No. of Pages: 33 No. of Claims: 6

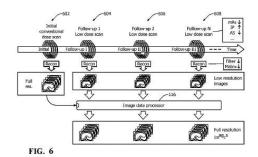
(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: IMAGE DATA PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06T3/40 :61/555211 :03/11/2011 :U.S.A. :PCT/IB2012/055967 :29/10/2012 :WO 2013/064958 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)GOSHEN Liran
- 10		
Filing Date	:NA	

(57) Abstract:

An image data processor(116) includes a high resolution restorer (218) configured to restore a voxel neighborhood of a voxel in first image data to a higher resolution generating restored higher resolution image data based on a corresponding voxel neighborhood of second higher resolution image data wherein the second higher resolution image data has higher resolution than the first image data.



No. of Pages: 25 No. of Claims: 24

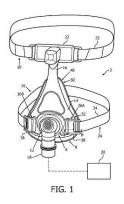
(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PATIENT INTERFACE HAVING HEADGEAR POST FOR CLIP OR STRAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61M16/06 :61/555095 :03/11/2011 :U.S.A. :PCT/IB2012/055898 :26/10/2012 :WO 2013/064950 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)ROTHERMEL Justin Edward
(61) Patent of Addition to Application		

(57) Abstract:

An improved patient interface has a post to which can alternatively be attached a clip or a strap. A strap apparatus includes a clip mounted at an end of a strap but if the clip is lost the strap can itself be mounted to the post.



No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR INTERACTIVE IMAGE ANNOTATION

(51) International classification	:G06T7/00	(71)Name of Applicant:
(31) Priority Document No	:61/557008	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:08/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/055997	(72)Name of Inventor:
Filing Date	:30/10/2012	1)BUELOW Thomas
(87) International Publication No	:WO 2013/068881	2)MEETZ Kirsten
(61) Patent of Addition to Application	:NA	3)BERGTHOLDT Martin
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system 100 for enabling interactive annotation of an image 102 comprising a user input 160 for receiving a placement command 162 from a user the placement command being indicative of a first placement location of a marker 140 in the image 102 and a processor 180 arranged for (i) applying an image processing algorithm to a region 130 in the image the region being based on the first placement location and the image processing algorithm being responsive to image portions which visually correspond to the marker 140 for establishing a plurality of match degrees between on the one hand the marker and on the other hand a plurality of image portions within the region (ii) establishing a second placement location in dependence on the plurality of match degrees and the respective plurality of image portions for matching the marker 140 to the region in the image and (iii) placing the marker 140 at the second placement location in the image 102.

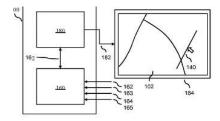


Fig. 1

No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR DYNAMIC AND CONFIGURABLE L2/L3 DATA - PLANE IN FPGA

(51) International classification :G06F21/(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)TEJAS NETWORKS LIMITED Address of Applicant:PLOT NO. 25, JP SOFTWARE PARK, ELECTRONICS CITY, PHASE-1, HOSUR ROAD, BANGALORE - 560 100 Karnataka India (72)Name of Inventor: 1)VINAYAK BHAT 2)LIKHIT KULKARNI 3)ANUJ KUMAR SRIVASTAVA 4)SACHIN KASHYAP 5)ABHIJIT DAS 6)RAVISHANKAR KUMARASWAMY
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(57) Abstract:

The embodiments of the present invention provide a system and method for providing multi-processor data plane architecture. The method for comprises selecting several processing units for performing an egress data process and an ingress data process. A number of processing units is selected for performing an egress data process based on a type of switch and data rate. Several processing pipes are provided for each processing unit. Each processing pipe is divided into several processing stages based on a number of lookup tables used in the egress data process and the ingress data process to absorb a response time of a memory device. The data is stored in several databases in each processing unit, and the databases are copied into several banks to increase an access time with a storage device, like DDR-SDRAM. Several headers are resynchronized using a fixed delay time through an ACL unit.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

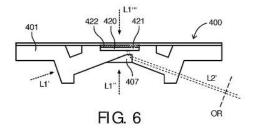
(54) Title of the invention: PARALLEL OPTICAL EXAMINATIONS OF A SAMPLE

(51) International (71)Name of Applicant: :G01N21/03,G01N21/25,G01N21/55 1)KONINKLIJKE PHILIPS N.V. classification (31) Priority Document No :61/555025 Address of Applicant : High Tech Campus 5 NL 5656 AE (32) Priority Date :03/11/2011 Eindhoven Netherlands (72) Name of Inventor: (33) Name of priority :U.S.A. country 1)NEIJZEN Jacobus Hermanus Maria (86) International 2)DITTMER Wendy Uyen :PCT/IB2012/055973 Application No :29/10/2012 Filing Date (87) International :WO 2013/064961 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(57) Abstract:

Filing Date

The invention relates to a cartridge(400) a sensor device and a method for the optical examination of a sample. A first output light beam that originates from a total internal reflection at a detection surface of a TIR chamber and a second output light beam(L2) that comes from the interior of an inspectable chamber(420) are both received within an observation region(OR). Preferably these output light beams are detected with the same light detector e.g. an image sensor. The invention hence allows for observing a total internal reflection at the TIR chamber and for looking into the inspectable chamber(420) from the same observation region(OR). This is for example enabled by different inclinations of the windows encountered by the first and the second output light beams by different optical elements(407) in the paths of the output light beams and/or by light scattering surface structures in the inspectable chamber.



:NA

No. of Pages: 24 No. of Claims: 15

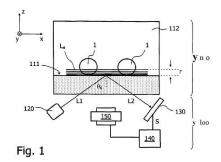
(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DETECTION OF SURFACE BOUND MAGNETIC PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:31/10/2012 :WO 2013/064990 :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)VAN ZON Joannes Baptist Adrianus Dionisius 2)VAN LIESHOUT Ron Martinus Laurentius
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and a sensor device (100) for the detection of magnetic particles (1) bound to the binding surface (111) of a sample chamber (112) wherein said detection is made during and/or immediately after the action of an attractive magnetic field. Preferably the attractive magnetic field (B) is preceded by a repulsive magnetic field (B) which removes unbound magnetic particles away from the binding surface (111). Due to the attractive magnetic field (B) bound magnetic particles (1) come closer to the binding surface (111) which increases the signal of surface specific detection techniques like frustrated total internal reflection. A further enhancement of the signal can be achieved by an attractive magnetic field that is parallel to the binding surface (111) thus inducing the generation of chains between unbound and bound magnetic particles.



No. of Pages: 18 No. of Claims: 14

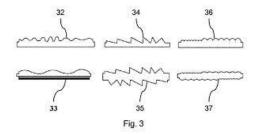
(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LIGHT SHAPING OPTICAL ELEMENT

(51) International classification	:F21V5/00	(71)Name of Applicant:
(31) Priority Document No	:61/556903	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:08/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/055812	(72)Name of Inventor:
Filing Date	:23/10/2012	1)DINGEMANS Antonius Petrus Marinus
(87) International Publication No	:WO 2013/068865	2)VISSENBERG Michel Cornelis Josephus Marie
(61) Patent of Addition to Application	:NA	3)BOONEKAMP Erik Paul
Number	:NA	4)PASVEER Willem Franke
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a light emitting arrangement (20) comprising a light source (22) and a scattering member (24). The scattering member (24) is arranged in a three dimensional shape in front of the light source (22) in a light output direction. Different regions of the scattering member have different optical characteristics to provide a desired total light output in respect of brightness level scattering function and beam shape.



No. of Pages: 20 No. of Claims: 15

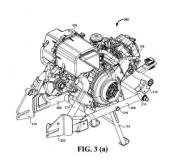
(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: REAR SUSPENSION SYSTEM FOR SCOOTER TYPE VEHICLE

(51) International classification	:B62K3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BALAGURU, SRIDHAR
(61) Patent of Addition to Application Number	:NA	2)NARAHARISETTI, RAMAKRISHNA
Filing Date	:NA	3)KHANDUAL, ANURAG
(62) Divisional to Application Number	:NA	4)MANIKKARAJ, MANOJKUMAR
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses a swing arm assembly (100) for a scooter-type vehicle (100). The swing arm assembly (300) disclosed herein includes a a swing arm (102) having a first arm (206), and a second arm (208) disposed substantially parallel to longitudinal axis of the vehicle (100). An extended arm (214) disposed substantially inclined to the longitudinal axis of the vehicle (100) is provided. At least one support bracket (306, 308) is disposed substantially perpendicular to the first arm (206) laterally separating the second arm (208) from the first arm (206). A plurality of mounting brackets (310-1, 310-2, 310-3, 310-4, 310-5, 310-6) are disposed on the at least one support bracket (306, 308) and the extended arm (214) for mounting an internal combustion engine (108). <To be published with Fig. 3 (a)>



No. of Pages: 29 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3416/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :06/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: ELECTROMAGNETIC STEEL SHEET

(51) International :C22C38/00,C22C38/02,C22C38/60

classification (31) Priority Document No :2012015053

(32) Priority Date :27/01/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/051200

:22/01/2013

Filing Date

(87) International Publication :WO 2013/111751

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1) JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor: 1)IMAMURA Takeshi

2)TAKASHIMA Minoru 3)HIRATANI Tatsuhiko

(57) Abstract:

An electromagnetic steel sheet which can be excited at a high frequency and has a core having improved direct current superimposition properties. The electromagnetic steel sheet has an element composition comprising less than 0.010 mass% of C 1.5 to 10 mass% of Si and a remainder made up by Fe and unavoidable impurities wherein the main orientation in the aggregate structure of the steel sheet is <111>//ND and the random strength ratio in the main orientation is 5 or more preferably the random strength ratio in the orientation of $\{111\}<112>$ is 10 or more more preferably the random strength ratio in the orientation of $\{310\}<001>$ is 3 or less and still more preferably the Si concentration has such a concentration gradient that the Si concentration is higher on a front surface layer side and is lower in the center part when observed in the thickness direction wherein the maximum value of the Si concentration is 5.5 mass% or more and the difference between a highest value and a lowest value of the Si concentration is 0.5 mass% or more.

No. of Pages: 19 No. of Claims: 5

THEREFOR

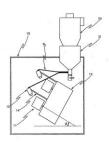
(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR DEBURRING CORE MEMBERS OF ELECTRONIC COMPONENTS AND DEVICE

(51) International classification	:B24C1/00,B24C1/04,B24C3/28	(71)Name of Applicant:
(31) Priority Document No	:2012004284	1)SINTOKOGIO LTD.
(32) Priority Date	:12/01/2012	Address of Applicant:11 11 Nishiki 1 chome Naka ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4600003 Japan
(86) International Application No.	:PCT/JP2012/072855	(72)Name of Inventor:
Filing Date	:07/09/2012	1)SAKAI Shigekazu
(87) International Publication No	:WO 2013/105301	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are a method for reliably deburring members of small electronic components in large quantities at a time so as not to cause cracking and chipping in the members and a device therefor. A deburring method for removing protrusion shaped burrs generated in gaps between a plurality of flanges of a core member produced from bulk ceramics and provided with the plurality of flanges. First a large number of core members are put into a closed end cylindrical tumbler having an opening at one end and closed at the other end. Then the large number of core members are stirred by rotating the tumbler. A jet of gas in which injection materials smaller than the gaps between the flanges is mixed is injected toward the protrusion shaped burrs generated in the gaps between the plurality of flanges of at least the core members through the opening. Thereafter the injection materials are discharged to the outside of the tumbler through a through hole provided in the wall surface of the tumbler.



No. of Pages: 40 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3510/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INJECTION APPARATUS

(51) International classification :B29C45/53,B22D17/32,B29C45/76

(31) Priority Document No :2011230015 (32) Priority Date :19/10/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/075525

No :02/10/2012

Filing Date

(87) International Publication :WO 2013/058103

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
:NA
Number
:NA

Filing Date

(71)Name of Applicant:

1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant : 2 1 Toyoda cho Kariya shi Aichi

4488671 Japan

(72)Name of Inventor:

1)YAMAGUCHI Kazuyuki

(57) Abstract:

This injection apparatus performs a low speed step a high speed step and a pressure increasing step and injects and fills the inside of a mold with a molding material. The injection apparatus is provided with a high speed step cylinder a pressure accumulation part and a coupling mechanism. The high speed step cylinder has a rod and an operating chamber that operates during the high speed step. The coupling mechanism is capable of switching between a coupled state in which the movement of the rod is restricted by the operating pressure of the pressure accumulation part and a non coupled state in which the coupled state is released so as to enable the rod to move due to the operating pressure. The coupling mechanism includes a first coupling member a second coupling member and a drive source. The coupling mechanism is kept in the coupled state from a standard coupled state to a state in which the second coupling member is rotated to less than 90° in either a forward or reverse direction by the drive source. When the second coupling member is forced to rotate by the driving source in the coupled state the first coupling member rotates such that a first contact surface is in contact with a second contact surface.

No. of Pages: 40 No. of Claims: 5

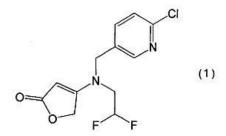
(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PEST CONTROL COMPOSITION AND METHOD FOR CONTROLLING PESTS

(51) International (71) Name of Applicant: :A01N43/40,A01N37/24,A01N43/16 classification 1)SUMITOMO CHEMICAL COMPANY LIMITED (31) Priority Document No :2011228647 Address of Applicant: 27 1 Shinkawa 2 chome Chuo ku Tokyo (32) Priority Date :18/10/2011 1048260 Japan (72)Name of Inventor: (33) Name of priority :Japan country 1)FUKUCHI Atsushi (86) International 2)TOKORO Naomi :PCT/JP2012/077168 Application No :15/10/2012 Filing Date (87) International :WO 2013/058391 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention relates to a pest control composition comprising: a compound represented by formula (1); tricyclazole; and at least one type of compound selected from group (A) consisting of flutolanil pencycuron N [2 (1 3 dimethylbutyl)phenyl] 1 3 dimethyl 5 fluoro 1H pyrazole 4 carboxamide furametpyr and validamycin A. This pest control composition has excellent efficacy in controlling pests.



No. of Pages: 40 No. of Claims: 7

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: WIDEBAND ANTENNA

(51) International classification: H01Q1/52,H01Q9/28,H01Q21/26 (71) Name of Applicant: :11360051.4 (31) Priority Document No (32) Priority Date :15/11/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/004607 No

:05/11/2012 Filing Date

(87) International Publication :WO 2013/072023

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)ALCATEL LUCENT

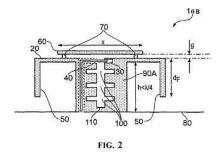
Address of Applicant :3 avenue Octave Grard F 75007 Paris

(72) Name of Inventor:

1)KOKKINOS Titos

(57) Abstract:

Wideband antennas a wideband antenna assembly and a method are disclosed. One wideband antenna comprises at least one dipole arm base (90A) to be received by a ground plane (80) and supporting at least one dipole arm (20) fed by a dipole arm feed (40) said dipole arm base being dimensioned to provide less than a quarter wavelength separation between said ground plane and said dipole arm said dipole arm base having apertures (100) to provide a quarter wavelength effective electrical length between said ground plane and said dipole arm feed. Through this approach it can be seen that the height of the antenna can be reduced whilst still maintaining its correct operation by providing slots to increase the effective electrical length.



No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: INJECTION APPARATUS

(51) International :B22D17/32,B29C45/53,B29C45/77

the first and second units is mechanically coupled to the second unit.

classification (31) Priority Document No :2011230016 (32) Priority Date :19/10/2011

(33) Name of priority country: Japan

(86) International Application: PCT/JP2012/075526

:02/10/2012

Filing Date

(87) International Publication :WO 2013/058104

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

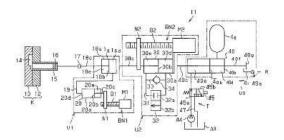
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2 1 Toyoda cho Kariya shi Aichi

4488671 Japan

(72)Name of Inventor:

1)YAMAGUCHI Kazuyuki 2)FUNAHASHI Kazuki

This injection device injects and fills the inside of a mold with a molding material and increases the pressure. The injection apparatus is provided with a unit for a low speed step a unit for a high speed step a unit for a pressure increasing step and an injection plunger. A rod of a first unit which is any one of the three units is mechanically coupled to the injection plunger. A rod of a second unit which is one of the two units other than the first unit is mechanically coupled to the first unit. A rod of a third unit which is the unit other than



No. of Pages: 34 No. of Claims: 5

(22) Date of filing of Application :09/05/2014

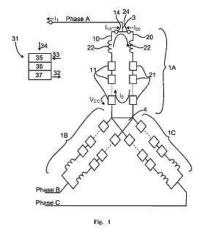
(43) Publication Date: 09/10/2015

(54) Title of the invention : A MULTILEVEL CONVERTER AND A METHOD FOR CONTROLLING MULTILEVEL CONVERTER INCLUDING BALANCING CELL VOLTAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/18,H02J3/26 :NA :NA :NA :PCT/EP2011/067949 :14/10/2011 :WO 2013/053399 :NA :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich Switzerland (72)Name of Inventor: 1)HASLER Jean Philippe 2)MONGE Mauro
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(57) Abstract:

A multilevel converter and a method for controlling a multilevel converter is provided. The multilevel converter is a single phase converter with one phase leg (1) or a three phase converter with three phase legs (1A C) the phase legs of the three phase converter are interconnected in a star configuration. The (1) or each (1A C) phase leg comprises switching cells (11 21) and each switching cell (11 21) comprises semi conductor switches (41 51) arranged to selectively provide a connection to a corresponding energy storage element (42 52). The converter also includes a controller (31) which is provided to monitor the DC voltage (VDC) of the energy storage elements (42 52) and the controller (31) is provided to control the switching of each switching cell (11 21). The phase leg (1) of the single phase converter or each phase leg (1A C) of the three phase converter comprises two parallel branches (10 20) of switching cells (11 21) the branches (10 20) being configured in a closed circuit. The method includes monitoring (105) the voltage levels of each of the energy storage elements and balancing (107) the voltages of the energy storage elements wherein the balancing includes circulating a current (104 107) within the two branches of the (1) or each (1A C) phase leg of the multilevel converter.



No. of Pages: 20 No. of Claims: 14

(22) Date of filing of Application :07/05/2014

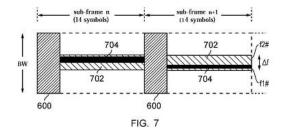
(43) Publication Date: 09/10/2015

(54) Title of the invention: TELECOMMUNICATIONS SYSTEMS AND METHODS FOR MACHINE TYPE COMMUNICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L5/00 :1121767.6 :19/12/2011 :U.K. :PCT/GB2012/053157 :17/12/2012 :WO 2013/093437	(71)Name of Applicant: 1)SCA IPLA HOLDINGS INC Address of Applicant:550 Madison Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)BEALE Martin
(87) International Publication No (61) Patent of Addition to Application	:WO 2013/093437 :NA	
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for communicating data between a base station and a terminal device in a wireless telecommunications system is described for example an LTE based system. The wireless communication system uses a plurality of frequency sub carriers spanning a system frequency band. Physical layer control information for the terminal device is transmitted from the base station using sub carriers selected from across the system frequency band for example to provide frequency diversity. However higher layer data for the terminal device is transmitted using only sub carriers selected from within a restricted frequency band which is smaller than and within the system frequency band. The terminal device is aware of the restricted frequency band and as such need only buffer and process data within this restricted frequency band during periods where higher layer data is being transmitted. The terminal device buffers and processes the full system frequency band during periods when physical layer control information is being transmitted. Thus a terminal device may be incorporated in a network in which physical layer control information is transmitted over a wide frequency range but only needs to have sufficient memory and processing capacity to process a smaller range of frequencies for the higher layer data.



No. of Pages: 51 No. of Claims: 35

(22) Date of filing of Application :07/05/2014

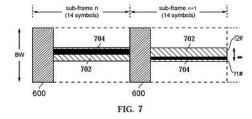
(43) Publication Date: 09/10/2015

(54) Title of the invention: TELECOMMUNICATIONS SYSTEMS AND METHODS FOR MACHINE TYPE COMMUNICATION

(51) International classification (31) Priority Document No	:H04L5/00 :1121766.8	(71)Name of Applicant: 1)SCA IPLA HOLDINGS INC
(32) Priority Date	:19/12/2011	Address of Applicant :550 Madison Avenue New York New
(33) Name of priority country	:U.K.	York 10022 U.S.A.
(86) International Application No	:PCT/GB2012/053156	(72)Name of Inventor:
Filing Date	:17/12/2012	1)BEALE Martin
(87) International Publication No	:WO 2013/093436	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for communicating data between a base station and a terminal device in a wireless telecommunications system is described for example an LTE based system. The wireless communication system uses a plurality of frequency sub carriers spanning a system frequency band. Physical layer control information for the terminal device is transmitted from the base station using sub carriers selected from across the system frequency band for example to provide frequency diversity. However higher layer data for the terminal device is transmitted using only sub carriers selected from within a restricted frequency band which is smaller than and within the system frequency band. The terminal device is aware of the restricted frequency band and as such need only buffer and process data within this restricted frequency band during periods where higher layer data is being transmitted. The terminal device buffers and processes the full system frequency band during periods when physical layer control information is being transmitted. Thus a terminal device may be incorporated in a network in which physical layer control information is transmitted over a wide frequency range but only needs to have sufficient memory and processing capacity to process a smaller range of frequencies for the higher layer data.



No. of Pages: 50 No. of Claims: 35

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: A PROCESS FOR PRODUCING AROMATIC CARBONATES

(51) International classification: C07C68/06, C07C69/96, B01D3/00 (71) Name of Applicant:

:61/567866 (31) Priority Document No (32) Priority Date :07/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/067979

No :05/12/2012

Filing Date

(87) International Publication :WO 2013/086016

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1) SHELL INTERNATIONALE RESEARCH

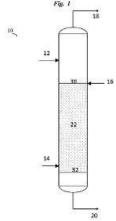
MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands (72) Name of Inventor:

1)VAPORCIYAN Garo Garbis

This invention provides a method for producing an alkylaryl carbonate comprising: a) contacting a stream comprising an aromatic hydroxy compound and a stream comprising a dialkylcarbonate in a reactive distillation column containing a bed of heterogeneous transesterification catalyst the bed having a top and a bottom; and b) withdrawing a product stream comprising the alkylaryl carbonate from the reactive distillation column wherein the aromatic hydroxy compound is fed to the column at a first feed point located above the top of the catalyst bed. This invention further provides an apparatus suitable for carrying out this method.



No. of Pages: 17 No. of Claims: 16

(21) Application No.1740/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A PILLION HANDLE FOR A STEP THOROUGH VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:B62J1/00 :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country (86) International Application No	:NA :NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VENKATESH GOVINDARAJAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)GURAVAIAH ANUMALASETTY 3)AMIT RAJWADE
(62) Divisional to Application Number	:NA	4)MUHAMMED ALTAF MAKANDAR
Filing Date	:NA	

(57) Abstract:

Given description discloses an improved profile for the pillion handle such that it goes along with the body posture of the pillion rider. In this invention primary imaginary tangent line over the rear portion of the vehicle seat is aligned with a secondary imaginary line drawn over the topmost surface of the pillion handle. In the claimed invention, upper level of the pillion handle is located below the back bone level of the pillion rider and hence the rider gets more space for movement in extreme conditions like braking, jerks etc.

No. of Pages: 10 No. of Claims: 3

(22) Date of filing of Application :06/05/2014 (43) I

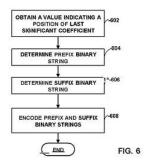
(43) Publication Date: 09/10/2015

(54) Title of the invention: PROGRESSIVE CODING OF POSITION OF LAST SIGNIFICANT COEFFICIENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/557317 :08/11/2011 :U.S.A. :PCT/US2012/063707 :06/11/2012 :WO 2013/070604 :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)CHIEN Wei Jung 2)SOLE ROJALS Joel 3)KARCZEWICZ Marta 4)JOSHI Rajan Laxman
(61) Patent of Addition to Application		

(57) Abstract:

22A video encoder is configured to determine a first and second binary string for a value indicating the position of the last significant coefficient within a video block of size T. A video decoder is configured to determine a value indicating the position of a last significant coefficient within a video block of size T based on a first and second binary string. In one example the first binary string is based on a truncated unary coding scheme defined by a maximum bit length defined by $2\log(T)$ 1 and the second binary string is based on a fixed length coding scheme defined by a maximum bit length defined by $\log(T)$ 2.



No. of Pages: 55 No. of Claims: 51

(21) Application No.3520/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADHESIVE FILM

(51) International classification(31) Priority Document No(32) Priority Date	:C09J7/02,C09J11/00,H01L51/52 :1020110118477 :14/11/2011	 (71)Name of Applicant: 1)LG CHEM LTD. Address of Applicant: 128 Yeoui daero Yeongdeungpo gu
(33) Name of priority country	:Republic of Korea	Seoul 150 721 Republic of Korea
(86) International Application No Filing Date (87) International Publication No	:PCT/KR2012/009621 :14/11/2012 :WO 2013/073848	(72)Name of Inventor: 1)YOO Hyun Jee 2)CHANG Suk Ky 3)SHIM Jung Sup 4)CHO Yoon Gyung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)LEE Seung Min
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application relates to an adhesive film which can be used for sealing or encapsulating an organic electronic element. An illustrative example of an adhesive film may comprise an adhesive layer on the surface thereof having one or more grooves for discharging air.

No. of Pages: 36 No. of Claims: 19

(22) Date of filing of Application :09/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR CONTINUOUSLY WINDING A STRAND SHAPED WINDING MATERIAL

(51) International :B65H51/20,B65H59/38,B65H67/048

classification .B03H3H20,B03H39/30,B03H0

(31) Priority Document No :10 2011 116 156.6

(32) Priority Date :14/10/2011 (33) Name of priority

country :Germany

(86) International :PCT/EP2012/069650

Application No :04/10/2012

Filing Date .04/10/2012

(87) International Publication No :WO 2013/053634

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to
Application Number
:NA
:NA

(71)Name of Applicant:

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :Leverkuser Strasse 65 42897

Remscheid Germany (72)Name of Inventor:

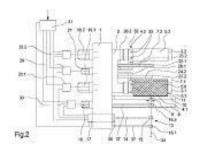
1)GR-TZSCHEL Jochen

2)KROLL Peter
3)STEINKE Peter
4)SEIFERT J¹/₄rgen
5)RUST Andreas

(57) Abstract:

Filing Date

The invention relates to a method and to a device for continuously winding a strand shaped winding material (34) into spools (6). The spools (6) are alternately wound on two winding spindles (3.1 3.2) retained on a winding revolver (2) wherein the winding spindles (3.1 3.2) are driven by two separate spindle drives (19.1 19.2). In order to maintain a constant winding speed during the winding of the spools a movable jockey arm (14) of a jockey arm apparatus (13) is provided which jockey arm produces a loop having a slack (35) on the fed winding material (34). The slack of the loop of the winding material is used to control a spindle rotational speed of one of the winding spindles. The winding spindles are arranged on a winding revolver that by means of a rotational motion guides the winding spindles alternately between a changing position and an operating position for transferring the winding material. According to the invention in order to ensure an even acceptance of the fed winding material during a changing phase a rotational motion or a rotational speed of the winding revolver is controlled according to the slack of the loop of the winding material. For that purpose the revolver drive (21) of the winding revolver (2) is coupled to a rotational speed control unit (17) of the jockey arm apparatus (13).



No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MASTERBATCH FOR MANUFACTURING AN INSULATING LAYER OF AN ELECTRIC CABLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08L23/08,C08K5/00,H01B3/00 :11.59597 :24/10/2011 :France	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420 Rue dEstienne dOrves F 92700 Colombes France
(86) International Application No Filing Date (87) International Publication	:PCT/FR2012/052389 :19/10/2012 :WO 2013/060969	(72)Name of Inventor:1)DEFRANCISCI Alfredo2)PALLUAULT Vincent
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a masterbatch consisting essentially of an ethylene copolymer (A) and at least one ethylene comonomer having at least one polar group an organic peroxide (B) and an anti oxidant (C) the organic peroxide (B) accounting for 0.2 to 100 parts by weight for 100 parts by weight of the copolymer (A) and the anti oxidant accounting for 0.02 to 50 parts by weight for 100 parts by weight of the copolymer (A). The invention also relates to methods for preparing the masterbatch and to the uses of said masterbatch for manufacturing insulating layers for electric cables and for limiting or preventing the water tree phenomenon for electric cables.

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SMITHA: SCALABLE MODULAR INTERCONNECT FOR THREE DIMENSIONAL HIGH PERFORMANCE APPLICATION - A NEW 3D TOPOLOGY FOR NOC BASED SYSTEMS

(51) International classification	:H01L25/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SANJU V
(32) Priority Date	:NA	Address of Applicant :ASSO. PROF, DEPT OF CSE, NITTE
(33) Name of priority country	:NA	MEENAKSHI INSTITUTE OF TECHNOLOGY, YELAHANKS,
(86) International Application No	:NA	BANGALORE Karnataka India
Filing Date	:NA	2)NIRANJAN CHIPLUNKAR
(87) International Publication No	: NA	3)P. VENKATA KRISHNA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJU V
(62) Divisional to Application Number	:NA	2)NIRANJAN CHIPLUNKAR
Filing Date	:NA	3)P. VENKATA KRISHNA

(57) Abstract:

ABSTRACT OF THE INVENTION Network on chip is establishing itself as interconnect for high performance multi core systems. Currently the systems are realized using two dimensional topologies like mesh, torus etc. Research outcome in fabrication technology is reducing the feature size of silicon processes which enables more logic to be implanted on silicon. This was well complemented with improvement in packaging technology which led to vertical stacking of logic to form of three dimensional structures. This note introduces a new three dimensional topology - SMITH A: Scalable Modular Interconnect for Three dimensional High performance Applications. The note discusses the routing algorithm also.

No. of Pages: 6 No. of Claims: 1

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IN SITU CROSS LINKABLE POLYMERIC COMPOSITIONS AND METHODS THEREOF

(51) International :A61K47/30,A61K47/36,A61L15/22 classification

(31) Priority Document No :61/559110 (32) Priority Date :13/11/2011 (33) Name of priority :U.S.A. country

(86) International :PCT/US2012/064670

Application No :12/11/2012 Filing Date

(87) International Publication: WO 2013/071235

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71) Name of Applicant:

1)SUNERIS INC.

Address of Applicant: 180 Hardenburgh Road Pine Bush NY

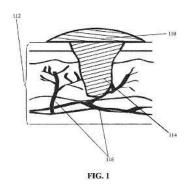
12566 U.S.A.

(72) Name of Inventor:

1)LANDOLINA Joseph A.

(57) Abstract:

A biocompatible polymeric composition for cross linking in situ in a wound is disclosed comprising 1) one or more polyanionic polymers such as alginates or hyaluronates able to be cross linked the surface of the wound and 2) one or more polycationic polymers such as chitosan or DEAE Dextran that assists in the solidification process as well as speeds up hemostasis without the need for applying pressure. The biocompatible polymeric composition may further comprise a cross linking agent such as aqueous calcium chloride. The invention encompasses an initial polymeric composition the solidified matrix cross linked and integrated at the wound site including the methods of using applying and cross linking the composition.



No. of Pages: 18 No. of Claims: 21

(22) Date of filing of Application :09/05/2014

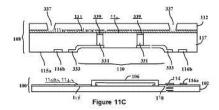
(43) Publication Date: 09/10/2015

(54) Title of the invention: THIN BACK GLASS INTERCONNECT

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:13/306284	1)QUALCOMM MEMS TECHNOLOGIES INC.
(32) Priority Date	:29/11/2011	Address of Applicant :5775 Morehouse Drive San Diego CA
(33) Name of priority country	:U.S.A.	92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/067120	(72)Name of Inventor:
Filing Date	:29/11/2012	1)SHENOY Ravindra V.
(87) International Publication No	:WO 2013/082315	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure provides systems methods and apparatus for providing packaged microelectromechanical systems (MEMS) devices. In one aspect package can include a cover glass joined to a device substrate the cover glass including integrated electrical connectivity and configured to encapsulate one or more MEMS devices on the device substrate. The cover glass can include one or more spin on glass layers and electrically conductive routing and interconnects. The package can include a narrow seal surrounding the one or more encapsulated MEMS devices.



No. of Pages: 76 No. of Claims: 30

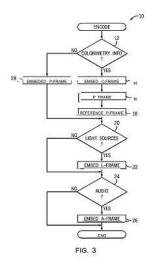
(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PERCEPTUAL MEDIA ENCODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/24 :NA :NA :NA :PCT/US2011/062600 :30/11/2011 :WO 2013/081599 :NA :NA :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 Mission College Boulevard Santa Clara CA 95052 U.S.A. (72)Name of Inventor: 1)KRIG Scott A.
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(57) Abstract:

Conventional encoding formats that use I frames P frames and B frames for example may be augmented with additional metadata that defines key colorimetric lighting and audio information to enable a more accurate processing at render time and to achieve better media playback.



No. of Pages: 17 No. of Claims: 30

(22) Date of filing of Application :09/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: SELECTIVELY PRESENTING ADVERTISEMENTS TO A CUSTOMER OF A SERVICE BASED ON A PLACE MOVEMENT PATTERN PROFILE

(51) International :G06Q30/02,H04L29/08,H04W4/20 classification

(31) Priority Document No :61/566897 (32) Priority Date :05/12/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/068002

No

:05/12/2012 Filing Date

(87) International Publication: WO 2013/086028

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71) Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)BILANGE Eric P. 2)HEIDT Ian R.

(57) Abstract:

In an embodiment a first communications device (170; 200; 400) monitors (505; 705; 1005) movement of a customer that subscribes to a service of a vendor determines (505; 705; 1005) based on the monitoring a list of places that are habitually visited by the customer within a threshold period of time of each other and generates (505; 705; 1005) a place movement pattern profile (PMPP). In another embodiment a second communications device (170; 200; 400) determines (515; 730; 1040) advertisement campaign rules for presentation of advertisements for the service based on the PMPP detects detecting (520; 805 810; 915A; 935A; 935B; 1110A; 1130A; 1110B; 1125B) that the customer is engaged in a visit to the list of places in a manner consistent with the PMPP and delivers (520; 820 825; 950A; 940B; 1150A; 1140B) advertisements to the customer on behalf of the vendor based upon the advertisement campaign rules in response to the detection. The first and second communications devices can be the same or different and can each correspond to a server (170; 400) or a mobile device (200; 400) operated by the customer.



No. of Pages: 55 No. of Claims: 15

(21) Application No.3463/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : RNAI AGENTS COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES

(51) International

:C07H21/00,C12N15/113,A61K31/7088

classification

(31) Priority Document :61/561710

No

(32) Priority Date :18/11/2011

(33) Name of priority country

(86) International

Application No :PCT/US2012/065691

:U.S.A.

Filing Date :16/11/2012

(87) International

Publication No :WO 2013/075035

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application Number Filing Date :NA (71) Name of Applicant:

1)ALNYLAM PHARMACEUTICALS INC.

Address of Applicant :300 Third Street 3rd Floor Cambridge

MA 02142 U.S.A.

(72) Name of Inventor:

1)RAJEEV.kallanthottathil G.

2)ZIMMERMANN Tracy

3)MANOHARAN Muthiah

4)MAIER Martin

5) KUCHIMANCHI Satyanarayana

6)CHARISSE Klaus

(57) Abstract:

The present invention provides RNAi agents e.g. double stranded RNAi agents that target the transthyretin (TTR) gene and methods of using such RNAi agents for treating or preventing TTR associated diseases.

No. of Pages: 614 No. of Claims: 114

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A LOW COST AND HIGH ACTIVITY HYDROPROCESSING CATALYST

(51) International classification: B01J27/19,B01J35/10,C10G45/08 (71) Name of Applicant: (31) Priority Document No 1) SHELL INTERNATIONALE RESEARCH :13/283389 (32) Priority Date :27/10/2011 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The :U.S.A. Hague Netherlands (86) International Application :PCT/US2012/061845 (72) Name of Inventor: No :25/10/2012 Filing Date 1)BHAN Opinder Kishan (87) International Publication :WO 2013/063219 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

25A catalyst for hydrotreating heavy hydrocarbon feedstocks that comprises a calcined particle comprising a co mulled mixture made by co mulling an inorganic oxide material molybdenum trioxide a nickel compound and phosphorus pentoxide (PO) solid forming said co mulled mixture into a particle and calcining said particle to thereby provide said calcined particle.

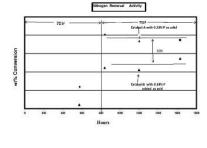


Fig. 1

No. of Pages: 24 No. of Claims: 13

(21) Application No.3465/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MODIFIED RNAI AGENTS

(51) International :C12N15/11,C12N15/113,A61K31/7125 classification

:PCT/US2012/065601

:16/11/2012

(31) Priority Document :61/561710

(32) Priority Date

:18/11/2011 (33) Name of priority :U.S.A. country

(86) International

Application No

Filing Date

(87) International

:WO 2013/074974 Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ALNYLAM PHARMACEUTICALS INC.

Address of Applicant: 300 Third Street Cambridge MA 02142

U.S.A.

(72) Name of Inventor:

1) RAJEEV Kallanthottathil G.

2)ZIMMERMANN Tracv

3)MANOHARAN Muthiah

4)MAIER Martin

5)KUCHIMANCHI Satyanarayana

6) CHARISSE Klaus

(57) Abstract:

One aspect of the present invention relates to double stranded RNAi (dsRNA) duplex agent capable of inhibiting the expression of a target gene. The dsRNA duplex comprises one or more motifs of three identical modifications on three consecutive nucleotides in one or both strand particularly at or near the cleavage site of the strand. Other aspects of the invention relates to pharmaceutical compositions comprising these dsRNA agents suitable for therapeutic use and methods of inhibiting the expression of a target gene by administering these dsRNA agents e.g. for the treatment of various disease conditions.

No. of Pages: 354 No. of Claims: 46

(21) Application No.3558/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD FOR MINIMIZING FATIGUE DAMAGE IN WELDED STRUCTURE TOOL FOR FORMING STRIKE MARK AND WELDED STRUCTURE

(51) International classification :B23P (71)Name of Applicant: (31) Priority Document No :2011260544 1)JFE STEEL CORPORATION (32) Priority Date Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda :29/11/2011 (33) Name of priority country ku Tokyo 1000011 Japan :Japan :PCT/JP2012/080768 (72) Name of Inventor : (86) International Application No Filing Date :28/11/2012 1)MORIKAGE Yasushi (87) International Publication No :WO 2013/081015 2)IGI Satoshi (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for minimizing fatigue damage in a welded structure by minimizing the fatigue damage produced in the welded portion of the welded structure. In this method a substantially linear weld bead is curved in an arc shape along a direction that transverses the weld bead at a right angle on the surface of a base material adjacent to the bead in the welded portion and a strike mark is formed through hammer peening or ultrasonic shock peening using a tool for forming a strike mark having at the tip a strike mark forming surface with the center of curvature skewed to one side of two end surfaces mutually parallel along the weld bead; a strike mark is formed on the surface of the base material adjacent to the substantially linear and curved weld bead through hammer peening or ultrasonic shock peening using a tool for forming a strike mark having at the tip a planar strike mark forming surface with an overall circular or elliptical shape; and fatigue damage on the welded portion is minimized by introducing compressive residual stress in the vicinity of a weld bead toe with the tool for forming a strike mark.

No. of Pages: 49 No. of Claims: 14

(21) Application No.3559/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: RING SHAPED MEMBER HEAT TREATMENT METHOD AND RING SHAPED MEMBER MANUFACTURING METHOD

(51) International classification :C21D9/40,C21D1/10,C21D1/42 (71)Name of Applicant :

(31) Priority Document No :2011237495 (32) Priority Date :28/10/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/076672

Filing Date :16/10/2012

(87) International Publication No: WO 2013/061822

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA

Number :NA Filing Date

1)NTN CORPORATION

Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72)Name of Inventor:

1)OHKI Chikara

(57) Abstract:

s11The ring shaped member heat treatment method is provided with: a process of revolving a coil (21) which is disposed so as to face the rolling contact surface (11) of a ring shaped molding (10) that is obtained from steel and which induction heats the molding (10) relative to the molding (10) along the circumferential direction thereof to form a ring shaped heated region in which the steel is austenitized on the molding (10); and a process of simultaneously cooling the entire heated region to the temperature of the M point or below. In the process for forming the heated region each region of the rolling contact surface (11) is heated so as to alternate multiple times between a state exceeding the A point temperature and a temperature state below the A point temperature at which a supercooled austenite state is maintained.

No. of Pages: 30 No. of Claims: 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED METHOD OF MAKING SINTERED ALUMINA ABRASIVE GRAINS

(51) I () () () () () () () () ()	G001/2/00	(71)N 6 A P
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Carborundum Universal Limited
(32) Priority Date	:NA	Address of Applicant :of Parry House- 6th Floor, 43 Moore
(33) Name of priority country	:NA	Street, Chennai 600001., India Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Joggy Jacob
(87) International Publication No	: NA	2)Nazreen Sikkandar Basha
(61) Patent of Addition to Application Number	:NA	3)Jayan Ponnarassery Sukumaran
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

AN IMPROVED METHOD OF MAKING SINTERED ALUMINA ABRASIVE GRAINS The present invention relates to a method of manufacturing alumina based sintered alumina abrasives. In particular, the present invention relates to a simplified process for making sintered alumina abrasives from an economical precursor such as bauxite. The product derived from the process has high true density and superior abrasive properties. The sintered alumina abrasives produced can be employed as both coated and bonded abrasives.

No. of Pages: 22 No. of Claims: 20

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: NEWER FLUOROQUINOLONE DERIVATIVES AS PHARMACOLOGICALLY ACTIVE AGENTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Substitute Su	NA N
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(57) Abstract:

The present invention relates to a method of preparation of novel fluoroquinolone derivatives of formula (IV) from compounds of formula (III): in which R is F, CI, Br, I, alkyl or N02, Rl is F, CI, Br, I or N02, R2 is cyclopropyl, ethyl or 3-methyl-1,4-oxazine, R3 is H, OCH3 or F, R4 is piperazine, N-methyl piperazine, 3-methyl piperazine, 3,5-dimethyl piperazine or pyrrolopyridine, R5 is H or NH2 and X is Pt, Pd, Co, Cu, Ni, Zn, Vd or Mo. The process for preparing fluoroquinolone derivative of formula IV comprises: i) reacting the N-benzylisatin of formula (I) with fluoroquinolone acid hydrazide of formula (II) in presence of an organic solvent under acidic conditions to give compound of formula (III) ii) reacting the fluoroquinolone derivative of formula (III) with platinum chloride, palladium chloride, copper acetate, cobalt chloride, ammonium nickel sulphate, zinc chloride, vanadyl sulphate or ammonium molybdate in the presence of organic base in a suitable solvent to give the fluoroquinolone metal complexes of formula (IV). Said compounds are highly effective against a number of pathogenic bacteria and have shown excellent in vitro anti-tubercular activity against normal and multidrug resistant strains of Mycobacterium tuberculosis. Hence, they are of interest as antimicrobial agents, especially for the treatment of tuberculosis

No. of Pages: 24 No. of Claims: 5

(12) TATENT ALTEICATION TOBLICATION

(22) Date of filing of Application :14/04/2009 (43) Publication Date : 09/10/2015

(54) Title of the invention : STORAGE MEDIUM STORING METADATA FOR PROVIDING ENHANCED SEARCH FUNCTION \bullet

(51) International classification :G11B 20/10
(31) Priority Document No :3348/CHENP/2007
(32) Priority Date :31/07/2007
(33) Name of priority country :Argentina

(86) International Application No :PCT/KR2006/000050 Filing Date :06/01/2006

(87) International Publication No : NA (61) Patent of Addition to Application Number :NA :NA

(62) Divisional to Application Number :3348/CHENP/2007 Filed on :31/07/2007 (71)Name of Applicant:

1)SAMSUNG ELECTRONIC CO. LTD.

(21) Application No.2043/CHENP/2009 A

Address of Applicant :416 Maetandong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea Republic of

Korea

(72)Name of Inventor: 1)CHUN HYE-JEONG 2)PARK SUNG-WOOK

(57) Abstract:

(19) INDIA

A storage medium is provided for storing metadata for providing an enhanced search function using various search keywords of audio-visual (AV) data. The storage medium stores: AV data; and metadata for conducting an enhanced search of the AV data by scene using information regarding at least one search keyword. The metadata may include information regarding an entry point and/or duration, angles, etc. of each scene. Hence, the enhanced search can be conducted using various search keywords. Further, search results can be reproduced according to diverse scenarios, and the enhanced search function can be provided for movie titles that support multiple angles or multiple paths. Moreover, metadata can be created in multiple languages, thereby enabling the enhanced search function to support multiple languages

No. of Pages: 29 No. of Claims: 3

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ASSOCIATION OF MVC STEREOSCOPIC VIEWS TO LEFT OR RIGHT EYE DISPLAY FOR 3DTV

(51) International classification :H04N21/2362,H04N21/2365,H04N21/434

(31) Priority

Document No
(32) Priority Date
(33) Name of priority
(34) 116149
(37) 161/559149
(37) 14/11/2011

country

(86) International

(86) International Application No :PCT/US2012/049064 :31/07/2012

:U.S.A.

Filing Date

(87) International Publication No :WO 2013/074160

(61) Patent of Addition :NA

to Application Number :NA
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)MOTOROLA MOBILITY LLC

Address of Applicant :600 North US Highway 45 Libertyville

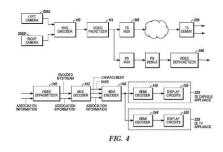
IL 60048 U.S.A.

(72)Name of Inventor:

1)NARASIMHAN Mandayam A.

(57) Abstract:

A method of delivering video data representing left (208L) and right (208R) eye views of a scene encoded (110) in accordance with mul tiview video coding (MVC) from a transmitter to a receiver over an MPEG 2 systems standard stream includes receiving at a transmitter (114 218) an input video elementary stream conveying data encoded as a base view and an enhancement view wherein the base view rep resents a specific one of the left and right eye views and the enhance ment view represents the other of the left and right eye views. An MPEG 2 systems standard multiplexer (218) at the transmitter gener ates an MPEG 2 systems standard stream that is derived from the in put video elementary stream and conveys association information as sociating the base view with the specific one of the left and right eye views. The MPEG 2 systems standard stream is transmitted from the transmitter to the receiver.



No. of Pages: 22 No. of Claims: 8

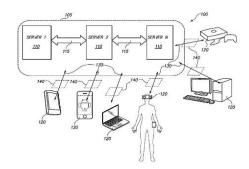
(22) Date of filing of Application :01/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR AUGMENTED AND VIRTUAL REALITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:29/10/2012 :WO 2013/085639 :NA :NA	(71)Name of Applicant: 1)MAGIC LEAP INC. Address of Applicant: 3107 Stirling Road Suite 102 Fort Lauderdale FL 3312 U.S.A. (72)Name of Inventor: 1)MILLER Samuel A.
Filing Date	:NA	

(57) Abstract:

One embodiment is directed to a system for enabling two or more users to interact within a virtual world comprising virtual world data comprising a computer network comprising one or more computing devices the one or more computing devices comprising memory processing circuitry and software stored at least in part in the memory and executable by the processing circuitry to process at least a portion of the virtual world data; wherein at least a first portion of the virtual world data originates from a first user virtual world local to a first user and wherein the computer network is operable to transmit the first portion to a user device for presentation to a second user such that the second user may experience the first portion from the location of the second user such that aspects of the first user virtual world are effectively passed to the second user.



No. of Pages: 63 No. of Claims: 18

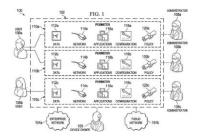
(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MANAGING CROSS PERIMETER ACCESS

(51) International classification	:H04L12/22,H04W12/08	(71)Name of Applicant:
(31) Priority Document No	:11188696.6	1)BLACKBERRY LIMITED
(32) Priority Date	:10/11/2011	Address of Applicant :2200 University Avenue East Waterloo
(33) Name of priority country	:EPO	Ontario N2K 0A7 Canada
(86) International Application No	:PCT/CA2012/050796	2)2236008 ONTARIO INC.
Filing Date	:09/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/067644	1)FERGUSON Geordon Thomas
(61) Patent of Addition to Application	:NA	2)BENDER Christopher Lyle
Number		3)ZUBIRI Alberto Daniel
Filing Date	:NA	4)SCHNEIDER Kenneth Cyril
(62) Divisional to Application Number	:NA	5)WHITEHOUSE Oliver
Filing Date	:NA	6)HOBBS Christopher William Lewis

(57) Abstract:

In some implementations a method of managing access to resources in a single device including receiving from a first resource assigned to a first perimeter a request to access a second resource assigned to a second perimeter different from the first perimeter. The single device includes the first perimeter and the second perimeter. Whether access to the second resource is prohibited is determined based on a management policy for the first perimeter. The management policy defining one or more rules for accessing resources assigned to the second perimeter including the second resource.



No. of Pages: 28 No. of Claims: 27

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: HANDS FREE AUGMENTED REALITY FOR WIRELESS COMMUNICATION DEVICES

(51) International classification: G06T11/00,G06T3/40,G06F17/30 (71) Name of Applicant:

(31) Priority Document No :61/557265 (32) Priority Date :08/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/059584

No :10/10/2012 Filing Date

(87) International Publication

:WO 2013/070375

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

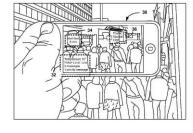
1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor: 1)FORUTANPOUR Babak 2) VELARDE Ruben M. 3)BEDNAR David L.

4)MOMEYER Brian Lee

This disclosure relates to techniques for providing hands free augmented reality on a wireless communication device (WCD). According to the techniques an application processor within the WCD executes an augmented reality (AR) application to receive a plurality of image frames and convert the plurality of image frames into a single picture comprising the plurality of image frames stitched together to represent a scene. The WCD executing the AR application then requests AR content for the scene represented in the single picture from an AR database server receives AR content for the scene from the AR database server and processes the AR content to overlay the single picture for display to a user on the WCD. In this way the user may comfortably look at the single picture with the overlaid AR content on a display of the WCD to learn more about the scene represented in the single picture.



No. of Pages: 42 No. of Claims: 46

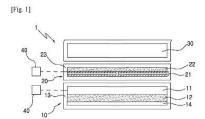
(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: CONTACTLESS CHARGING SYSTEM AND CONTACTLESS CHARGING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J7/04,H02J17/00 :1020110109248 :25/10/2011 :Republic of Korea :PCT/KR2012/008281 :11/10/2012 :WO 2013/062253 :NA :NA :NA	(71)Name of Applicant: 1)KIM Seon Seob Address of Applicant:(Bupyeong dong) 28 Buheungbuk ro 57beon gil Bupyeong gu Incheon 403 816 Republic of Korea (72)Name of Inventor: 1)KIM Seon Seob
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(57) Abstract:

A contactless charging method according to the present invention is applied to a contactless charging system (1) which comprises a transmitting unit (10) having a primary coil (11) and a receiving unit (20) having a secondary coil (21) and which charges a battery (30) electrically connected to the secondary coil (21) by the electromagnetic induction generated between the primary coil (11) and the secondary coil (21) and which supplements the charging efficiency of the battery (30) by varying the charging efficiency used in the electromagnetic induction in proportion to the charging efficiency of the battery (30) that varies according to the position of the secondary coil (21) relative to the primary coil (11). The contactless charging method comprises: a step of detecting a charging frequency when a charging operation is performed by enabling the primary coil (11) to get closer to the secondary coil (21); and a step of outputting the charging efficiency of the battery (30) acquired from the detected charging frequency such that a user may know the charging efficiency.



No. of Pages: 45 No. of Claims: 7

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: INJECTION APPARATUS

(51) International :B29C45/53,B22D17/32,B29C45/76 classification

(31) Priority Document No :2011230018 (32) Priority Date :19/10/2011

(33) Name of priority country: Japan

(86) International Application: PCT/JP2012/075523

:02/10/2012

Filing Date

(87) International Publication :WO 2013/058102

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant: 2 1 Toyoda cho Kariya shi Aichi

4488671 Japan

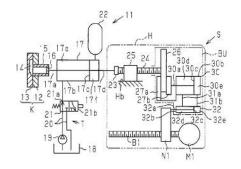
(72) Name of Inventor:

1)YAMAGUCHI Kazuyuki 2)NAKAMURA Masaya

3)OMIYA Kenji

(57) Abstract:

An injection apparatus wherein a pressure accumulation part is connected to an operating chamber of an injection cylinder. A control unit which controls the speed at which the injection cylinder moves is connected to a rod of the injection cylinder. The control unit comprises: a rotating shaft that follows the movement of the rod and is capable of moving in the same direction as the rod; a conversion mechanism that converts the linear motion of the rod into the rotational motion of the rotating shaft; and a rotating member that is coupled to the rotating shaft. The control unit comprises: a resistance generating member that generates a frictional resistance by coming into sliding contact with the rotating member; an actuating member that is moved by an electric drive source; and a movement mechanism that follows the movement of the actuating member and moves the resistance generating member to the rotating member.



No. of Pages: 39 No. of Claims: 10

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: INJECTION APPARATUS

(51) International :B29C45/53,B22D17/32,B29C45/76 classification

(31) Priority Document No :2011230017 (32) Priority Date :19/10/2011

(33) Name of priority country: Japan

(86) International Application: PCT/JP2012/075522

:02/10/2012 Filing Date

(87) International Publication :WO 2013/058101

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

(71)Name of Applicant:

1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2 1 Toyoda cho Kariya shi Aichi

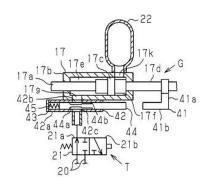
4488671 Japan

(72)Name of Inventor:

1)YAMAGUCHI Kazuyuki

(57) Abstract:

A pressure accumulation part is connected to an injection cylinder in this injection apparatus and a deceleration mechanism which decelerates the injection cylinder is disposed in the injection apparatus. The deceleration mechanism comprises: an actuating member that moves integrally with an injection cylinder rod; and a diaphragm member that is disposed on a flow passage for discharging or supplying hydraulic oil from/to the injection cylinder and controllably narrows the flow passage in conjunction with the movement of the actuating member.



No. of Pages: 36 No. of Claims: 5

(21) Application No.3474/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PESTICIDE COMPOSITION HAVING IMPROVED RAINFASTNESS

(51) International classification :A01N57/20,A01N25/24,A01P3/00

(31) Priority Document No :61/558733

(32) Priority Date :11/11/2011(33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/002986

No :09/11/2012 Filing Date :09/11/2012

(87) International Publication

(87) International Publication :WO 2013/068851

(61) Patent of Addition to
Application Number
:NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA Filing Date (71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:
1)VIETS Alan K.
2)PRZYBYLA David

(57) Abstract:

A pesticide composition includes an active component and polyethyleneimine having a weight average molecular weight of at least about 750 000 g/mol and has improved rainfastness. The polyethyleneimine of this invention has decreased mobility in water as compared to related lower molecular weight analogs. The pesticide composition is formed using a method that includes the steps of providing the active component providing the polyethyleneimine and combining the active component and the polyethyleneimine to form the pesticide composition.

No. of Pages: 44 No. of Claims: 19

(22) Date of filing of Application :12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD OF PROCESSING FEED STREAMS CONTAINING HYDROGEN SULFIDE

(51) International classification :C10L3/06,C10G5/00,B01D53/52 (71)Name of Applicant: (31) Priority Document No :61/559831

:12/11/2012

(32) Priority Date :15/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/064634 No

Filing Date

(87) International Publication :WO 2013/074440

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands

(72)Name of Inventor:

1)MILAM Stanley Nemec 2) LAURITZEN Ann Marie

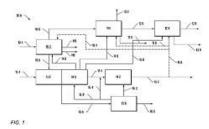
3) REYNOLDS Michael Anthony

4)PARUCHURI Eswarachandra

5)WELLINGTON Scott Lee

(57) Abstract:

A method of processing feed streams containing significant quantities of hydrogen sulfide is provided. The method includes providing a feed gas stream that includes hydrogen sulfide and hydrocarbons. The feed gas stream has at least 1% by volume hydrogen sulfide. At least a portion of the feed gas stream is separated into a hydrogen sulfide stream and a hydrocarbon stream. The hydrogen sulfide stream includes more hydrogen sulfide by volume percent than the feed stream; and the hydrocarbon stream contains less hydrogen sulfide by volume percent than the feed gas stream. The hydrocarbon gas stream is processed to produce a natural gas product selected from pipeline natural gas compressed natural gas and liquefied natural gas. Greater than one third of the hydrogen sulfide stream on a volume basis is combusted to generate thermal power. Thermal power generated by the combustion is produced at a ratio of at least 200 MW per 10 million metric tons of natural gas produced from the feed gas stream.



No. of Pages: 85 No. of Claims: 16

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A DEVICE TO MULTIPLY ELECTRICITY USING HYDRAULIC POWER AND LEVER MECHANISM

(51) International classification	:F03G7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G. JOHN GILBERT
(32) Priority Date	:NA	Address of Applicant :NEAR SCHOOL GROUND,
(33) Name of priority country	:NA	THITTAVILAI, VARARAI, S.T. MANGAD POST,
(86) International Application No	:NA	KANYAKUMARI DISTRICT - 629 172 Tamil Nadu India
Filing Date	:NA	2)J. VIJO GILBERT
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)G. JOHN GILBERT
Filing Date	:NA	2)J. VIJO GILBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device is invented to multiply electricity by the application of lever mechanism and hydraulic power. This device essentially comprised of a hydraulic component, a rotor attached with levers, gear box, a generator, control systems and other accessories. Hydraulic component exerts pressure on the tip of the levers attached to the rotor shaft. The rotor component works on the principle of wheel and axle and converts the hydraulic pressure applied on the lever into rotary motion. The gear system attached to the rotor converts the low speed rotation to high speed rotation suitable for generating electricity. The generator component consists of the electrical generator and other control systems suitable to produce rated power. By the whole mechanism the input is multiplied. It is mainly because the present invention uses lever mechanism. The mechanical advantage of lever magnifies the input force and hence relatively low energy will rotate the rotor component, which is attached with a more powerful generator. Hence it is possible to produce more electric power than the one used for input force.

No. of Pages: 6 No. of Claims: 3

(22) Date of filing of Application :01/05/2014

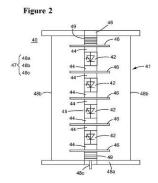
(43) Publication Date: 09/10/2015

(54) Title of the invention: POWER STACK STRUCTURE AND METHOD

(51) International classification	:H01L25/00	(71)Name of Applicant:
(31) Priority Document No	:.	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:01/05/2014	Address of Applicant: 1 River Road Schenectady New York
(33) Name of priority country	:	12345 U.S.A.
(86) International Application No	:PCT/CN2011/081830	(72)Name of Inventor:
Filing Date	:04/11/2011	1)ZHANG Fan
(87) International Publication No	:WO 2013/063806	2)SHENG Junfeng
(61) Patent of Addition to Application	:NA	3)ZHANG Xiaodan
Number	:NA	4)ZHANG Richard
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A power conversion apparatus includes plural press pack power semiconductor devices (42); plural thermal and electric conducting blocks (44 56) provided among the plural press pack power semiconductor devices (42); and plural bus bars (46) provided among the plural press pack power semiconductor devices (42) and the plural thermal and electric conducting blocks (44 56) to form a first column (41) that is clamped under a predetermined mechanical force. The plural bus bars (46) are directly pressed in the first or more columns (41) for electrical connection at least one of the press pack power semiconductor devices (42) is sandwiched between two thermal and electrical conducting blocks (44 56) and at least one of the bus bars (46) is sandwiched between two thermal and electric conducting blocks (44 56). A method for assembling the power conversion apparatus is also provided. The apparatus and the method can provide optimum heat transfer for press pack power semiconductor devices and minimum commutation loss and stress.



No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :08/05/2014 (43)

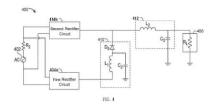
(43) Publication Date: 09/10/2015

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR A HIGH POWER FACTOR SINGLE PHASE RECTIFIER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:61/561184 :17/11/2011 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:13/11/2012 :WO 2013/074529 :NA :NA :NA :NA	1)IRISH Linda S.

(57) Abstract:

Systems methods and apparatus are disclosed for broadband AC to DC conversion. In one aspect a power conversion apparatus for providing direct current (DC) based at least in part on an alternating current is provided. The power conversion apparatus includes a first rectifier circuit configured to rectify the alternating current to a first direct current. The power conversion apparatus further includes an averaging circuit configured to average the first direct current received from the first rectifier circuit and to provide a second direct current. The power conversion apparatus further includes a second rectifier circuit configured to rectify the alternating current to a third direct current. The direct current is derived from the second direct current and the third direct current.



No. of Pages: 50 No. of Claims: 35

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : HIGH VOLTAGE INSULATION SYSTEM AND A HIGH VOLTAGE INDUCTIVE DEVICE COMPRISING SUCH AN INSULATION SYSTEM

(51) International classification :H01F27/32,H01F27/08 (71)Name of Applicant : (31) Priority Document No :11185609.2 1)ABB TECHNOLOGY AG (32) Priority Date Address of Applicant: Affolternstrasse 44 CH 8050 Z1/4rich :18/10/2011 (33) Name of priority country :EPO Switzerland :PCT/EP2012/070702 (72) Name of Inventor: (86) International Application No Filing Date :18/10/2012 1) ERIKSSON Anders Bo :WO 2013/057220 2)WEDIN Erik

(87) International Publication No
(61) Patent of Addition to Application
Number
:NA
:NA
:NA
:NA

BERGLUND Mats

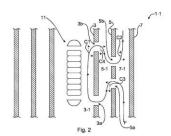
Number
Filing Date

(62) Divisional to Application Number
Filing Date

SNA
Filing Date

(57) Abstract:

This disclosure relates to an insulation system (1 1) for a winding structure (11). The insulation system (1 1) comprises an innermost barrier pair (3) arranged to cover a majority of the winding structure (11) in the axial direction (A) of the winding structure (11) inside and outside the barrier structure (11) relative the curvature of winding turns of windings of the winding structure wherein at least one barrier of the innermost barrier pair (3) defines a first flow path (3 1) allowing flow of a dielectric fluid (F) mainly in a first axial direction between the winding structure (11) and the at least one barrier when the insulation system (1 1) is in a assembled state; and a first outer barrier (5) arranged radially inwards or radially outwards relative each barrier of the innermost barrier pair wherein the first outer barrier (5) defines a second flow path (5 1) parallel to the first flow path (3 1) allowing flow of a dielectric fluid (F) mainly in a second axial direction opposite the first axial direction wherein the insulation system (1 1) is arranged such that a dielectric medium (F) is able to flow from the second flow path and enter the first flow path (3 1) at one axial end portion of one of the barriers of the innermost barrier pair (3) and at the other axial end portion of one of the barriers of the innermost barrier pair (3) exit the corresponding first flow path (3 1) wherein each barrier of the innermost barrier pair (3). It is also presented an inductive device in which the insulation system (1 1) is arranged.



No. of Pages: 24 No. of Claims: 16

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : STARCH OF MUSA PARADISIACA AS SUSTAINED RELEASE CARRIER IN SUSPENSION FOR PROLONGED RELEASE OF DRUG

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr.Karthikeyan Deivasigamani
(32) Priority Date	:NA	Address of Applicant :Principal, Srikrupa Institute of
(33) Name of priority country	:NA	Pharmaceutical Sciences, Vill: Velikatta, Mdl: Kondapak,
(86) International Application No	:NA	RD:Siddipet, Medak 502277, Andhra Pradesh, India Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr.Karthikeyan Deivasigamani
Filing Date	:NA	2)Ch. Chandana
(62) Divisional to Application Number	:NA	3)Dr.Sateesh Kumar
Filing Date	:NA	

(57) Abstract:

The present invention provides a method of preparing sustained release drug formulation by modified ionic gelation method using starch as anionic carrier. The method of preparing controlled release drug formulation comprising the step of pulverizing musa paradisiaca starch to get insoluble microparticles in suspension form, adding the suspension containing insoluble musa paradisiaca starch particles and hydrophilic drugs or hydrophobic drugs with or without solution containing cross linking agent (TPP), and adsorbing the drug particles on the surface of musa paradisiaca starch, thereby forming controlled release drug.

No. of Pages: 12 No. of Claims: 10

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF ANTICANCER AGENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)VIJAYBHASKAR REDDY RAMIREDDY, SUMANTH REDDY VATTI Address of Applicant: FLAT NO: 302, RS ARCADES,
(86) International Application No Filing Date	:NA :NA	ROAD NO: 2, VIJAYANAGAR COLONY, KUKATPALLY, HYDERABAD - 500 072 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VIJAYBHASKAR REDDY RAMIREDDY
Filing Date (62) Divisional to Application Number	:NA	2)SUMANTH REDDY VATTI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The technical field of the present invention relates to solid formulation of anticancer agent. More particularly, the present invention relates to solid formulation of Imatinib and its pharmaceutically acceptable salts.

No. of Pages: 14 No. of Claims: 10

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A MEDICAL IMPLANT FOR OCCLUDING AN OPENING IN A BODY AND A METHOD OF PRODUCING SUCH A MEDICAL IMPLANT

(51) International :A61B17/00,A61B17/12,D04C3/48

classification (31) Priority Document No :61/551995

(32) Priority Date :27/10/2011
(33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2012/071279

No Filing Date :1C1/E1 2012

(87) International Publication WG 2012

:WO 2013/060856

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date :NA

(71)Name of Applicant:

1)OCCLUTECH HOLDING AG

Address of Applicant: Vordergasse 3 CH 8201 Schaffhausen

Switzerland

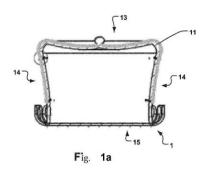
(72) Name of Inventor:

1)OTTMA R¹/₄diger 2)HEIPL Michael

3)TILCHNER Sebastian 4)SCHMIDT Kathrin

(57) Abstract:

The disclosure relates to a medical implant (1) for occluding an opening in a body and a method of producing such a medical implant. Disclosed is an improved occluder (1) which provides improved occlusion improved sealing and improved endothelialization. The occluder slows down the blood flow through the defect. In one embodiment a medical implant (1) for occluding an opening in a body is provided wherein the medical implant (1) comprises a body mesh of strands forming a plurality of adjacent cells delimited by the strands the body mesh having an external surface and a coating (22) or a non fibrous film membrane (17) covering the external surface for at least partly restricting a fluid flow through a structural tissue defect such as a defect in the heart.



No. of Pages: 37 No. of Claims: 26

:NA

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HIGH PERFORMANCE FUEL ELECTRODE FOR A SOLID OXIDE ELECTROCHEMICAL CELL

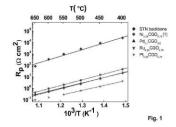
(51) International classification: H01M4/86,H01M8/12,H01M4/88 (71) Name of Applicant: :PA 2011 00811 (31) Priority Document No 1)TECHNICAL UNIVERSITY OF DENMARK (32) Priority Date :24/10/2011 Address of Applicant: Anker Engelundsvej 1 Building 101 A (33) Name of priority country DK 2800 Kgs. Lyngby Denmark :Denmark (72) Name of Inventor: (86) International Application :PCT/EP2012/070951 1)JABBAR Mohammed Hussain Abdul :23/10/2012 Filing Date 2)H~GH Jens (87) International Publication 3)BONANOS Nikolaos :WO 2013/060671 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A high performance anode (fuel electrode) for use in a solid oxide electrochemical cell is obtained by a process comprising the steps of (a) providing a suitably doped stabilized zirconium oxide electrolyte such as YSZ ScYSZ with an anode side having a coating of electronically conductive perovskite oxides selected from the group consisting of niobium doped strontium titanate vanadium doped strontium titanate tantalum doped strontium titanate and mixtures thereof thereby obtaining a porous anode backbone (b) sintering the coated electrolyte at a high temperature such as 1200°C in a reducing atmosphere for a sufficient period of time (c) effecting a precursor infiltration of a mixed catalyst into the backbone said catalyst comprising a combination of noble metals Pd or Pt or Pd or Ru and Ni with rare earth metals such as Ce or Gd said infiltration consisting of (1) infiltration of Pd Ru and CGO containing chloride/nitrate precursors and (2) infiltration of Ni and CGO containing nitrate precursors and (d) subjecting the resulting structure of step (c) to heat treatments including heat treatments in several steps with infiltration.



No. of Pages: 28 No. of Claims: 8

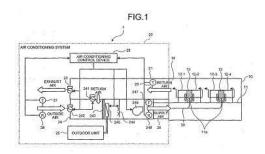
(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : AIR CONDITIONING SYSTEM AND AIR CONDITIONING CONTROL METHOD FOR SERVER ROOM MANAGEMENT

(51) International classification :F24F11/02,F24F3/14,F24F7/06 (71)Name of Applicant : (31) Priority Document No :2011250837 1)Kabushiki Kaisha Toshiba (32) Priority Date :16/11/2011 Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo (33) Name of priority country 1058001 Japan :Japan (86) International Application No :PCT/JP2012/065392 (72)Name of Inventor: Filing Date :15/06/2012 1)MURAYAMA Dai (87) International Publication No: WO 2013/073222 2)TAKAGI Yasuo (61) Patent of Addition to 3)OOTANI Hidevoshi :NA **Application Number** 4)KINOSHITA Tomoyuki :NA Filing Date 5)HANADA Yuuichi (62) Divisional to Application 6)MORIMOTO Hiroshi :NA Number 7)TAKAHASHI Kobun :NA Filing Date

(57) Abstract:

Provided is an air conditioning system in which a server is installed between a first space and a second space which are separated from one another wherein an air supply which flows into the first space is heated by heat which emanates from the server and circulates via the second space flowing out. When it is determined that the air state of the outside air either falls into an air state range which is in excess of an upper bound of a target range of absolute humidity or falls into an air state range which is in excess of an upper bound of an enthalpy range which corresponds to a range of air states which fall into a target range of temperature and a target range of absolute humidity and is in excess of an upper bound of a target range of temperature the state of the outside air and the state of the circulating air are compared. According to the results of the comparison the system establishes whether to set the air conditioning control instructions such that the amount of outside air taken in is minimized and a cooling process is carried out using a cooler or to set the air conditioning control instructions such that the amount of outside air taken in is maximized and the cooling process is carried out using the cooler.



No. of Pages: 38 No. of Claims: 5

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTIPLE MATERIAL SINGLE PLANE HEADGEAR

:NA

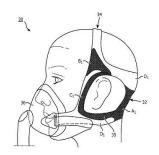
:NA

:A61M16/06,A62B18/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/555104 (32) Priority Date :03/11/2011 Address of Applicant : High Tech Campus 5 NL 5656AE (33) Name of priority country :U.S.A. Eindhoven Netherlands (86) International Application No (72) Name of Inventor: :PCT/IB2012/055597 Filing Date :15/10/2012 1)CHODKOWSKI Lauren Patricia (87) International Publication No :WO 2013/064930 2)HO Peter Chi Fai (61) Patent of Addition to Application 3)BAIKO Robert William :NA Number :NA Filing Date

(57) Abstract:

Filing Date

A headgear assembly (30) includes a first sub portion (D1) formed from a generally planar first material and a second sub portion (A1 B1 C1) formed from a generally planar second material. The second sub portion is coupled along an edge face to an edge face of the first sub portion without overlapping the first sub portion. The second material differs from the first material by at least one physical property.



(62) Divisional to Application Number

FIG. 3

No. of Pages: 31 No. of Claims: 15

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PRINTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:30/10/2012 :WO 2013/064975 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)LIU Gao Jian
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a printer comprising a housing (3); an openable top cover (7) disposed at the top of the housing (3); a printing unit (5) disposed in the housing (3) the printing unit (5) comprising a printing portion (5 a) fixedly mounted within the housing (3) and a roll portion (5b) fixed to the openable top cover (7); and a paper channel (9) defined between the printing portion (5 a) and the roll portion (5b); and a paper outlet (11) defined between a top portion (3a) of the housing (3) and the openable top cover (7) the paper channel (9) leading to the paper outlet (11); characterized in that the printer (1) further comprises a movable paper tearing mechanism (17) disposed in the paper outlet (11) the movable paper tearing mechanism (17) moving away from the paper outlet (11) when the openable top cover (7) is opened and moving into the paper outlet (11) and overlapping partly the openable top cover (7) when the openable top cover (7) is closed so that an extension (9a) of the paper channel (9) is defined between the movable paper tearing mechanism (17) and an upper surface of the openable top cover (7). According to the printer of the present invention the paper can be loaded in a simple and convenient manner and can be easily torn enabling the paper to be torn off in a regular manner and in a straight line.

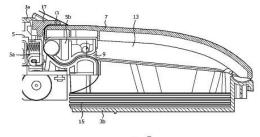


FIG. 5

No. of Pages: 15 No. of Claims: 10

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADAPTIVE APPLICATION OF METAL ARTIFACT CORRECTION ALGORITHMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Privisional to Application Number 	:61/556859 :08/11/2011 :U.S.A. :PCT/IB2012/056041 :31/10/2012 :WO 2013/068887 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)KOEHLER Thomas 2)BRENDEL Bernhard Johannes
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for and a method of correcting an image for an image artifact. An initial image is corrected by an image artifact corrector (190). The so corrected sample correction image is compared with the initial image to obtain information on the corrective action. The corrective action is then adaptively reapplied by a controller (140) to obtain an improved corrected image thereby ensuring previously present artifacts are removed and creation of new artifacts are avoided.

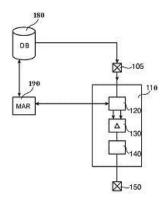


FIG. 1

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: A STEAM GENERATOR IRON

(51) International :D06F75/10,D06F75/12,D06F75/20 classification

(31) Priority Document No :61/556989 (32) Priority Date :08/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/055901

:26/10/2012 Filing Date

(87) International Publication :WO 2013/068870

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

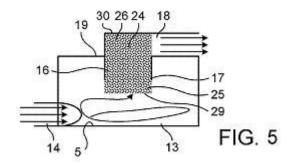
Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

1)TACK Johannes Willem

(57) Abstract:

The present application relates to a steam generator iron. The steam generator iron has a steam passageway along which steam flows the steam passageway having a first section (13) and a second section (16) extending from the first section (13). A flow stabilising element (24 35 38) is disposed at the transition of the steam passageway from the first section (13) to the second section (16). Therefore the generation of noise at the transition and the flow resistance in the steam passageway is minimised as steam flows along the steam passageway. The present application also relates to an insert for a steam generator iron.



No. of Pages: 22 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3597/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AND USE THEREOF AS MODULATORS OF TYPE III RECEPTOR TYROSINE KINASES

(51) International :C07D413/06,C07D413/14,C07D417/06

:12/10/2012

classification

(31) Priority Document :61/547637

No

(32) Priority Date :14/10/2011

(33) Name of priority country :U.S.A.

(86) International

Application No :PCT/US2012/059983

Filing Date

(87) International

Publication No :WO 2013/056070

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)AMBIT BIOSCIENCES CORPORATION

Address of Applicant :4215 Sorrento Valley Boulevard San

Diego CA 92121 U.S.A.

(72)Name of Inventor:

1)HADD Michael J.

2)HOCKER Michael D.

3)HOLLADAY Mark W.

4)LIU Gang

5)ROWBOTTOM Martin W.

6)XU Shimin

(57) Abstract:

Provided herein are heterocyclic compounds for treatment of CSFIR FLT3 KIT and/or PDGFR kinase mediated diseases. Also provided are pharmaceutical compositions comprising the compounds and methods of using the compounds and compositions.

No. of Pages: 523 No. of Claims: 31

(21) Application No.1547/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : PROCESS FOR PREPARING POLYMORPHIC FORMS A AND C OF SERTACONAZOLE MONOITRATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PEKETI, SUBBAREDDY
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of polymorphic forms A and C of sertaconazole mono nitrate. More particularly, the present invention relates to a stable Polymorphic form-C of sertaconazole mononitrate.

No. of Pages: 18 No. of Claims: 8

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 09/10/2015

$(54)\ Title\ of\ the\ invention: POLYMORPHS\ OF\ (R)-8-CHLORO-1-METHYL-2, 3, 4, 5-TETRAHYDRO-1H-3-BENZAZEPINE\ HYDROCHLORIDE$

(51) International classification	:C07D223/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)SURAPARAJU RAGHURAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to novel polymorphs of (i)-8-chloro-l-methyl-2,3,4,5-tetrahydro-l#-3-benzazepine hydrochloride which is represented by structural formula-1 and process for its preparation.

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: UTILISATION OF MECHNICAL ADVANTAGE IN COUPLED TOGETHER RADIAL CONTRACTION AND EXPANSION OF CYLINDERS FOR CONVERSION OF GRAVITATIONAL FORCE INTO USEFUL FORMS OF WORK/ENERGY, INCLUDING ELECTRICAL ENERGY

(51) International classification	:F03B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)P.L. AHOBALA NARASIMHAMURTHY
(32) Priority Date	:NA	Address of Applicant :NO.12, CANARA BANK LAYOUT
(33) Name of priority country	:NA	MAIN ROAD, VÎRUPAKSHAPURA,
(86) International Application No	:NA	VIDHYARANYAPURA(POST), KODIGEHALLI,
Filing Date	:NA	BANGALORE - 560 097 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)P.L. AHOBALA NARASIMHAMURTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

l.Abstract The embodiment envisaged consist a devise/machine to convert the hydraulic pressure into mechanical energy and vice versa. Two such devises are coupled together to blend the mechanical advantage in rope attached to a support with mechanical advantage in hydraulic pressure and further integrated with a schematic arrangement of weights, locks and sensors convert gravitational force into useful mechanical energy.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TESSELLATION IN TILE BASED RENDERING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06T15/00 :13/298051 :16/11/2011 :U.S.A. :PCT/US2012/060368 :16/10/2012 :WO 2013/074236	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)KALLIO Kiia Kaappoo 2)ARVO Jukka Pekka
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:NA	2)ARVO Jukka Pekka
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The disclosed techniques includes generating an input visibility stream for each tile of a frame the input visibility stream indicating whether or not an input primitive is visible in each tile when rendered and generating an output visibility stream for each tile of the frame the output visibility stream indicating whether or not an output primitive is visible in each tile when rendered wherein the output primitive is produced by tessellating the input primitive. In this way based on the input visibility stream tessellation may be skipped for entire input primitive that is not visible in the tile. Also based on the output visibility stream tessellation may be skipped for certain ones of the output primitives that are not visible in the tile even if some of the input primitive is not visible.



No. of Pages: 45 No. of Claims: 48

(22) Date of filing of Application :06/05/2014

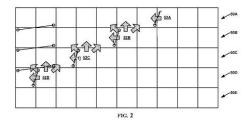
(43) Publication Date: 09/10/2015

(54) Title of the invention : CONSTRAINED REFERENCE PICTURE SETS IN WAVE FRONT PARALLEL PROCESSING OF VIDEO DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/11/2012 :WO 2013/074410 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)CHONG In Suk 2)COBAN Muhammed Zeyd 3)KARCZEWICZ Marta
Filing Date	:NA	

(57) Abstract:

A video encoder determines reference blocks for each inter predicted prediction unit (PU) of a tree block group such that each of the reference blocks is in a reference picture that is in a reference picture subset for the tree block group. The reference picture subset for the tree block group includes less than all reference pictures in a reference picture set of the current picture. The tree block group comprises a plurality of concurrently coded tree blocks in the current picture. For each inter predicted PU of the tree block group the video encoder indicates in a bitstream that includes a coded representation of video data a reference picture that includes the reference block for the inter predicted PU. A video decoder receives the bitstream determines the reference pictures of the inter predicted PUs of the tree block group and generates decoded video blocks using the reference blocks of the inter predicted PUs.



No. of Pages: 62 No. of Claims: 52

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : ELECTRONIC BRACHYTHERAPY RADIATION APPLICATION APPARATUS COMPRISING A PIEZOELECTRICALLY POWERED X RAY SOURCE

(51) International :H01L41/113,H05G1/06,A61N5/10

classification (21) Priority December 19.

(31) Priority Document No :61/559766 (32) Priority Date :15/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/056300

No :1C1/1B2012 Filing Date :09/11/2012

(87) International Publication :WO 2013/072828

No

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date (71)Name of Applicant:

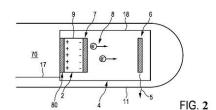
1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:
1)RIBBING Carolina
2)VOGTMEIER Gereon

(57) Abstract:

The invention relates to a radiation application apparatus for applying radiation at a location within an object. The radiation application apparatus comprises a transforming unit (2) for being arranged within the object at the location and for transforming ultrasound energy to electrical energy and a radiation source (4) for being arranged within the object and for generating radiation (5) to be applied at the location within the object wherein the radiation source (4) is driven by the electrical energy. Since the transforming unit transforms the ultrasound energy to electrical energy being used by the radiation source it is not necessary to transfer electrical energy to the radiation source i.e. for example corresponding cables which may have to be isolated are not necessarily required. Insulation problems and corresponding safety problems which may be present if cables in particular corresponding high voltage cables are used can therefore be reduced.



No. of Pages: 41 No. of Claims: 15

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD OF PRODUCING POWER

(51) International classification :F02C6/18,F02C3/22,F01K23/14 (71)Name of Applicant : (31) Priority Document No :61/559846

:12/11/2012

(32) Priority Date :15/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/064630

No Filing Date

(87) International Publication No: WO 2013/074439

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands

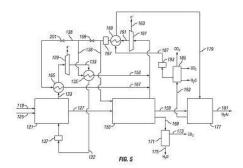
(72) Name of Inventor:

1)TAYLOR Richard Bruce

2)MILAM Stanley Nemec

(57) Abstract:

A process for producing power from a fuel stream containing at least 30 mol% hydrogen sulfide is provided. The fuel stream is combusted with an oxidant stream containing molecular oxygen to generate a combusted gas stream containing thermal power where the molar ratio of molecular oxygen to hydrogen sulfide is at least 1:1. Electrical power is generated from the thermal power of the combusted gas stream.



No. of Pages: 59 No. of Claims: 35

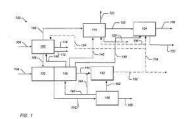
(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF PRODUCING SULFUR DIOXIDE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C01B17/50,C10L3/06,C10G5/00 :61/559841 :15/11/2011 :U.S.A.	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The
(86) International Application No Filing Date	:PCT/US2012/064639 :12/11/2012	Hague Netherlands (72)Name of Inventor: 1)MILAM Stanley Nemec
(87) International Publication No	:WO 2013/074445	2)LAURITZEN Ann Marie 3)REYNOLDS Michael Anthony
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	4)PARUCHURI Eswarachandra 5)WELLINGTON Scott Lee
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of producing sulfur dioxide is provided. A feed gas stream comprising at least 5% by volume hydrogen sulfide is provided. The feed gas stream is separated into a hydrogen sulfide stream and a hydrocarbon gas stream. An oxidant stream is provided and is combusted with the hydrogen sulfide stream to produce thermal power and a combustion stream containing sulfur dioxide and steam. Sulfur dioxide is separated from the combustion stream.



No. of Pages: 46 No. of Claims: 14

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR THE CONTINUOUS PRODUCTION OF CELLULASES BY A FILAMENTOUS FUNGUS USING A CARBON SUBSTRATE OBTAINED FROM AN ACID PRETREATMENT

(51) International classification :C12N1/14,C12N9/42,C12N1/38 (71)Name of Applicant:

(31) Priority Document No :1103149 (32) Priority Date :14/10/2011

(33) Name of priority country :France

(86) International Application No:PCT/FR2012/000381

Filing Date :26/09/2012 (87) International Publication No: WO 2013/054005

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)IFP ENERGIES NOUVELLES

Address of Applicant: Direction Proprit Industrielle 1 & 4 avenue de Bois Prau F 92852 Rueil Malmaison Cedex France

(72) Name of Inventor:

1)BEN CHAABANE Fadhel 2) CHAUSSEPIED Bernard

(57) Abstract:

The present invention relates to a method for producing cellulases and hemicellulases by a strain belonging to a filamentous fungus in an agitated and aerated bioreactor including at least two phases i.e. a phase a) for growing said strain in the presence of at least one carbon growth substrate in a closed reactor said growth phase being carried out with a concentration of carbon growth substrate of between 10 and 90 g/L a phase b) for the continuous production of cellulases in which at least one carbon inducing substrate is fed at an at least constant feed rate for a period at least greater than 200 hours said carbon substrate being at least an aqueous hemicellulose hydrolysate solution derived from an acid pretreatment of a lignocellulose substrate said aqueous hemicellulose hydrolysate solution not being presterilized the pH thereof not being corrected said pH of the aqueous solution being between 0.5 and 3 wherein the weight of the reaction volume is kept constant by drawing off a fraction of said reaction volume said phase b) being carried out at a dilution rate of between 0.001 and 0.02 h 1.

No. of Pages: 19 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3610/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRICYCLIC COMPOUNDS COMPOSITIONS COMPRISING THEM AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/14 :61/559 964 :15/11/2011 :U.S.A. :PCT/IL2012/050461 :15/11/2012 :WO 2013/072915 :NA :NA :NA	(71)Name of Applicant: 1)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD. Address of Applicant: Hi Tech Park Edmond J. Safra Campus Givat Ram 91390 Jerusalem Israel (72)Name of Inventor: 1)BEN SASSON Shmuel 2)DAGAN Arie 3)PERLES Sharon
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(57) Abstract:

Tricyclic compounds compositions and uses thereof in the treatment of at least one disease disorder or condition such as for example obesity overweight abnormal fat distribution and any conditions or disease associated therewith.

No. of Pages: 38 No. of Claims: 46

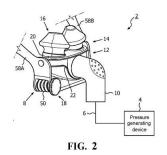
(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PATIENT INTERFACE DEVICE WITH TILT ANGLE ADJUSTING MECHANISM

(51) International classification	:A61M16/06	(71)Name of Applicant:
(31) Priority Document No	:61/559825	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:15/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056055	(72)Name of Inventor:
Filing Date	:31/10/2012	1)HAIBACH Richard Thomas
(87) International Publication No	:WO 2013/072797	2)ANDREWS Derrick Blake
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A patient interface device (8) includes a cushion assembly (16) including a nasal cushion member (20) and a frame assembly (14) having frame member (48) having a first arm (54A) and a second arm (54B). The cushion assembly is rotatably coupled to the first and second arm such that the cushion assembly rotates with respect to the frame assembly about an axis extending through the first arm and the second arm. In addition the frame assembly includes a drive mechanism (50) received and held by the frame member the drive mechanism being operatively coupled to the cushion assembly such that actuation of the drive mechanism changes a tilt angle of the cushion assembly relative to the frame assembly.



No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARING VILDAGLIPTIN

(51) International classification	:A61K31/4439	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LAURUS LABS PRIVATE LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVAS SIMHADRI
(61) Patent of Addition to Application Number	:NA	2)CHIRANJEEVI CHEEKATI
Filing Date	:NA	3)VENKATA SUNIL KUMAR INDUKURI
(62) Divisional to Application Number	:NA	4)SEETA RAMANJANEYULU GORANTLA
Filing Date	:NA	5)SATYANARAYANA CHAVA

(57) Abstract:

ABSTRACT The present invention relates to efficient, environment friendly and economical processes for the preparation of vildagliptin without isolating the intermediate compounds. Also provided is a process for the recovery of expensive l-aminoadamantane-3-ol and use thereof in the preparation of vildagliptin.

No. of Pages: 29 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application: 15/06/2009 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR MAKING AN ITEM OF CLOTHING LIKE AN ANKLE SOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:D04B1/26 :MI2006A 002383 :12/12/2006 :Italy :PCT/IB2007/003680 :26/11/2007 :WO 2008/072048 A1 :NA :NA	(71)Name of Applicant: 1)STEPS S.L. Address of Applicant: CARRER JOAN MARAGALL 10, APARTADO DE CORREOS 2092, ANDORRA LA VELLA, Andorra (72)Name of Inventor: 1)MAURO BUSI
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3362/CHENP/2009 A

(57) Abstract:

(19) INDIA

A method for making, through a circular machine for making socks with alternate motion, an item of clothing like an ankle sock in continuum stitched without seams to form a single piece made up of a front end elongated in the shape of a pocket, that can be associated with the toe of the foot and comprising a first and a second front portion, a rear end, also pocket-shaped, able to be associated with the heel of the foot and comprising a first and a second rear portion, and a connecting part between the front and rear ends, comprising a sole portion and two side portions, having an opening in which to insert the foot, all of the portions of the ankle sock being made with stitching steps, in which such a method foresees many simultaneous independent varn-feeders during all of the quoted stitching steps to obtain a single ankle sock.

No. of Pages: 13 No. of Claims: 13

(22) Date of filing of Application :07/05/2014

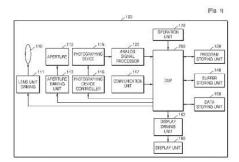
(43) Publication Date: 09/10/2015

(54) Title of the invention: ZOOM CONTROL METHOD AND APPARATUS AND DIGITAL PHOTOGRAPHING APPARATUS

(51) International classification	:H04N5/232	(71)Name of Applicant:
(31) Priority Document No	:1020110118515	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:14/11/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/006963	(72)Name of Inventor:
Filing Date	:31/08/2012	1)KIM Jong sun
(87) International Publication No	:WO 2013/073766	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A zoom control method and apparatus. The zoom control method allows a subject to be photographed by automatically performing a zooming operation with a proper composition and resolves a problem where a subject disappears from a screen due to the zooming operation.



No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

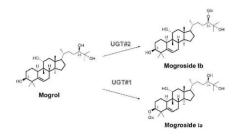
(54) Title of the invention: METHODS AND MATERIALS FOR ENZYMATIC SYNTHESIS OF MOGROSIDE COMPOUNDS

:C12P19/18,C12P33/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)EVOLVA SA :61/563303 (32) Priority Date :23/11/2011 Address of Applicant : Duggingerstrasse 23 CH 4153 Reinach (33) Name of priority country :U.S.A. Switzerland (86) International Application No :PCT/IB2012/002857 (72) Name of Inventor: Filing Date :19/11/2012 1)LIU Yaoquan (87) International Publication No :WO 2013/076577 2)LEE Jung Yeop (61) Patent of Addition to Application 3)KHARE Monika :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and materials for enzymatic synthesis of mogroside compounds described. A method of producing amogroside compound, said method comprising incubating mogrol with a Uridine-5-diphospho (UDP) dependent glucosyltransferase (UGT) to produce a mogroside compound





No. of Pages: 17 No. of Claims: 13

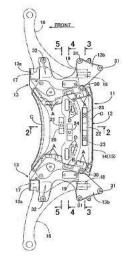
(22) Date of filing of Application: 15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: AUTOMOBILE SUBFRAME

(51) International classification	:B62D21/00	(71)Name of Applicant:
(31) Priority Document No	:2011250154	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:15/11/2011	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/079273	2)F TECH INC.
Filing Date	:12/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/073499	1)TAKAHASHI Hayato
(61) Patent of Addition to Application	:NA	2)TOMIKUDA Norio
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The joints between the body section (12) of an automobile subframe (11) and suspension support members (13) comprise: first joints (A) at which an upper plate (14) is joined to the suspension support members (13) while the upper plate (14) is directly superposed on the suspension support members (13); and second joints (B) at which a lower plate (15) is joined to the suspension support members (13) while the lower plate (15) is directly superposed on the suspension support members (13). The first and second joints (A B) extend in the front rear direction of the vehicle in such a manner that each of the first joints (A) and each of the second joint (B) are not superposed on each other. The configuration enables a load applied to the suspension support members (13) from suspension arms (16) to be directly transmitted to both the upper plate (14) and the lower plate (15) and as a result the joining strength between the body section (12) and the suspension support members (13) is increased. In addition the upper plate (14) and the lower plate (15) are joined to the suspension support members (13) from the same side and this eliminates the need to invert the attitude of a workpiece improving work efficiency.



No. of Pages: 21 No. of Claims: 4

(22) Date of filing of Application: 12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD OF PROCESSING FEED STREAMS CONTAINING HYDROGEN SULFIDE

(51) International classification :C10L3/06,C10G5/00,B01D53/52 (71)Name of Applicant:

:12/11/2012

(31) Priority Document No :61/559837 (32) Priority Date :15/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/064635 No

Filing Date

(87) International Publication :WO 2013/074441

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1) SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands (72) Name of Inventor:

1)MILAM Stanley Nemec 2)LAURITZEN Ann Marie

3) REYNOLDS Michael Anthony

4)PARUCHURI Eswarachandra 5)WELLINGTON Scott Lee

A method of processing feed streams high in hydrogen sulfide is provided. The method includes providing a feed gas stream that includes hydrogen sulfide and hydrocarbons. The feed gas stream has at least 5% by volume hydrogen sulfide. At least a portion of the feed gas stream is separated into a hydrogen sulfide stream and a hydrocarbon stream. The hydrogen sulfide stream includes more hydrogen sulfide by volume percent than the feed stream; and the hydrocarbon stream contains less hydrogen sulfide by volume percent than the feed gas stream. The hydrocarbon gas stream is processed to produce natural gas. At least 34 mol.% of the hydrogen sulfide in the hydrogen sulfide stream is combusted with an oxidant containing molecular oxygen to generate thermal power. The molar ratio of molecular oxygen to hydrogen sulfide in the hydrogen sulfide stream and oxidant that are combusted is at least 1.4:1. Thermal power generated by the combustion is utilized in one or more of the steps of separating the feed gas stream into the hydrogen sulfide stream and the hydrocarbon gas stream and processing the hydrocarbon gas stream to produce natural gas compressed natural gas or liquefied natural gas.

No. of Pages: 88 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3539/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SIDE PLUG IN FILTER CARTRIDGE

(51) International :A62B7/10,A62B23/02,A62B18/02

classification (31) Priority Document No :13/298402 (32) Priority Date :17/11/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/063801

Filing Date :07/11/2012

(87) International Publication :WO 2013/074337

No SA 1111

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)3M INNOVATIVE PROPERTIES COMPANY

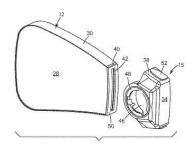
Address of Applicant :3M Center Post Office Box 33427 Saint

Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor:1)DWYER Gary E.2)LEGARE Pierre

A respirator (10) that includes a mask body (14) a filter cartridge receptacle (15) and a filter cartridge (12). The filter cartridge (12) has a side (30) that is capable of being plugged into the receptacle (15). The filter cartridge (15) can be inserted into the proper position within the receptacle (15) while the mask body (14) is being donned. The securement can be achieved without having the user visibly witness the actual engagement. An audible click or other indication can be provided so that the user knows that proper engagement has been achieved. The engagement may exhibit little spacing between the filter cartridge (12) and the mask body

(14) thereby improving viewer visibility and making the inventive respirator (10) more comfortable to wear.



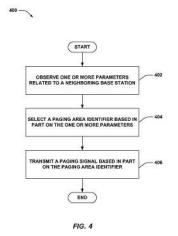
No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR IMPROVED PAGING AREA IDENTIFIER SELECTION IN WIRELESS NETWORKS CONTAINING LOW POWER BASE STATIONS

(57) Abstract:

The present disclosure presents methods and apparatuses for improved paging area identifier selection in femto nodes and other low power base stations. In some examples described in the present disclosure a method is provided for selecting a paging area identifier at a low power base station which includes determining whether a neighboring high power base station is detectable. Additionally the method can include observing where the neighboring high power base station is detectable a broadcasted paging area identifier of the neighboring high power base station. Furthermore example methods may include selecting a paging area identifier of the low power base station to be the broadcasted paging area identifier and transmitting the paging area identifier.



No. of Pages: 63 No. of Claims: 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : BIOMARKERS PREDICTIVE OF RESPONSIVENESS TO ALPHA 7 NICOTINIC ACETYLCHOLINE RECEPTOR ACTIVATOR TREATMENT

(71)Name of Applicant: (51) International classification :A61K31/44,A61P25/28 1)NOVARTIS AG (31) Priority Document No :61/549319 Address of Applicant: Lichtstrasse 35 4056 Basel Switzerland (32) Priority Date :20/10/2011 (72)Name of Inventor: (33) Name of priority country :U.S.A. 1)FEUERBACH Dominik (86) International Application No :PCT/IB2012/055692 2)GOMEZ MANCILLA Baltazar Filing Date :18/10/2012 3)HE Yunsheng (87) International Publication No :WO 2013/057687 4) JOHNS Donald (61) Patent of Addition to Application :NA 5)LOPEZ LOPEZ Cristina Number 6)MCALLISTER Kevin Hall :NA Filing Date 7)PEZOUS Nicole

:NA

:NA

(57) Abstract:

Filing Date

The invention provides methods for predicting therapeutic responsiveness of a subject suffering from cognitive impairments or dysfunctions psychotic and/or neurodegenerative disorders to an alpha 7 nicotinic acetylcholine receptor activator treatment.

8)SANDFORD Lisa

9)WEISS Markus

No. of Pages: 72 No. of Claims: 37

(62) Divisional to Application Number

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HAIR CUTTING DEVICE WITH IMPROVED CUTTING MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:01/11/2012 :WO 2013/068893 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)SABLATSCHAN Siegfried
1 (01110 01	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A cutting unit for a hair cutting device comprising a stationary cutting member wherein the stationary cutting member comprises a plurality of stationary blade pieces and a moving cutting member (10) wherein multiple cutting elements (11) are extending along a middle axis (A) from a base sheet (12) of the moving cutting member (10) wherein each cutting element (11) of the moving cutting member (10) comprises a proximal end (14) with a first width (W1) connected to the base sheet (12) and a distal end (16) with a second width (W2) facing away from the base sheet (12) a first flank (18) and a second flank (20) each extending from the proximal end (14) to the distal end (16) wherein the first flank (18) and/or the second flank (20) each comprising a blade edge (22) extending at least partially along the first flank (18) and/or the second flank (20) wherein the second width (W2) of the distal end (16) is larger than the first width (W1) of the proximal end (14). This arrangement allows an improved cut without plucking the hair.

No. of Pages: 20 No. of Claims: 12

(22) Date of filing of Application :08/05/2014 (43) Pub

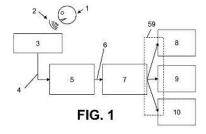
(43) Publication Date: 09/10/2015

(54) Title of the invention: USER INTERFACE USING SOUNDS TO CONTROL A LIGHTING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:02/11/2012 :WO 2013/076606 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)SCHLANGEN Lucas Josef Maria
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A user interface a method and a computer program product are provided for enabling a user to voice control over at least one setting of an apparatus such as a lighting system. The user interface determines a characteristic of an audio signal converted from vocal input of a user. A first setting of the apparatus is adjusted proportionally to a variation in the characteristic. Another setting of the apparatus may be adjusted on the basis of another chacteristic of the audio signal. As a result the user interface enables the user to control a lighting system over a substantially large or continous range of output.



No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ELECTRONIC BRACHYTHERAPY SOURCE FOR USE IN /NEAR MR SCANNERS

(51) International classification	:A61N5/10	(71)Name of Applicant:
(31) Priority Document No	:11188036.5	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:07/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056190	(72)Name of Inventor:
Filing Date	:06/11/2012	1)AMTHOR Thomas Erik
(87) International Publication No	:WO 2013/068921	2)WEISS Steffen
(61) Patent of Addition to Application	:NA	3)OVERWEG Johannes Adrianus
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A miniature X ray source (10) for high dose rate brachytherapy that can be operated in a wide range of operating directions (76) in the presence of a strong magnetic field (B) such as for instance the static magnetic field (B) of an MR scanner with at least one anode (12) and at least one cathode (14) wherein in an operative state an electric field (18) between the anode (12) and the cathode (14) is essentially spherically symmetric in at least a continuous solid angle of more than p/2 sr about a center (16) of the cathode (14); a brachytherapy system comprising at least one said miniature X ray source (10) and a method for generating a beam (82) of X ray radiation inside an outer magnetic field (B) or an operative MR scanner with said miniature X ray source (10).

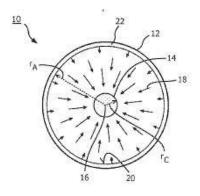


FIG. 1

No. of Pages: 20 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3702/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING PRIVATE SESSION BASED ACCESS TO A REDIRECTED USB DEVICE OR LOCAL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/06 :13/287982 :02/11/2011 :U.S.A. :PCT/US2012/062984 :01/11/2012 :WO 2013/067132	(71)Name of Applicant: 1)WYSE TECHNOLOGY L.L.C. Address of Applicant: 3471 N. First Street San Jose California 95134 U.S.A. (72)Name of Inventor: 1)KAUSHIK Puneet
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Restricting access to a device from a server where the device is remote to the server and is connected locally to a client that is remote to the server is described. The operations may include facilitating interception at the server of a function call to create a symbolic link; facilitating determination that the intercepted function call to create the symbolic link corresponds to a device object associated with the device that is remote to the server and is connected locally to a client that is remote to the server; facilitating obtaining configuration data indicating whether access to the device is to be restricted; and facilitating creation of the symbolic link in a local namespace of an object manager namespace of the server upon obtaining configuration data indicating that access to the device is to be restricted.

No. of Pages: 72 No. of Claims: 44

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR INTERFERENCE MANAGEMENT IN CELLULAR NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/11/2012 :WO 2013/070968 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)MAZZARESE David Jean Marie 2)LI Qiang 3)YU Zheng 4)XIAO Weimin 5)CLASSON Brian
(62) Divisional to Application Number Filing Date	:NA :NA	C) C2.1255 C1 \ 2.1441

(57) Abstract:

Notifying served user equipments (UEs) of the presence or absence of cell specific reference signal (CRS) symbols transmitted by neighboring base stations in the physical downlink shared channel (PDSCH) region of a subframe can be achieved through various of signaling techniques. The served UE may be notified by communicating a one or multi bit indicator in a physical layer signaling channel of the serving cell such as the physical downlink control channel (PDCCH) of the subframe. Alternatively the served UE may be notified through higher layer signaling.

No. of Pages: 26 No. of Claims: 23

(21) Application No.3609/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SOFTWARE DEPLOYMENT TOPOLOGY

(51) International :H04L12/46,H04L29/08,H04L29/06

classification

(31) Priority Document No :61/585188 (32) Priority Date :10/01/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/021048

:10/01/2013 Filing Date

(87) International Publication :WO 2013/106581

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)ORACLE INTERNATIONAL CORPORATION

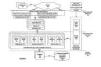
Address of Applicant :500 Oracle Parkway M/S 5op7 Redwood Shores California 94065 U.S.A.

(72) Name of Inventor:

1)ALIMINATI Janga

In accordance with an embodiment one or more software application products such as Oracle Fusion Applications can be installed and/or configured according to an integration and deployment design/blueprint that is built or optimized for use within a multi tiered deployment topology at an organization s (i.e. customer s) data center. Based on the customer site topology provisioning of the software applications can be optimized; and application life cycle operations performed. This enables each product to be aware of the topology which in turn provides customers with an out of the box solution. The topology can also be optimized for security performance and simplicity. In accordance with an embodiment the deployment topology can include thick client

functionality.



No. of Pages: 27 No. of Claims: 9

(21) Application No.3704/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LOW POWER DIGITAL PHASE INTERPOLATOR

(51) International classification: G06F1/00,H03H11/16,H03L7/00 (71) Name of Applicant: (31) Priority Document No 1)INTEL CORPORATION :NA (32) Priority Date Address of Applicant :2200 Mission College Boulevard MS: :NA (33) Name of priority country RNB 4 150 Santa Clara California 95052 U.S.A. :NA (72)Name of Inventor: (86) International Application :PCT/US2011/066472 No 1)SONG Hongjiang :21/12/2011 Filing Date (87) International Publication :WO 2013/095431 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Described herein is an apparatus method and system corresponding to relate to a low power digital phase interpolator (PI). The apparatus comprises: a digital mixer unit to generate phase signals from a series of input signals the phase signals having phases which are digitally controlled; a poly phase filter coupled to the digital mixer unit to generate a filtered signal by reducing phase error in the phase signals; and an output buffer coupled to the poly phase filter to generate an output signal by buffering the filtered signal. The low power digital PI consumes less power compared to traditional current mode PIs operating on the same power supply levels because the digital PI is independent of any bias circuit which are needed for current mode PIs.



No. of Pages: 36 No. of Claims: 27

(21) Application No.3705/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IMAGE PROCESSING DEVICE IMAGE PROCESSING METHOD AND RECORDING MEDIUM

(51) International :H04N5/232,H04N5/14,H04N7/173 classification

(31) Priority Document No :2011235157 (32) Priority Date :26/10/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/076585

:15/10/2012 Filing Date

(87) International Publication :WO 2013/061810

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)I CUBED RESEARCH CENTER INC.

Address of Applicant :26F Setagava Business Square Tower 4

10 1 Yoga Setagaya ku Tokyo 1580097 Japan

(72) Name of Inventor:

1)KONDO Tetsujiro

[Problem] Conventionally an image having poor balance was output at times. [Solution] Provided is an image processing device equipped with: a constraint storage unit that can store one or more constraints which are conditions to be applied to an image to be output and conditions to be obtained from a subject; a reception unit for receiving an image of the captured subject that possesses one or more fields; an image changing unit that applies the one or more constraints to the one or more fields possessed by the image

received by the reception unit changes the applied fields into one or more fields that match the one or more constraints and obtains the newly changed one or more fields; and an image output unit that outputs the one or more fields obtained by the image changing unit. With such a device an image with overall balance maintained can be output.

No. of Pages: 68 No. of Claims: 13

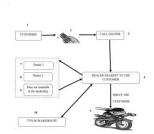
(22) Date of filing of Application :13/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEM AND METHOD TO UNDERSTAND A CUSTOMER'S REQUIREMENT FOR A CLIENT CALL SERVICE

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJIV SADEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention features a system for managing data of the customer and data of parts for a product at customer touch points. The invention is a synergistic integration of various resources such as Dealer Management system, Parts Catalogue system, Call center interface and Dealer interface. The customer can make queries or requests to the call center for availability of parts at the nearest dealer. If the parts are not available, the dealer can forward the customers request to the other next nearest dealership and the parts availability is confirmed by checking the stock status. The parts availability is communicated to the first dealer, who dispatches the parts to the customer. This system helps serve the customers in a better way. Figure 1



No. of Pages: 33 No. of Claims: 20

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PIR BASED OPTICALLY ISOLATED TRIAC CONTROL FOR 240 VAC DEVICES

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KALYAN RAM. B
(32) Priority Date	:NA	Address of Applicant :NO. 513, VINYAKA LAYOUT,
(33) Name of priority country	:NA	WHITEFIELD, BANGALORE - 560 066 Karnataka India
(86) International Application No	:NA	2)PANCHAKSHARAYYA. S. HIREMATH.
Filing Date	:NA	3)ARUN KUMAR. S
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KALYAN RAM. B
Filing Date	:NA	2)PANCHAKSHARAYYA. S. HIREMATH
(62) Divisional to Application Number	:NA	3)ARUN KUMAR. S
Filing Date	:NA	

(57) Abstract:

No. of Pages: 12 No. of Claims: 4

^{7.} Abstract This Invention is aimed at saving huge amount of electricity consumed by electric lamps that are being operated in regions involving excess movement of people such as Washrooms, Stairs, Corridors, Walkways, Garages, Parking lots etc. In addition to this, it also helps reduce the amount of wiring, piping and effort needed to put up an electric lamp in regions mentioned above by eliminating the need to install a switch to operate the electric lamp. Further, it helps in avoiding sparks that is generated every time a switch is turned on/off and also helps increase the life of the device by avoiding surge/spikes that is a common factor in electric devices being controlled by manually operated mechanical switches. The device under discussion includes a Passive Infrared sensor, a microcontroller, an optical isolator, a power adaptor, TRIAC enclosed in a packaging having a male bulb holder on one side and a female bulb holder on the other side. This device having a male bulb holder on one side fits into the wall/roof bulb holder (female) and provides the facility to place the electric lamp on its female bulb holder, i.e in short, this device is placed in between the electric lamp and the electric wall/roof socket bulb holder and thereby controls the operation of electric lamp based on the human movement detection accordingly.

(22) Date of filing of Application :09/05/2014

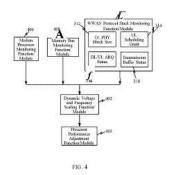
(43) Publication Date: 09/10/2015

(54) Title of the invention : USING WIRELESS WIDE AREA NETWORK PROTOCOL INFORMATION FOR MANAGING A PERFORMANCE LEVEL OF A PROCESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:05/12/2012	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)JIM Samson
 (87) International Publication No (61) Patent of Addition to Application Number	:WO 2013/086051 :NA :NA :NA :NA	2)KLINGENBRUNN Thomas 3)HSU Chih ping 4)SHAH Chaitanya Bhartan 5)AZIZ Farhan Muhammad 6)EHSAN Navid

(57) Abstract:

Methods and apparatuses are provided for managing a performance level of a processing circuit such as a modem by making adjustments to one or more operating parameters provided to the processing circuit such as a voltage supplied to the processing circuit and/or a clock frequency of the processing circuit. The processing circuit is adapted to monitor wireless wide area network (WWAN) protocol information. The processing circuit may adjust at least one operating parameter provided to the processing circuit in response to the monitored wireless wide area network (WWAN) protocol information.



No. of Pages: 42 No. of Claims: 46

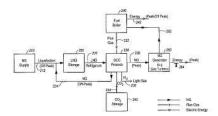
(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR INTEGRATED ENERGY STORAGE AND CRYOGENIC CARBON CAPTURE

(51) International classification	:F01K1/08,F01K25/10	(71)Name of Applicant:
(31) Priority Document No	:61/627998	1)SUSTAINABLE ENERGY SOLUTIONS LLC
(32) Priority Date	:22/10/2011	Address of Applicant :1489 West 105 North Orem Utah 84057
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/061392	(72)Name of Inventor:
Filing Date	:22/10/2012	1)BAXTER Larry L.
(87) International Publication No	:WO 2013/062922	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The systems and methods integrate energy storage with cryogenic carbon capture providing effective grid management and energy efficient carbon capture capabilities to power plants. The systems store energy during off peak demand by using off peak energy to compress natural gas to form liquefied natural gas (LNG) and storing the LNG for use as a refrigerant. The systems use the stored LNG as a refrigerant in a cryogenic carbon capture (CCC) process to isolate carbon dioxide from light gases in a flue gas. The systems supply energy during peak demand by burning the natural gas warmed by the CCC process to generate power.



No. of Pages: 50 No. of Claims: 20

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS FOR CLUSTER DETECTION

(51) International :G01N21/51,G01N21/64,G01N33/543 classification

(31) Priority Document No :61/559307 (32) Priority Date :14/11/2011 (33) Name of priority

:U.S.A. country

(86) International :PCT/IB2012/056186

Application No :06/11/2012 Filing Date

(87) International :WO 2013/072806

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

Publication No

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor:

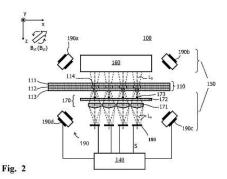
1)SCHLEIPEN Johannes Joseph Hubertina Barbara

2)PRINS Menno Willem Jose

3)RANZONI Andrea

(57) Abstract:

xzyz0sxzyz0The invention relates to a sensor apparatus (100) and a method for detecting clusters with magnetic particles in a sample. The sample is provided in at least one sample chamber (114) of a substantially planar cartridge (110) that is exposed to a modulated magnetic field (B B) generated by a magnetic field generator (190). The sample chamber (114) is illuminated with excitation light (L) and the resulting output light (L) is detected by a light detector (180). The magnetic field (B B) may particularly rotate inducing a corresponding rotation of clusters which in turn induces a variation of the detection signal (S). According to a preferred embodiment excitation light (L) is focused onto blocking spots (173) behind the sample chamber (114) thus shielding the light detector (180) from direct illumination.



No. of Pages: 25 No. of Claims: 14

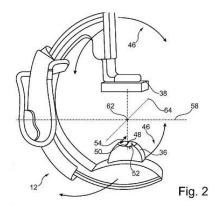
(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ENLARGED ANGULAR GATING WINDOW C ARM IMAGE ACQUISITION

(51) International classification	:A61B6/02,H01J35/10	(71)Name of Applicant:
(31) Priority Document No	:61/558468	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:11/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056054	(72)Name of Inventor :
Filing Date	:31/10/2012	1)GRASS Michael
(87) International Publication No	:WO 2013/068888	2)SCH,,FER Dirk
(61) Patent of Addition to Application	:NA	3)BRENDEL Bernhard Johannes
Number	:NA	4)LORENZ Cristian
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to C arm X ray imaging. In order to provide C arm CT image acquisition with an enlarged gating window a C arm structure (12) for X ray imaging is provided comprising a C arm (32) a movable C arm support (34) an X ray source (36) and an X ray detector (38). The C arm comprises a first end (40) and a second end (42) wherein the X ray source is mounted to the first end and the detector is mounted to the second end. The C arm is mounted to the C arm support such that the X ray source and the detector are movable around an object (44) of interest on respective trajectories (46). The X ray source comprises at least a first focal spot (48) and a second focal spot (50) spaced apart from each other with a focal spot distance (52) in an offset direction (54) which offset direction is aligned with the trajectory.



No. of Pages: 27 No. of Claims: 15

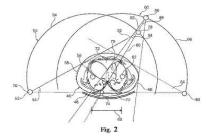
(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: C ARM SYSTEM WITH EXTENDED FIELD OF VIEW

(51) International classification	:A61B6/03	(71)Name of Applicant:
(31) Priority Document No	:61/558539	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:11/11/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056306	(72)Name of Inventor:
Filing Date	:09/11/2012	1)SCH,,FER Dirk
(87) International Publication No	:WO 2013/068987	2)GRASS Michael
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a C arm X ray imaging system. In order to provide C arm systems with an extended three dimensional field of view a C arm X ray imaging system (10) provided to acquire extended three dimensional images of an object is provided comprising a C arm structure (12) with an X ray source (14) and an X ray detector (16) mounted across from the X ray source a motorized drive (22) for a rotational movement of the C arm structure and a control unit (26). The C arm structure is provided to perform a rotational scan around an axis of rotation and around an ISO centre acquiring a number of X ray projections in order to generate image data for a reconstructed three dimensional field of view. The control unit is configured to control the motorized drive and to cause the rotational movement of the C arm structure to perform a first rotational X ray scan (50) around a first ISO centre (56) with a first axis of rotation for a first field of view and to perform at least a second rotational X ray scan (60) around a second ISO centre (62) with a second axis of rotation for a second field of view. The first and the second centre of rotation are displaced in relation to each other such that a connection line between the first and the second ISO centre is arranged transverse to the first and the second axis of rotation.



No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :16/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHODS OF PREPARATION AND FORMING SUPPORTED ACTIVE METAL CATALYSTS AND **PRECURSORS**

(51) International classification: B01J37/03,B01J37/02,B01J29/06 (71) Name of Applicant: (31) Priority Document No :1118228.4

(32) Priority Date :21/10/2011 (33) Name of priority country :U.K.

(86) International Application :PCT/EP2012/070897

:22/10/2012 Filing Date

(87) International Publication :WO 2013/057319

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)IGTL TECHNOLOGY LTD

Address of Applicant: 111 Gallowgate Aberdeen

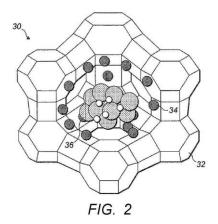
Aberdeenshire AB25 1BU U.K.

(72)Name of Inventor:

1)HYMAN Richard

(57) Abstract:

The invention relates to a method of preparing a supported catalyst which method comprises the steps of; (i) providing a porous catalyst support comprising a framework having an internal pore structure comprising one or more pores which internal pore structure comprises a precipitant; (ii) contacting the catalyst support with a solution or colloidal suspension comprising a catalytically active metal such that on contact with the precipitant particles comprising the catalytically active metal are precipitated within the internal pore structure of the framework of the catalyst support. The invention also relates to supported catalysts made according to the above method and to use of the catalysts in catalysing chemical reactions for example in the Fischer Tropsch synthesis of hydrocarbons.



No. of Pages: 48 No. of Claims: 32

(22) Date of filing of Application :15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: X RAY IMAGING GUIDING SYSTEM FOR POSITIONING A PATIENT

(51) International classification :A61B6/08,A61B6/04,G01T1/00 (71)Name of Applicant :

(31) Priority Document No :11189668.4 (32) Priority Date :18/11/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/IB2012/056458

Filing Date :15/11/2012

(87) International Publication No: WO 2013/072872

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA

Number :NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor: 1)GOOEN Andr

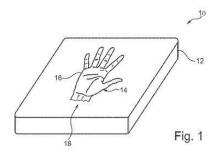
2) LEVRIER Claire 3)VOGTMEIER Gereon 4)FLORENT Raoul

5)ROOSE Liesbet Hilde Hadewijch

6)VON BERG Jens

(57) Abstract:

The present invention relates to guiding in positioning a region of interest of a patient for X ray image acquisition. In order to improve and facilitate positioning of a patient for X ray image acquisitions an X ray imaging guiding system (10) for positioning a patient for X ray image acquisitions is provided comprising an X ray detector arrangement (12) and adaptable graphical positioning information (14). The graphical positioning information comprises at least a graphical target anatomy representation (16). The graphical target positioning information is provided in spatial relation with the X ray detector arrangement. The graphical target anatomy representation indicates a target position (18) of a respective anatomy of the patient for a determined X ray image acquisition. Further the graphical positioning information is adaptable in accordance with the determined X ray image acquisition.



No. of Pages: 39 No. of Claims: 21

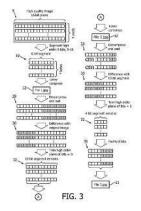
(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : ENCODING HIGH QUALITY (MEDICAL) IMAGES USING STANDARD LOWER QUALITY (WEB) IMAGE FORMATS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/26 :61/561429 :18/11/2011 :U.S.A. :PCT/IB2012/056499 :16/11/2012 :WO 2013/072889 :NA :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)SEDAN Boaz
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(57) Abstract:

A system for encoding web accessible high quality medical images (5) includes one or more processors (45) and one or more servers(14). The one or more processors a reprogrammed to divide (54) the high quality medical image into multiple 8 bit files (12) by bit location in each pixel of the high quality medical image (5) and padding bits in each file to total 8 bits where the divided number of bits from the high quality medical is less than 8 bits. The one or more processors compress (56) each 8 bit file. The one or more servers (14) are configured to send the compressed files in response to a hyper text transport protocol(HTTP) request for the high quality medical image (5).



No. of Pages: 24 No. of Claims: 20

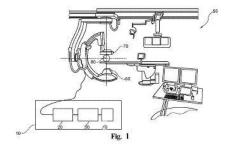
(22) Date of filing of Application: 15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PAIRING OF AN ANATOMY REPRESENTATION WITH LIVE IMAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/11/2012 :WO 2013/072818 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)FLORENT Raoul 2)NEMPONT Olivier Pierre 3)CATHIER Pascal Yves Fran§ois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to pairing an anatomy representation with live images. In order to provide an enhanced and more flexible pairing of an anatomy representation with live images for pairing an anatomy representation with live images reference projected anatomy image data of a device in a spatial relation to the anatomy is provided (100) wherein the image data comprises at least a first and second image showing the device from different viewing angles. Further an anatomy representation with an anatomy frame of reference is provided (200). The anatomy representation is brought (300) into spatial coherence with the at least first and second image of the reference projected anatomy image data. A three dimensional model of the device within the anatomy frame of reference is computed (400) from the projected anatomy image data. At least one live image is provided (500) containing the device. The model and the at least one live image are registered (600) based on the device information contained in the live image. The anatomy representation is brought (700) into spatial correspondence with the at least one live image based on the registering of the model and the at least one live image. The registered anatomy is combined (800) with the at least one live image.



No. of Pages: 26 No. of Claims: 13

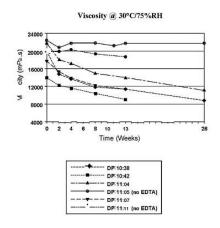
(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CELLULOSIC GEL COMPOSITION WITH IMPROVED VISCOSITY STABILITY

(51) International classification	:A61K9/00,A61K47/38	(71)Name of Applicant:
(31) Priority Document No	:61/567294	1)ALCON RESEARCH LTD.
(32) Priority Date	:06/12/2011	Address of Applicant :6201 South Freeway Mail Code TB4 8
(33) Name of priority country	:U.S.A.	Fort Worth Texas 76134 2099 U.S.A.
(86) International Application No	:PCT/US2012/066799	(72)Name of Inventor:
Filing Date	:28/11/2012	1)TORRELLA Gemma
(87) International Publication No	:WO 2013/085769	2)ALMERA Guadalupe
(61) Patent of Addition to Application	:NA	3)GARC%S Jordi
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to cellulosic gel compositions having improved viscosity stability through the exclusion of particular antioxidants and/or the exclusion of chemical entities that tend to produce free radicals. Preferably the composition is an ophthalmic cellulosic gel composition that is suitable as a multi dose composition.



No. of Pages: 22 No. of Claims: 20

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SFP MSA COMPATIBLE MODULE WITH BOUNDARY CLOCK FUNCTIONALITY

(51) International classification	·G02B6/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TEJAS NETWORKS LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 25, JP SOFTWARE PARK,
(33) Name of priority country	:NA	ELECTRONICS CITY, PHASE-1, HOSUR ROAD,
(86) International Application No	:NA	BANGALORE - 560 100 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHIRAJ KIRAN BAYYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A small form factor pluggable (SFP) PTP slave module with integrated PTP slave functionality is disclosed. The SFP PTP slave module comprises an OC-S module configured to retrieve the information corresponding to at least frequency, phase and time-of-day, subsequent to the slave module being synchronized with a network grandmaster. The PTP slave module is configured to support PTP (Precision Timing Protocol)/IEEE1588v2. The SFP slave module is further configured to synchronize a network element with the network grandmaster, on being electronically coupled to the network element.

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR DETERMINING DISTANCE IN A WI FI NETWORK

(51) International classification :H04W64/00,G01S5/02,H04J3/06 (71)Name of Applicant: 1)QUALCOMM INCORPORATED (31) Priority Document No :13/297202 (32) Priority Date Address of Applicant: 5775 Morehouse Drive San Diego :15/11/2011 (33) Name of priority country California 92121 1714 U.S.A. :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2012/064524 1)CHEN Qifan :09/11/2012 Filing Date 2)SHI Kai (87) International Publication 3)ZHANG Ning :WO 2013/074424 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method and apparatus for improving the accuracy of a round trip time (RTT) estimate between a first device and a second device are disclosed. The method involves calculating an acknowledgement correction factor and a unicast correction factor. These correction factors are used to compensate for symbol boundary time errors resulting from multipath effects.

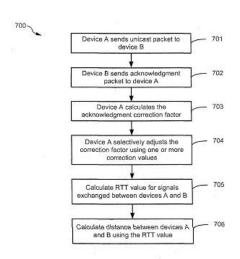


FIG. 7

No. of Pages: 26 No. of Claims: 20

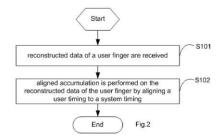
(22) Date of filing of Application: 12/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: FINGER ALIGNED ACCUMULATION METHOD AND DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04B1/7115 :201110309616.3 :13/10/2011 :China :PCT/CN2012/076180 :28/05/2012 :WO 2013/053236 :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor: 1)ZHANG Linsheng 2)FENG Liguo 3)HONG Sihua
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a finger aligned accumulation method and device. The method comprises: receiving reconstructed user finger data; and performing aligned accumulation processing on the user finger data in the manner of aligning a user time setting and a system time setting to each other. In the present invention by performing aligned accumulation processing on user finger data in the manner of aligning a user time setting and a system time setting to each other one system clock can be aligned to and accumulated with user finger data of one relevant length and the relevant length is configurable so as to eventually implement the alignment of the user time setting to the system time setting increasing the efficiency of finger aligned accumulation in a WCDMA system solving the problem of a RAM read write conflict for sequential finger aligned accumulation significantly enhancing the processing capability of the interference cancellation system of a WCDMA system.



No. of Pages: 38 No. of Claims: 13

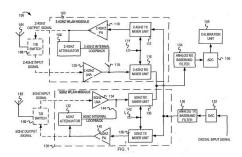
(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TRANSMIT POWER CALIBRATION IN A COMMUNICATION SYSTEM

(51) International classification	:H04B17/00,H04B1/00	(71)Name of Applicant:
(31) Priority Document No	:61/560101	1)QUALCOMM INCORPORATED
(32) Priority Date	:15/11/2011	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/065309	(72)Name of Inventor:
Filing Date	:15/11/2012	1)LEE MeeLan
(87) International Publication No	:WO 2013/074808	2)FOK Wilson
(61) Patent of Addition to Application	:NA	3)SU David K.
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Functionality can be implemented to calibrate the output transmit power of a power amplifier of a network device without the use of test equipment. An RF signal can be transmitted at the saturated output power (of a power amplifier) from a transmitter unit to a receiver unit of the network device via a loopback path. A received power of the RF signal received via the loopback path can be measured. The loopback gain associated with the network device is determined based on the saturated output power and the measured received power. The output transmit power can be calibrated by iteratively decreasing the output transmit power by an unknown value transmitting a new RF signal via the loopback path at the decreased output transmit power measuring the new received power and calculating the decreased output transmit power using the loopback gain and the measured new received power.



No. of Pages: 46 No. of Claims: 28

(21) Application No.3772/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A METHOD AND APPARATUS FOR AUDIO CODING USING CONTEXT DEPENDENT **INFORMATION**

(51) International :H04L1/00,G10L19/00,H04W52/26 classification

:25/10/2011

(31) Priority Document No (32) Priority Date :NA

(33) Name of priority country: NA (86) International Application :PCT/IB2011/054759

No

Filing Date

(87) International Publication :WO 2013/061113

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)NOKIA CORPORATION

Address of Applicant: Keilalahdentie 4 FIN 02150 Espoo

Finland

(72) Name of Inventor:

1)LAAKSONEN Lasse Juhani

(57) Abstract:

A method comprising determining a first geographical location; processing contextual dependent data to generate a priori information indicative of the quality of a communication channel associated with the first geographical location wherein the contextual dependent data comprises at least one communication channel quality measure relating to the first geographical location; determining a codec function signal dependent on the a priori information indicative of the quality of the communication channel associated with the first geographical location; and encoding an audio signal according to the determined codec function signal.

No. of Pages: 44 No. of Claims: 45

(22) Date of filing of Application :15/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PHYTOREMOVAL OF DYES FROM LIQUID AND WASTE WATER THROUGH PHYTOPRECIPITATION OF SULPHATE, CHLORIDE, NITRATE SALTS OF IRON AND THEIR COMBINATION THEREOF

(57) Abstract:

The present invention discloses a novel method for phytoremoval of dyes from liquid and waste water using a plant product. The method encompasses the removal of dyes through phytoprecipitation of sulphate, chloride, nitrate salts of iron and their combination thereof, on supplementation of the salts and the plant product derived by boiling the plant part in water and used either concentrated or as such to the waste water, at preordained ratio and environmental conditions (such as pH, Temperature). Upon providing appropriate time interval, the precipitated complexes containing the dyes are separated from the waste water through filtration.

No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: GENERATING ADDITIONAL MERGE CANDIDATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/11/2012 :WO 2013/070757 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)ZHENG Yunfei 2)WANG Xianglin 3)KARCZEWICZ Marta
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In generating a candidate list for inter prediction video coding a video coder can perform pruning operations when adding spatial candidates and temporal candidates to a candidate list while not performing pruning operations when adding an artificially generated candidate to the candidate list. The artificially generated candidate can have motion information that is the same as motion information of a spatial candidate or temporal candidate already in the candidate list.



No. of Pages: 71 No. of Claims: 29

(21) Application No.3403/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A COMPOSITION FOR USE IN FORMING MOULD CORES FOR USE IN MOULDING CERAMIC PARTS

	n:B29C33/38,B29C39/26,B28B7/00	(71)Name of Applicant:
(31) Priority Document No	:3711/CHE/2011	1)WEIR MINERALS (INDIA) PRIVATE LIMITED
(32) Priority Date	:31/10/2011	Address of Applicant :#471/D 1 3rd Main 4th Phase Peenya
(33) Name of priority country	:India	Industrial Area Bangalore Karnataka 560058 Karnataka India
(86) International Application	DCT/A1/2012/001226	(72)Name of Inventor:
No	:PCT/AU2012/001326 :30/10/2012	1)GOVINDAN THANDAVA KRISHNAN Shrinivasan
Filing Date	.30/10/2012	
(87) International Publication	:WO 2013/063639	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

A composition and associated methods for use in forming mould cores for use in moulding ceramic parts is described including: epoxy resin; and a water absorbent material; wherein the composition includes more than 10% by weight of the water absorbent material.

No. of Pages: 8 No. of Claims: 9

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SEAMLESS TILING TO BUILD A LARGE DETECTOR

:G01T1/20,G01T1/24,G01T1/29 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/556870 (32) Priority Date :08/11/2011

(33) Name of priority country :U.S.A.

(86) International Application No: PCT/IB2012/056176

Filing Date :06/11/2012 (87) International Publication No: WO 2013/068912

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

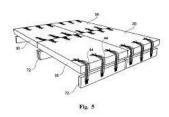
1)POORTER Tiemen 2) DEKKER Ronald

3)HENNEKEN Vincent Adrianus

4) VAN VEEN Nicolaas Johannes Anthonius

(57) Abstract:

The present invention relates to a detector tile a detector panel arrangement an X ray detector an X ray imaging system and a method for providing a detector tile for a seamless detector surface with a continuous pixel array. In order to build a large area detector with reduced gap appearance a detector tile (30) is provided having a flat primary substrate (32) and a surface layer (34) with a circuitry arrangement (36). The surface layer is arranged on a front side (38) of the primary substrate covering the primary substrate. The circuitry arrangement comprises a number of detector pixels (40) providing a pixel array (42) wherein at least one connection opening (44) is provided in the surface layer and the flat primary substrate at least at one edge of the detector tile which connection opening is leading from the surface layer to the rear of the substrate for guiding electrical connection elements between the front side and the rear of the detector tiles. At all circumferential edges of the detector tile the surface layer comprises at least portions (46) with pixels which portions extend to the edge.



No. of Pages: 29 No. of Claims: 15

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PROCESS FOR PRODUCING CERIA ZIRCONIA ALUMINA COMPOSITE OXIDES AND APPLICATIONS THEREOF

(51) International classification: B01D53/94,B01J23/00,B01J37/08 (71) Name of Applicant:

:WO 2013/062842

(31) Priority Document No :13/283123 (32) Priority Date :27/10/2011 (33) Name of priority country

:U.S.A. (86) International Application

:PCT/US2012/060747 :18/10/2012

Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY

Address of Applicant:5th Floor 25 Farringdon Street London

EC4A 4AB U.K.

(72) Name of Inventor:

1)CHANG Hsiao Lan

2) CAUFFMAN Scott Daniel

3)CHEN Hai Ying

4)ANDERSEN Paul Joseph

(57) Abstract:

A process for producing a ceria zirconia alumina composite oxide is disclosed. The process comprises combining a cerium (IV) compound and a zirconium (IV) compound with a slurry of aluminum oxide at a temperature greater than 40°C to produce a reaction slurry then contacting the reaction slurry with a precipitating agent to precipitate insoluble cerium and zirconium compounds onto the aluminum oxide and form cerium zirconium aluminum oxide particles and calcining the cerium zirconium aluminum oxide particles to produce a ceria zirconia alumina composite oxide. The process to produce ceria zirconia alumina composite oxides provides a material having a high oxygen storage/release capacity that is suitable for a catalyst with enhanced cleaning of the exhaust gases from internal combustion engines.

No. of Pages: 15 No. of Claims: 16

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : BLOCK COPOLYMER HAVING PHENYLBORONIC ACID GROUP INTRODUCED THEREIN AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G81/00 :61/561022 :17/11/2011 :U.S.A. :PCT/JP2012/079897 :19/11/2012 :WO 2013/073697 :NA :NA	(71)Name of Applicant: 1)THE UNIVERSITY OF TOKYO Address of Applicant: 3 1 Hongo 7 chome Bunkyo ku Tokyo 1138654 Japan 2)NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY 3)NANOCARRIER CO. LTD. (72)Name of Inventor: 1)KATAOKA Kazunori 2)ISHII Takehiko 3)NAITO Mitsuru 4)MATSUMOTO Akira 5)KATO Yasuki
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(57) Abstract:

The present invention provides a block copolymer which can act as a carrier that can achieve both the stability of a biotechnology based drug in blood and the release of the biotechnology based drug at an affected area. The block copolymer according to the present invention comprises a polyamino acid chain segment and a hydrophilic polymer chain segment wherein the polyamino acid chain segment contains an amino acid residue having a cationic group in a side chain thereof and an amino acid residue having a phenylboronic acid group in a side chain thereof wherein at least one hydrogen atom in a phenyl ring in the phenylboronic acid group is substituted so that the resultant block copolymer can have a pKa value close to the physiological pH value.

No. of Pages: 66 No. of Claims: 8

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

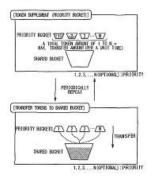
(54) Title of the invention : NETWORK COMMUNICATION DEVICE AND TRANSFER FRAME PRIORITY BAND RESTRICTION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:15/11/2012 :WO 2013/073639 :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)MATSUMURA Shihomi 2)TAKASHIMA Masanori 3)SUZUKI Yoji
	:NA :NA	3)SUZUKI Yoji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a network communication device with which when a transfer or disposal process is implemented in which a priority is assigned to each transfer frame in a network communication apparatus a band restriction is carried out to avoid congestion at a transfer destination device. Specifically a bucket is disposed for each priority and a token quantity is supplemented according to the priority. Before evaluating the buckets a shared bucket is disposed. For each given period all of the tokens which are present in the buckets which are disposed for each priority are assigned to the shared bucket. Overflow tokens exceeding the depth of the shared bucket are disposed of. So long as the tokens are present in the shared bucket all frames are evaluated equally and transferred regardless of frame priority. If no tokens are present in the shared bucket a switch is made to a priority restriction and each priority bucket is evaluated. The bucket which corresponds to the priority of the frame is verified and if the token is present a frame transfer process is carried out. If the token is not present a frame disposal process is carried out.

Fig. 2



No. of Pages: 47 No. of Claims: 9

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SYSTEM FOR OFFLINE PROCESSING OF PURCHASES

(51) International :G06Q20/36,G06Q20/04,H04B5/00 classification

(31) Priority Document No :13/280231

(32) Priority Date :24/10/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/061756

:24/10/2012

Filing Date

(87) International Publication :WO 2013/063166

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)GOOGLE INC.

Address of Applicant: 1600 Amphitheatre Parkway Mountain

View CA 94043 U.S.A. (72) Name of Inventor:

1)SPRINGER Michael William

2)JIANG Fan

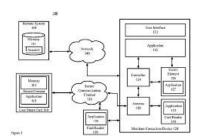
3)OKONKWO Aneto Pablo

4)LISOWIEC Malgorzata Monika

5)LEUNG Patrick Pui Wah

(57) Abstract:

Offline processing and storage of purchases is possible with the tap of a smart card to a contactless device. The smart card transmits its transaction history to the contactless device. The user may deposit funds onto the smart card wherein the merchant enters the deposit information onto the contactless device and transmits a request to the remote system. The remote system processes the request and transmits a deposit record to the contactless device which in turn transmits the deposit record to the smart card. The user also may withdraw funds from the smart card wherein the contactless device determines whether the smart card has a sufficient balance available by reading the current sum of deposits and the current sum of withdrawals from the smart card. The sum of withdrawals is current on the smart card even if the contactless device does not have network access to the remote system.



No. of Pages: 46 No. of Claims: 41

(22) Date of filing of Application :20/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING SYNTHETIC QUARTZ GLASS BY DEPOSITION FROM THE VAPOR PHASE AND BY ATOMIZING THE LIQUID SILOXANE STARTING MATERIAL

:C03B19/14,C03B37/014 (71)Name of Applicant : (51) International classification (31) Priority Document No :102011119339.5 (32) Priority Date :25/11/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/073345

Filing Date :22/11/2012 :WO 2013/076195

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

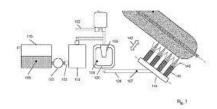
1)HERAEUS OUARZGLAS GMBH & CO. KG

Address of Applicant :Quarzstrasse 8 63450 Hanau Germany

(72)Name of Inventor: 1)FABIAN Heinz 2)R-PER J1/4rgen

(57) Abstract:

22222222The invention relates to a method for producing synthetic quartz glass comprising the following method steps: (A) providing a liquid SiO starting material (105) that contains more than 70 % by weight of polyalkylsiloxane D4; (B) vaporizing the liquid SiO starting material (105) in a gaseous SiO starting vapor (107); (C) converting the SiO starting vapor (107) to form SiO particles; (D) depositing the SiO particles on a deposition surface (160) to form a SiO soot body (200); (E) vitrifying the SiO soot body to form the synthetic quartz glass. According to the invention the vaporizing of the heated SiO starting material (105) comprises an injection phase in an expansion chamber (125) in which the SiO starting material (105) is atomized into fine droplets the droplets having an average diameter of less than 5 µm preferably less than 2 µm.



No. of Pages: 28 No. of Claims: 6

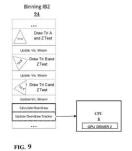
(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SWITCHING BETWEEN DIRECT RENDERING AND BINNING IN GRAPHICS PROCESSING USING AN OVERDRAW TRACKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/11/2012 :WO 2013/081788 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)SEETHARAMAIAH Avinash 2)FRASCATI Christopher Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure presents techniques and structures for determining a rendering mode (e.g. a binning rendering mode and a direct rendering mode) as well as techniques and structures for switching between such rendering modes. Rendering mode may be determined by analyzing rendering characteristics. Rendering mode may also be determined by tracking overdraw in a bin. The rendering mode may be switched from a binning rendering mode to a direct rendering mode by patching commands that use graphics memory addresses to use system memory addresses. Patching may be handled by a CPU or by a second write command buffer executable by a GPU.



No. of Pages: 51 No. of Claims: 28

(22) Date of filing of Application :20/05/2014

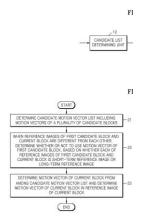
(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING MOTION VECTOR FOR VIDEO CODING OR VIDEO DECODING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No		(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor:
Filing Date	:08/11/2012	1)KIM II koo
(87) International Publication No	:WO 2013/069990	2)PARK Young o
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for determining a motion vector by means of motion vector prediction and a device for the same. Disclosed is a motion vector determination method in which a candidate motion vector list is determined the list comprising motion vectors for a plurality of candidate blocks referenced for the prediction of a motion vector for a current block and if the reference picture for a first candidate block among the plurality of candidate blocks is different to the reference picture of the current block whether or not to use from the candidate motion vector list the motion vector of the first candidate block is determined on the basis of whether the reference picture of the current block and the reference picture of the first candidate block are each a short term reference picture or a long term reference picture and thus the motion vector for the current block is determined using the candidate motion vector selected from among the motion vectors included in the candidate motion vector list.



No. of Pages: 96 No. of Claims: 15

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MECHANISM FOR CONNECTING ELECTRIC MOTORS

:H02K5/22,B60K1/02,B60K6/00 (71)Name of Applicant : (51) International classification

:NA

(31) Priority Document No :2011255235 (32) Priority Date :22/11/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/080087

Filing Date

:20/11/2012

(87) International Publication No: WO 2013/077329

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72) Name of Inventor: 1)GENDA Tarou

2)ONO Koichi 3)YAMADA Satoshi 4)YAZAKI Manabu

(57) Abstract:

The rotational axis of a first electric motor (102A) and the rotational axis of a second electric motor (102B) are disposed on the same straight line. A connector (72A) for the first electric motor (102A) and a connector (72B) for the second electric motor (102B) are positioned orthogonal to a straight line (O) and substantially mirror symmetrically about a middle plane (M) positioned between a first electric motor body (2A) and a second electric motor body (2B) U phase V phase and W phase lead out conductors (92u 92v 92w) of the first electric motor (102A) and U phase V phase and W phase lead out conductors (92u 92v 92w) of the second electric motor (102B) are positioned in non mirror symmetry and the dimensions of U phase V phase and W phase relay conductors (93u 93v 93w) of the first electric motor (102A) and the dimensions of U phase V phase and W phase relay conductors (93u 93v 93w) of the second electric motor (102B) are different.

No. of Pages: 64 No. of Claims: 18

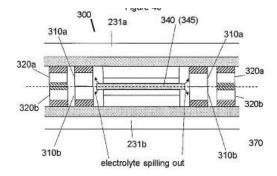
(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN APPARATUS AND ASSOCIATED METHODS

(51) International classification	:H05K1/14,H01G9/145	(71)Name of Applicant:
(31) Priority Document No	:13/281919	1)NOKIA CORPORATION
(32) Priority Date	:26/10/2011	Address of Applicant :Keilalahdentie 4 FI 02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2012/050863	(72)Name of Inventor:
Filing Date	:06/09/2012	1)HIRALAL Pritesh
(87) International Publication No	:WO 2013/060923	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one or more examples described herein there is provided an apparatus which comprises first and second circuit boards (230a 230b) with respective electrodes thereon the first and second circuit boards (230a 230b) in a bonded configuration one or more first layers (310a 310b) positioned to be proximal to the one or more of the electrodes electrolyte (345) proximal to the respective electrodes and one or more second layers (320a 320b). The second layers (320a 320b) are configured to provide for the bonded configuration in which the first and second circuit boards (230a 230b) are bonded together under curing such that the respective one or more first layers (310a 310b) are positioned between the one or more second layers (320a 320b) and the electrodes. The bonding defines a chamber between the second layers (320a 320b) and the electrodes with the electrodes therein and facing one another and the chamber comprising the electrolyte (345). In addition the one or more first layers (310a 310b) are configured to inhibit the interaction of the electrolyte (345) with the one or more second layers (320a 320b) during curing.



No. of Pages: 43 No. of Claims: 20

(21) Application No.3533/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PREPARATION FOR PASSIVATING METAL SURFACES CONTAINING POLYMERS HAVING ACID GROUPS AND CONTAINING TI OR ZR COMPOUNDS

(51) International :C23C22/08,C23C22/47,C23C22/53

classification

(31) Priority Document No :11187747.8 (32) Priority Date :03/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/071326

No :29/10/2012 Filing Date

(87) International Publication: WO 2013/064442

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)SCHADE Christian

2)FLEISCHHAKER Friederike

3)WITTELER Helmut

(57) Abstract:

The invention relates to a preparation for passivating metal surfaces containing at least one itaconic acid homopolymer or copolymer (A) water and/or another solvent which is suitable for dissolving dispersing suspending or emulsifying the homopolymer or copolymer (A) as component (B) at least one organic Ti or Zr compound (C) and optionally at least one Zn or Mg salt (D). The invention further relates to a method for producing a passivation layer on a metal surface characterized in that the metal surface is treated with such a preparation. The invention further relates to a passivation layer on a metal surface that can be obtained by such a method. The invention further relates to a metal surface comprising such a passivation layer. The invention further relates to the use of preparations according to the invention for passivating a metal surface.

No. of Pages: 38 No. of Claims: 15

(22) Date of filing of Application: 10/09/2013 (43) Publication Date: 09/10/2015

(54) Title of the invention : NONI BASED AGROCEUTICAL FORMULATION FOR SEED PRIMING AND FOLIAR SPRAY AND ITS METHOD OF PREPARATION

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY AND
(32) Priority Date	:NA	NONI BIOTECH PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :THE PROFESSOR AND HEAD,
(86) International Application No	:NA	DEPARTMENT OF TRADE AND INTELLECTUAL
Filing Date	:NA	PROPERTY, TAMIL NADU AGRICULTURAL UNIVERSITY,
(87) International Publication No	: NA	COIMBATORE 641 003 Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. K. RAMAMURTHY
(62) Divisional to Application Number	:NA	2)DR. P. SRIMATHI
Filing Date	:NA	3)DR. PURATHUR IGNATIUS PETER

(57) Abstract:

The present invention is the noni based formulation and its method of preparation, which is used for priming of crop seeds and foliar applications to crops. The translucent noni seeds stored for two days were manually smashed and the seed and pulp were separated. The fruits with pulp were placed on a wire mesh sieve (BSS 22 x 22) and closed in air tight condition to avoid saprophytic fungal infection. The juice drips out from the fruits through the mesh after two days and the process extends upto 5-7 days. The juice collected at the bottom of the container was considered as 100 per cent noni fruit extract. Seeds were soaked in different concentrations of noni fruit extract adopting the seed to solution ratio of 1:1 for all crops except pulses (1:0.30) with soaking duration as per the requirement of the crop and dried back to original moisture content. The primed seeds were germinated under germination room conditions using germination paper media. Small seeded crops one per cent and in big seeded crops two per cent concentration of noni fruit extract improved the seed germination and seedling vigour index. One per cent dilution of noni fruit extract is effective in the case of marginal seed lots and 3 per cent dilution is effective in vegetative setts. The value added products were mixed with standardized noni fruit extract in three different ratios viz; 1:1, 2:1 and 3:1 (noni fruit extract: value added product). On evaluation of its efficiency, standardized noni fruit extract (1 percent) mixed with (10 percent) of Pseudomonas in 3:1 ratio improved the germination and dry matter production both in graded and ungraded seeds of greengram and other crops such as bajra, blackgram, cowpea, redgram and tomato. Three per cent dilution of noni fruit extract sprayed at vegetative and flowering stages increased growth and yield. Since one per cent diluted noni fruit extract was found to be the effective formulation for seed priming and three per cent diluted noni fruit extract for foliar spray at two stages of crop growth (vegetative and flowering) if seeds of crops sown without priming, further experiments were conducted to evaluate the combinations. The results reconfirmed that the combination of treatments (seed priming at one percent dilution and foliar spray at two stages of three per cent dilution of noni fruit extract) improved the productivity of crops.

No. of Pages: 21 No. of Claims: 1

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TEXT-AUGMENTED INTERACTIVE SELF-SERVICE TERMINAL SESSIONS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:H04N (71)Name of Applicant: :NA 1)NCR CORPORATION :NA 30096, USA U.S.A. :NA (72)Name of Inventor: :NA 1)Marreddy Thumma : NA 2)Mandapati Venkata Pradeep :NA
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(57) Abstract:

Various embodiments include text-augmented interactive self-service terminal sessions as may be implemented in whole or in part according to one or more of the systems, methods and software illustrated and described herein. One method embodiment includes an SST and a remote service representative terminal device. The remote service representative terminal device captures live audio and video to form a multimedia stream and performs speech-to-text processing against the audio to obtain text. The text is then added to the multimedia stream. In some embodiments, the multimedia stream is then provided over a network to the SST. The SST may then provide a view of audio and video of the multimedia stream along with a view of the text. The text in such embodiments is presented synchronously with the audio and video.

No. of Pages: 30 No. of Claims: 10

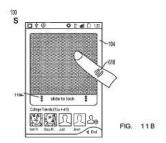
(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: USER EXPERIENCE ENHANCEMENTS FOR LIMITING CALLS IN A GROUP COMMUNICATION

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:61/554876	1)QUALCOMM INCORPORATED
(32) Priority Date	:02/11/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/062614	(72)Name of Inventor:
Filing Date	:30/10/2012	1)KERGER Kameron N.
(87) International Publication No	:WO 2013/066893	2)YAMAKAWA Devender A.
(61) Patent of Addition to Application	:NA	3)LAFATA Paul J.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

User experience enhancements for conducting group communication sessions may include displaying visual feedback on a display to indicate a state of a group communication session. Embodiments may include establishing a group communication channel with devices in a first operating mode in response to inputs on a user interface detecting actuation of a lock mechanism such as a target based sliding lock mechanism on a touchscreen user interface display and while the lock mechanism is actuated maintaining the group communication channel in a second operating mode. The second operating mode may be a lockout mode and/or a blocking mode with respect to at least one other device in the group communication.



No. of Pages: 98 No. of Claims: 72

(21) Application No.3737/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR ION EXCHANGE ON ZEOLITES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B39/02 :61/561294 :18/11/2011 :U.S.A. :PCT/IB2012/056205 :07/11/2012 :WO 2013/072808 :NA :NA :NA	 (71)Name of Applicant: 1)BASF SE Address of Applicant:67056 Ludwigshafen Germany (72)Name of Inventor: 1)LUYKEN Hermann 2)OWENS William Todd
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(57) Abstract:

The present invention relates to an improved process for exchanging sodium ions in zeolites comprising sodium ions and rare earth metal ions for ammonium ions. For this exchange aqueous solutions of ammonium salts for example ammonium sulfate ammonium nitrate or ammonium chloride are currently being used. The resulting ammonium zeolites are calcined to convert them with release of ammonia to the H form of the zeolites suitable as a catalyst. It is proposed in accordance with the invention to use ammonium carbonate instead of the ammonium compounds mentioned. Since excess ammonium carbonate in contrast to the nitrates sulfates or chlorides can be recycled in the form of carbon dioxide and ammonia the amount of salt which has to be discharged can be lowered significantly. The use of ammonium carbonate also minimizes the amount of rare earth metal ions which are leached out of the zeolites comprising rare earth metal ions.

No. of Pages: 14 No. of Claims: 2

(22) Date of filing of Application :24/03/2014

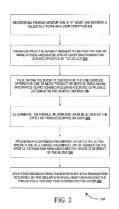
(43) Publication Date: 09/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR EMPOWERING CUSTOMER AND ENHANCING INDUSTRY GROWTH THROUGH AN INNOVATIVE TECHNIQUE OF TARGETED ADVERTISEMENTS

(51) International classification	·C060	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. BHARADWAJ DEVAGUPTAPU
to the state of th		
(32) Priority Date	:NA	Address of Applicant :NO.47/29E, VISWANATHAPURAM,
(33) Name of priority country	:NA	MAIN ROAD, KODAMBAKKAM, OPPOSITE
(86) International Application No	:NA	RAGHAVENDRA MARRIAGE HALL, CHENNAI - 600 024
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. BHARADWAJ DEVAGUPTAPU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Abstract The present invention relates to a system and method to empower the customer and enhancement of the growth of a business through advertisement both in the computer and mobile network. Particularly, the invention concerns with such 5 advertisement usable in any business which is required by a consumer in particular/specified locality. Further, the invention relates to the system and method of targeting the right customers with the participation of the very same customers. Figure 2 (for publication)



No. of Pages: 30 No. of Claims: 14

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: AN IMPLANTABLE REPAIR DEVICE

(51) International classification :A61L27/22, (31) Priority Document No :1118000.7 (32) Priority Date :19/10/2011 (33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/052583

Filing Date :18/10/2012 (87) International Publication No :WO 2013/057497

(61) Patent of Addition to Application
Number
:NA

Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA

:A61L27/22,A61L27/56 (71)**Name of Applicant :** :1118000.7 **1)ORTHOX LIMITED**

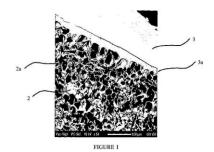
Address of Applicant :184 Milton Park Abingdon Oxfordshire

OX14 4SE U.K.

(72)Name of Inventor : 1)SKAER Nicholas

(57) Abstract:

An implantable repair device for the repair augmentation or replacement of tissue the device comprising silk fibroin and wherein the device comprises a smooth surface and a porous surface. The smooth surface is defined as a surface having a measured Sa value of less than approximately 0.1µm when using Atomic Force Microscopy (using for example the Bruker Dimension Icon System) when samples of the repair device are fully hydrated by imaging through fluid in peak force tapping mode. Also covered is a method of preparing an implantable repair device or a portion or layer of such a device for the repair augmentation or replacement of tissues the method comprising the steps of: preparing a gel from a fibroin solution in a mould; preparing a material by subjecting the gel to one or more steps of freezing and thawing the gel; and creating at least a porous surface on said device wherein in preparing the gel from the fibroin solution a portion of the mould is adapted to provide at least one smooth surface.



No. of Pages: 48 No. of Claims: 27

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR VIDEO CODING AND AN APPARATUS

(51) International classification :H04N7/26,H04N7/34,H04N7/36 (71) Name of Applicant :

:21/10/2011

:NA

(31) Priority Document No :NA (32) Priority Date

:NA :NA

(33) Name of priority country :PCT/FI2011/050926

(86) International Application

Filing Date (87) International Publication No:WO 2013/057359

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

1)NOKIA CORPORATION

Address of Applicant: Keilalahdentie 4 FI 02150 Espoo

Finland

(72) Name of Inventor:

1)BICI Mehmet Oguz 2)LAINEMA Jani

3)UGUR Kemal

(57) Abstract:

The disclosure relates to encoding and decoding image information. The encoding comprises receiving a block of pixels; receiving a block of pixels; creating a set of motion vector prediction candidates for the block of pixels; and examining the set to determine if a motion vector prediction candidate is a temporal motion vector prediction a spatial motion vector prediction or a spatio temporal motion vector prediction. If the motion vector prediction candidate is a temporal motion vector prediction the motion vector prediction candidate is kept in the set. Alternatively if the motion vector prediction candidate is a temporal motion vector prediction or a spatio temporal motion vector prediction the motion vector prediction candidate is kept in the set. On the other hand if the motion vector prediction candidate is a spatial motion vector prediction it is examined whether the set comprises a motion vector prediction candidate corresponding with the spatial motion vector prediction; and if so the motion vector prediction candidate is removed from the set.

No. of Pages: 56 No. of Claims: 57

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention : BIO- REMOVAL OF ALUMINIUM, CHROMIUM AND LEAD FROM LIQUID AND WASTE WATER USING FRUITS OF CORDIA OBLIQUA

(51) International classification	:C25C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RESEARCH AND DEVELOPMENT, MARINA LABS
(32) Priority Date	:NA	Address of Applicant :40, ANNA NEDUM PATHAI,
(33) Name of priority country	:NA	CHOOLAIMEDU, CHENNAI - 600 094 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. BHUVANESWARI
(87) International Publication No	: NA	2)P. SUBASHREE
(61) Patent of Addition to Application Number	:NA	3)M. NAVEENA
Filing Date	:NA	4)M. INDUJA
(62) Divisional to Application Number	:NA	5)MR. A. BALAMURUGAN
Filing Date	:NA	6)DR. N.K. UDAYA PRAKASH

(57) Abstract:

The present invention discloses a novel method for bio-removal of heavy metals from liquid and waste water using fruits of Cordia obliqua. The method involves harvesting fruits of Cordia obliqua followed by separation of mucilaginous mesocarp of the fruit. The separated mesocarp was boiled to dissolve in warm water in a predetermined ratio to form an extract of plant product. This extract is added to waste water and pH, temperature are maintained at predetermined values. After a predetermined interval of time the precipitated metals are filtered to remove toxic heavy metals from waste water effluents.

No. of Pages: 21 No. of Claims: 10

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: REMOTE CONTROL FOR SAFE USE OF DOMESTIC GAS CYLINDERS

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJALAKSHMI ENGINEERING COLLEGE
(32) Priority Date	:NA	Address of Applicant :RAJALAKSHMI NAGAR,
(33) Name of priority country	:NA	THANDALAM, CHENNAI - 602 105 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)A. SELVARAJ
(87) International Publication No	: NA	2)DR. B. VENKATACHALAPATHY
(61) Patent of Addition to Application Number	:NA	3)P. SAI SIDDHARTH
Filing Date	:NA	4)SRIRAM GANESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system for the safe use of domestic gas cylinders by using a GSM broadcasting device for remotely turning off the domestic gas cylinders. The system involves the use of a GSM module to communicate with the mobile device, an interface MAX232/233 to facilitate communication between the GSM module and the microcontroller and a microcontroller to activate the relay circuit which in turn controls the gas flow with the help of solenoid actuated valve. The present system is simple, cost-effective and purely automated without manual intervention and computer to access code

No. of Pages: 11 No. of Claims: 5

(21) Application No.3651/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE FOR EXCITING SEISMIC VIBRATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:20111417457 :17/10/2011 :Russia :PCT/RU2012/000796 :01/10/2012 :WO 2013/058679	 (71)Name of Applicant: 1)EKOMASOV Sergey Petrovich Address of Applicant :ul. Kibalchicha 4/6 29 Moscow 129164 Russia (72)Name of Inventor: 1)EKOMASOV Sergey Petrovich
(87) International Publication No		1)EKOMASOV Sergey Petrovich
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The device relates to the field of the seismic exploration of mineral deposits and comprises a rod and piston assembly having a plate attached to the bottom end thereof wherein the body of the rod and piston assembly is provided with an axial through channel and the piston of the rod and piston assembly is situated inside the barrel of a hydraulic cylinder which is provided with an upper cap and is separated by a partition from a lower pneumatic chamber in which the plate is situated said plate being mounted so that the lower end thereof is able to interact in such a way as to form a pneumatic gripping device with the upper end of a cylindrical stepped waveguide the upper step of which having a larger diameter is situated inside the pneumatic chamber while the lower step having a working plate on the lower end thereof forms a damping cavity together with the lower cap of the pneumatic chamber wherein in the body of the rod and piston assembly in the part adjacent to the plate there is a local enlargement of the axial through channel which forms a cylindrical cavity that is connected by radial channels to the pneumatic chamber a rod is disposed in the axial channel and has a sealing element attached to the end thereof which is capable of interacting with a seat at the lower end of the cylindrical cavity and the upper end of the rod is situated in a valve housing rigidly attached to the top end of the rod and piston assembly and comprised of a disk shaped base and cap and is equipped with a disk that is spring loaded relative to the disk shaped base and has a membrane which is clamped about its perimeter between the disk shaped base and the cap. An increase in the efficiency of the device is achieved by reducing and stabilizing the delay between the emission of a command signal and the dynamic loading of a subsurface half space and also by reducing the length of the operating cycle of the device.

No. of Pages: 11 No. of Claims: 2

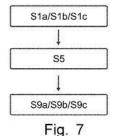
(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : INDIVIDUAL MONITORING OF COMPRESSION FORCE FOR MAMMOGRAPHIC EXAMINATIONS

(51) International classification	:A61B6/04	(71)Name of Applicant:
(31) Priority Document No	:61/562134	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:21/11/2011	Address of Applicant :c/o High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056405	(72)Name of Inventor:
Filing Date	:14/11/2012	1)ERHARD Klaus
(87) International Publication No	:WO 2013/076622	2)MAACK Hanns Ingo
(61) Patent of Addition to Application	.NI A	3)LOEPRICH Andreas
Number	:NA	4)WIEBERNEIT Nataly
Filing Date	:NA	•
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to mammography. In particular the present invention relates to a method and a corresponding system for individually monitoring a compression force in an apparatus for mammographic examination for personalized compression guidance. In order to provide a personalized guidance for the compression of the breast in a first step (S1a S1b S1c) a breast contact area (A) between a breast under examination and a compression plate (3) or a support plate (15) is determined. In a next step (S5) a compression force limit is determined based on the breast contact area (A). Then in a further step (S9a S9b S9c) an output signal (5) representative of the relation between the breast contact area (A) and the compression force limit is provided to a user such that the user may decide whether to complete or to continue the application of compression force.



No. of Pages: 30 No. of Claims: 15

(22) Date of filing of Application :06/12/2013

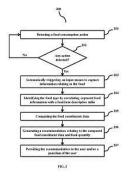
(43) Publication Date: 09/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR PROVIDING ENHANCED USER EXPERIENCE BASED ON USERS FOOD TAKING ACTIVITIES

(51) International classification	:G06F 19/00	(71)Name of Applicant : 1)Samsung R & D Institute India- Bangalore Private
(31) Priority Document No	:NA	Limited
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Gandhi Gurunathan Rajendran
(61) Patent of Addition to Application Number	:NA	2)Subramanian Ramakrishnan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for capturing food consumption information of a user is provided. The method includes automatically triggering one or more input means to capture information relating to the food being consumed by the user. The input means can be automatically triggered by detecting one or more food consumption actions of the user. In an embodiment, the input means can be, but not limited to an imaging member, a voice input means, a scanning member. The imaging member can be associated with userTMs articles such as wrist watch, ring, spectacles, mug, and so on. Further, the method includes generating one or more recommendations relating to the captured food information. Furthermore, the method includes providing the generated recommendations to the user and/or to a guardian of the user. FIG. 2



No. of Pages: 86 No. of Claims: 96

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND SYSTEMS FOR MAINTAINING OR OPTIMIZING A MOBILE PHONE NETWORK

:H04W24/08,H04W84/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :1121466.5 1)ACTIX LIMITED Address of Applicant :200 Hammersmith Road London W6 (32) Priority Date :14/12/2011 (33) Name of priority country :U.K. 7DL U.K. (86) International Application No (72)Name of Inventor: :PCT/GB2012/053072 Filing Date :10/12/2012 1)KATELEY Richard (87) International Publication No :WO 2013/093420 2)HAINES Chris (61) Patent of Addition to Application 3)HARRIS Richard :NA 4)HUNT Martin :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

We describe a system and methods for maintaining or optimising a mobile phone network by spatially correlating geolocated radio access network (RAN) performance measurement data and geolocated subscriber account data which in embodiments provides additional technical information on the RAN performance. These data are integrated in a spatial data structure and provided with a spatial querying and data correlation system for identifying and addressing problem areas of the RAN.



No. of Pages: 54 No. of Claims: 33

(19) INDIA

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(21) Application No.3562/CHENP/2014 A

(54) Title of the invention: PNEUMATIC TIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/07/2012 :WO 2013/069342 :NA :NA	(71)Name of Applicant: 1)SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant: 6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan (72)Name of Inventor: 1)IIZUKA Toru 2)MASUI Tomomi 3)SUGIMOTO Mutsuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pneumatic tire which is provided with an inner liner in the inside thereof wherein the inner liner is constituted of a sheet made from an elastomer composition which comprises 7 to 93 mass% of a styrene isobutylene styrene triblock copolymer and 7 to 93 mass% of an isobutylene based modified copolymer that contains a pinene component while the Gs/Gb ratio of the inner liner is 0.30 to 0.75 Gb being an average thickness in the bead region (Rb) extending from the tire maximum width position to the bead toe and Gs being an average thickness in the buttress region (Rs) extending from the tire maximum width position to the position (Lu) corresponding to the edge of a belt layer.

No. of Pages: 73 No. of Claims: 19

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: A CONTROL SYSTEM FOR A FUEL CELL POWERED VEHICLE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	G06F NA NA NA NA Address of Applicant: JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil NA NA NA NA NA (72)Name of Inventor: 1)PRAMILA RAO NILESHWAR NA 2)SAMRAJ JABEZ DHINAGAR
Filing Date :N	NA NA
Filing Date :N	NA

(57) Abstract:

The present subject matter discloses a control system (S) for a fuel cell powered vehicle (100) comprising a motor (104), a secondary power source (105), and a fuel cell system (F) that includes a fuel cell stack (5). The control system (S) disclosed herein comprises a fuel cell system controller (12) and a motor controller (13) operatively connected to one another. Further, the fuel cell system controller (12) is operatively connected to the fuel cell system (F) and to the secondary power source (105), and the motor controller (13) is operatively connected to the motor (104). Operation of the fuel cell powered vehicle (100) is controlled by regulating the output energy supplied from the fuel cell stack (5) and from the secondary power source (105) to the motor (104), by means of the fuel cell system controller (12) and the motor controller (13) in communication with each other. <To be published with Fig.2>



No. of Pages: 17 No. of Claims: 6

(12) TATENT ALTEICATION TODEICATION

(22) Date of filing of Application :28/01/2005

(21) Application No.69/CHE/2005 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN ARSENIC METER

(F1) Y	G0131	
(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN
(32) Priority Date	:NA	THE CITY OF NEWYORK
(33) Name of priority country	:NA	Address of Applicant :116TH STREET AND BROADWAY,
(86) International Application No	:NA	NEWYORK, NY 100227, U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VAN GEEN, ALEXANDER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

A field test-kit for analyzing arsenic concentration in water samples includes a portable infrared beam photometer for measuring light absorbance in aqueous specimens. An infrared light emitting diode (120A, 120B) is configured to direct a beam of light through a specimen. A photodetector diode (130A, 130B) measures the intensity of light passing through the specimen. The photodetector (130A, 130B) output voltages relate to the light absorbed in the specimen and are .displayed-ojti a LCD (,160) screen. To. test for arsenic, molybdenum-blue colour complexes. The light absorbance of a specimen with both arsenates and phosphates bound in molybdenum-blue color complexes is compared to that of a reference specimen in which phosphates but not arsenates are bound and converted. A quantitative value for the arsenic concentration in the water sample is determined from the differential light absorbance of the two specimens.

No. of Pages: 29 No. of Claims: 11

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING SYNTHETIC QUARTZ GLASS BY DEPOSITION OF SILICA SOOT FROM THE VAPOR PHASE ON A SUPPORT

(51) International classification :C03B19/14,C03B37/014 (71)Name of Applicant : (31) Priority Document No :10 2011 119 374.3 (32) Priority Date :25/11/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/073338 Filing Date :22/11/2012

(87) International Publication No :WO 2013/076191

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

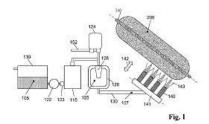
1)HERAEUS OUARZGLAS GMBH & CO. KG

Address of Applicant :Quarzstrasse 8 63450 Hanau Germany

(72)Name of Inventor: 1)FABIAN Heinz 2)R-PER J1/4rgen

(57) Abstract:

222222A known method for producing synthetic quartz glass comprises the following method steps: providing a liquid SiO starting material that contains octamethylcyclotetrasiloxane D4 as a main component; vaporizing the SiO starting material in a vapor starting material; converting the vapor starting material to form SiO particles; depositing the SiO particles on a deposition surface to form a porous SiO soot body; and vitrifying the SiO soot body to form the synthetic quartz glass. In order to proceeding therefrom produce large volume cylindrical soot bodies having an outer diameter of more than 300 mm and an improved material homogeneity the invention proposes that the liquid starting material contains additional components comprising hexamethylcyclotrisiloxane D3 and the linear homolog thereof with a weight proportion mD3 decamethylcyclohexasiloxane D6 and the linear homolog thereof with a weight proportion mD6 and tetradecamethylcycloheptasiloxane D7 and/or hexadecamethylcyclooctasiloxane D8 and the linear homologs thereof with a weight proportion mD7+ the weight proportion mD3/mD6 being in a range between 0.5 and 500 and the weight proportion mD7+ being at least 20 ppm by weight.



No. of Pages: 46 No. of Claims: 13

(22) Date of filing of Application :16/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: POLYMERIC COLORANT COMPOSITIONS AND METHODS OF USE

(51) International classification :A61K9/107,A61K9/00,A01N1/00 (71) Name of Applicant : (31) Priority Document No 1)3M INNOVATIVE PROPERTIES COMPANY :61/560407 (32) Priority Date :16/11/2011 Address of Applicant :3M Center Post Office Box 33427 Saint (33) Name of priority country :U.S.A. Paul Minnesota 55133 3427 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2012/065404 1)HADDAD Louis C. No :16/11/2012 Filing Date 2)HANGGI Douglas A. (87) International Publication 3)OLSON David B. :WO 2013/074860 4)SCHOLZ Matthew T.

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

A composition is disclosed. The composition comprises at least one polymeric colorant having a polymer component with a colorant component covalently bound thereto a medicament and a liquid vehicle. The at least one colorant component does not react directly or indirectly with the medicament. Methods of using the polymeric colorants including a method for the preparation of skin as a site for a surgical procedure and a method of treating a medical condition are also provided.

5)ZHU Dong Wei

No. of Pages: 44 No. of Claims: 56

(22) Date of filing of Application :15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD APPARATUS AND SYSTEM FOR ENCODING AND DECODING THE SIGNIFICANCE MAP FOR RESIDUAL COEFFICIENTS OF A TRANSFORM UNIT

(51) International classification :H04N7/26,H04N7/30,H04N7/32 (71) Name of Applicant:

(31) Priority Document No :2012200319 (32) Priority Date :19/01/2012 (33) Name of priority country :Australia

(86) International Application :PCT/AU2013/000035

:18/01/2013

Filing Date (87) International Publication No:WO 2013/106887

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)CANON KABUSHIKI KAISHA

Address of Applicant: 30 2 Shimomaruko 3 chome Ohta ku

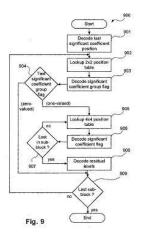
Tokyo 1468501 Japan (72)Name of Inventor:

1)ROSEWARNE Christopher James

2) LABIOS Alvin Edrea

(57) Abstract:

Disclosed is a method of decoding residual coefficients of a transform unit from a bitstream of video data. The method receives the transform unit (1 500) from the bitstream of video data in which the transform unit has upper (1503) and lower (1502) level square layers. The upper level layer represents a square arrangement of at most four significant coefficient group flags with each of the significant coefficient group flags representing a non overlapping region of the lower level layer. The method determines determining the significant coefficient group flags of the square upper level layer for the received transform unit and determines values of residual coefficients of the square lower layer according to the determined significant coefficient group flags to decode the transform unit of the bitstream of video data. Corresponding encoding methods are also disclosed.



No. of Pages: 61 No. of Claims: 18

(21) Application No.3589/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR MANUFACTURING IMPELLER

(51) International :F04D29/60,F04D29/22,F04D29/30

classification
(31) Priority Document No
:2011228086

(32) Priority Date :17/10/2011
(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/076847

No :17/10/2012

Filing Date :17/10/2012

(87) International Publication :WO 2013/058284

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71)Name of Applicant:

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato

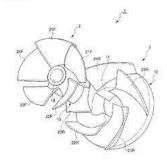
ku Tokyo 1078556 Japan (72)Name of Inventor: 1)ISHIKAWA Hiroshi 2)TSURUGAI Yoshinori

3)SAITO Yasuhisa

(57) Abstract:

An impeller in which a plurality of blades are provided in an overlapping arrangement to the front and rear when viewed from the axial direction comprises a near side first impeller component and a far side second impeller component. A method for manufacturing the impeller comprises a step for moulding the first impeller component as step for moulding the second impeller component and a step for combining the first impeller component and the second impeller component.

FIG.2



No. of Pages: 74 No. of Claims: 10

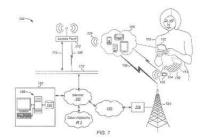
(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: APPARATUS SYSTEM AND METHOD FOR MANAGING ADHERENCE TO A REGIMEN

		(71)Name of Applicant:
(51) International classification	:G06Q50/22	1)PROTEUS DIGITAL HEALTH INC.
(31) Priority Document No	:13/292440	Address of Applicant :2600 Bridge Parkway Suite 101
(32) Priority Date	:09/11/2011	Redwood City California 94065 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/064149	1)ROBERTSON Timothy
Filing Date	:08/11/2012	2)MOON Gregory
(87) International Publication No	:WO 2013/070914	3)IONESCU Arna Diana
(61) Patent of Addition to Application	:NA	4)BEHZADI Yashar
Number	:NA	5)OREILLY David
Filing Date	.INA	6)FILNER Aaron
(62) Divisional to Application Number	:NA	7)KARPLUS Erika
Filing Date	:NA	8)COJUANGCO Danielle Schulze
		9)BURGESS Sara

(57) Abstract:

A method of managing adherence to a regimen in a subscription based computer implemented healthcare information environment. The method includes receiving at a mobile device information from a receiver that a dose was ingested by a living subject. The mobile device comprises a processor a memory and a display coupled to the processor. The method provides wirelessly communicating the information over a wireless network to a backend computer processing system and receiving from the computer at the backend processing system a personal information stream characterizing behavior of the living subject based on the received information over a predetermined period. An apparatus includes an adherence package including a foldable sheet at least one of blister pack coupled to the foldable sheet at least one ingestible device associated with a dose and a perforation provided on the foldable sheet to enable removal of the at the least one blister pack.



No. of Pages: 154 No. of Claims: 32

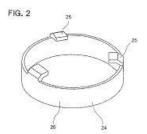
(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROTATING ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:16/02/2012 :WO 2013/121555	(71)Name of Applicant: 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor: 1)SHINOSAKA Yoshihiro
(86) International Application No	:PCT/JP2012/053649	(72)Name of Inventor:
Filing Date	:16/02/2012	1)SHINOSAKA Yoshihiro
` '	:WO 2013/121555	
. ,	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The objective of the present invention is to obtain a rotating electric machine with which damage to a bearing housing part can be prevented by preventing rotation of the outer ring of the bearing due to a decrease in the binding force of the bearing housing part and the outer ring of the bearing due to a difference in the thermal expansion of the bearing housing part and the outer ring of the bearing which is caused by the generation of heat when the rotating electric machine is driven; and thus achieving a cost reduction since the use of a special bearing is not required and preventing a gap filling member from falling out of the bearing housing part. With this rotating electric machine a resin case (24) by means of thermal expansion fills a gap between the bearing housing part and the outer ring of an anti driving side bearing said gap occurring due to a difference in the thermal expansion of the bearing housing part and the anti driving side bearing which is caused by the generation of heat during driving. A hook (25) that protrudes radially inward is formed in at least one location on the circumferential edge part of the resin case on the side opposite the rotor and a recessed part which is engaged by the hook (25) is formed in a flange part of the bearing housing part through which the shaft passes.



No. of Pages: 19 No. of Claims: 7

(22) Date of filing of Application :05/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: ACCELEROMETER

(51) International classification :G01P1/02,G01P15/09,G01P15/18 (71)Name of Applicant : (31) Priority Document No :CO2011A000042 1)NUOVO PIGNONE S.P.A. (32) Priority Date :13/10/2011

Address of Applicant: Via Felice Matteucci 2 50127 Florence Italy

(33) Name of priority country :Italy

(86) International Application (72) Name of Inventor: :PCT/EP2012/069975 No 1)FRANCI Fabrizio

:09/10/2012 Filing Date

(87) International Publication :WO 2013/053715

(61) Patent of Addition to

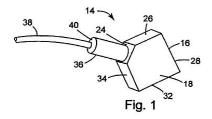
:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

An accelerometer (14) includes a metal housing (16) and at least one of an integrated piezoelectric sensor and an integrated electronic piezoelectric (IEPE) amplified sensor within the housing. A metal boot (36) extends from the housing and a plurality of sensor wires extends from the sensor into the boot. The accelerometer also includes a metal cable sheath (38) connected to the boot having a plurality of cable wires insulated by a metal oxide powder contained by the sheath. At least one of the plurality of sensor wires is connected to at least one of the plurality of cable wires within the boot. The housing the boot and the metal cable sheath provide a sealed enclosure for the at least one sensor the plurality of sensor wires and the plurality of cable wires.



No. of Pages: 19 No. of Claims: 10

(21) Application No.3756/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: NICOTINIC RECEPTOR NON COMPETITIVE MODULATORS

(51) International classification	:C07C211/16,A61K31/13,A61P25/24	(71)Name of Applicant: 1)TARGACEPT INC.
(31) Priority Document No	:61/554998	Address of Applicant :100 North Main Street Suite 1510
(32) Priority Date	:03/11/2011	Winston Salem NC 27101 4072 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)AKIREDDY Srinivasa Rao
(86) International Application No Filing Date	:PCT/US2012/062940 :01/11/2012	2)SPEAKE Jason 3)BHATTI Bahwinder Singh 4)YOHANNES Daniel
(87) International Publication No	:WO 2013/067105	5)GENUS John 6)XIAO Yunde
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to compounds that modulate nicotinic receptors as non competitive antagonists methods for their synthesis methods for use and their pharmaceutical compositions.

No. of Pages: 46 No. of Claims: 13

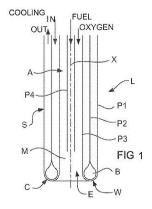
(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FLUID COOLED LANCES FOR TOP SUBMERGED INJECTION

(51) International classification :F27D3/16,F27D3/18,C21C5/46 (71)Name of Applicant : (31) Priority Document No :2011904988 1)OUTOTEC OYJ (32) Priority Date :30/11/2011 Address of Applicant: Puolikkotie 10 FI 02230 Espoo Finland (33) Name of priority country (72)Name of Inventor: :Australia 1)MATUSEWICZ Robert (86) International Application No :PCT/IB2012/056714 Filing Date :26/11/2012 2) REUTER Markus (87) International Publication No: WO 2013/080110 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A TSL lance has an outer shell of three substantially concentric lance pipes at least one further lance pipe concentrically within the shell and an annular end wall at an outlet end of the lance which joins ends of outermost and innermost lance pipes of the shell at an outlet end of the lance and is spaced from an outlet end of the intermediate lance pipe of the shell. Coolant fluid is able to be circulated through the shell by flow to and away from the outlet end. The spacing between the end wall and the outlet end of the intermediate pipe provides a constriction to the flow of coolant fluid to increase coolant fluid flow velocity therebetween. The further lance pipe defines a central bore and is spaced from the innermost lance pipe of the shell to define an annular passage whereby materials passing along the bore and the passage mix adjacent to the outlet end of the lance. The end wall and an adjacent minor part of the length of the shell comprise a replaceable lance tip assembly.



No. of Pages: 35 No. of Claims: 19

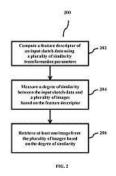
(22) Date of filing of Application :06/12/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: SKETCH-BASED IMAGE RETRIEVAL INVARIANT TO SIMILARITIES

(51) International classification :	:G06C	(71)Name of Applicant:
(31) Priority Document No :	:NA	1)Indian Institute of Technology Madras
(32) Priority Date :	:NA	Address of Applicant :Indian Institute of Technology Madras
(33) Name of priority country :	:NA	(IIT Madras), IIT PO, Chennai - 600036 Tamil Nadu India
(86) International Application No :	:NA	(72)Name of Inventor:
Filing Date :	:NA	1)Sarthak Parui
(87) International Publication No :	: NA	2)Anurag Mittal
(61) Patent of Addition to Application Number :	:NA	
Filing Date :	:NA	
(62) Divisional to Application Number :	:NA	
Filing Date :	:NA	

(57) Abstract:

Embodiments herein provide a system and a method for sketch-based image retrieval in an electronic device. The method includes computing a feature descriptor of an input sketch data using a plurality of similarity transformation parameters. The feature descriptor is invariant to a similarity transformation of the input sketch data. Further, the method includes measuring a degree of similarity between the input sketch data and a plurality of images based on the feature descriptor. Further, the method includes retrieving at least one image from the plurality of images based on the degree of similarity. The retrieved image is invariant to the similarity transformation. FIG. 2



No. of Pages: 60 No. of Claims: 24

(22) Date of filing of Application :15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: 5 PHENYL SUBSTITUTED N (TETRAZOL 5 YL) ARYL CARBOXYLIC ACID AMIDES AND N (TRIAZOL 5 YL) ARYL CARBOXYLIC ACID AMIDES AND USE THEREOF AS HERBICIDES

(51) International :C07D249/14,C07D257/06,A01N43/653

classification

(31) Priority Document :11187669.4

(32) Priority Date :03/11/2011

(33) Name of priority

country

(86) International

:PCT/EP2012/071378 Application No :29/10/2012

:EPO

:WO 2013/064457

Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

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Address of Applicant : Alfred Nobel Str. 10 40789 Monheim

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2)AHRENS Hartmut

3)VAN ALMSICK Andreas

4)LEHR Stefan

5)H,,USER HAHN Isolde

6)DIETRICH Hansjrg

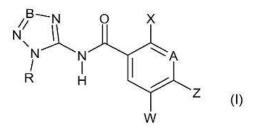
7) GATZWEILER Elmar

8)HEINEMANN Ines

9)ROSINGER Christopher Hugh

(57) Abstract:

The invention relates to 5 phenyl substituted N (tetrazol 5 yl) aryl carboxylic acid amides and N (triazol 5 yl) aryl carboxylic acid amides of general formula (I) as herbicides. In said formula (I) W X Y Z and R stand for groups such as hydrogen organic groups such as alkyl and other groups such as halogen. A and B stand for N and CY.



No. of Pages: 53 No. of Claims: 13

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LEVER DRIVEN MULTIPROPOSE ROLL CHAIR

		(71)Name of Applicant: 1)ALIF AL SALIM
(51) International classification	· A 61 G 5 /00	Address of Applicant :ALIF VILLA, MUTHOOR P.O, THIRUVALLA, PATHANAMTHITTA DISTRICT 689 107
(31) Priority Document No	:NA	Kerala India
· · · ·	:NA :NA	
(32) Priority Date		2)ANVIN V.A.
(33) Name of priority country	:NA	3)ALEN THOMAS
(86) International Application No	:NA	4)ALIF. J
Filing Date	:NA	5)ALBERT MATHEW
(87) International Publication No	: NA	6)SREESH P.S
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ALIF AL SALIM
(62) Divisional to Application Number	:NA	2)ANVIN V.A.
Filing Date	:NA	3)ALEN THOMAS
č		4)ALIF. J
		5)ALBERT MATHEW
		6)SREESH P.S

(57) Abstract:

The Lever Driven Multipurpose Roll Chairs main goal is to assist a mobility impaired person in carrying out his sanitation activities without the assistance of a third party and at the same time maintain proper hygiene. For this purpose we use extendable mobile rails over which the seating platform carrying the mobility impaired person can slide and he can place himself exactly above the sanitation receptacle. A cross member on the mobile rails carries the supporting legs extending downwards. The supporting legs give stability to the mobile rails over which the mobility impaired person has been placed thereby making the process of egestion hassle free and which in turn also reduces the persons dependence on a third party.

No. of Pages: 16 No. of Claims: 5

(21) Application No.3586/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: PROCESS FOR THE HYDRODECHLORINATION OF A LIQUID FEED COMPRISING DICHLOROACETIC ACID

(51) International classification (31) Priority Document No :11185953.4 (71) Name of Applicant : 1) AKZO NOBEL CHE (32) Priority Date :20/10/2011 Address of Applicant :

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/070524 Filing Date :17/10/2012

(87) International Publication No :WO 2013/057126

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA

3)VOS Hendrik Jan 4)TOLLIN Lars Magnus 5)VAN DEN BERG Jacobus

Amersfoort Netherlands

(72)Name of Inventor:

6)VAN HAL Henricus Johannes Marinus Petrus

1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.

Address of Applicant: Stationsstraat 77 NL 3811 MH

(57) Abstract:

The process of the present invention pertains to a process wherein a liquid feed comprising monochloroacetic acid dichloroacetic acid and optionally acetic acid and/or trichloroacetic acid is subjected to a catalytic hydrodechlorination step by contacting it with a source of hydrogen in the presence of a solid heterogeneous hydrogenation catalyst situated in a fixed catalyst bed wherein the liquid feed is fed to the top of avertical tubular reactor at a superficial mass velocity of between and 10 kg/s per square meter of the horizontal cross section of the vertical tubular reactor and a rate of between 250 and 3 000 kg/hr per m of said catalyst bed wherein the source of hydrogen is fed to the top or bottom of the vertical tubular reactor at a rate of between 0.025 to 0.25 Nm/s per square meter of the horizontal cross section of the vertical tubular reactor so as to obtain an average axial pressure gradient of at least 2 kPa per meter of said catalyst bed and wherein the temperature in the top of the vertical tubular reactor is between 100 and 200°C and wherein the pressure in the top of the vertical tubular reactor is between 0.2and 1.0 MPa.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PHYSICAL LAYER MEASUREMENTS IN MBMS SYSTEMS

:H04W24/10,H04W4/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/561201 (32) Priority Date Address of Applicant :ATTN: International IP Administration :17/11/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. :PCT/US2012/065222 (86) International Application No (72) Name of Inventor: Filing Date :15/11/2012 1)ZHANG Xiaoxia (87) International Publication No :WO 2013/074751 2)WANG Jun (61) Patent of Addition to Application 3)WALKER Gordon Kent :NA Number 4)GAAL Peter :NA Filing Date 5)GHOLMIEH Ralph Akram (62) Divisional to Application Number :NA 6) ZEILINGOLD Daphna Filing Date 7)LEE Kuo Chun :NA

(57) Abstract:

A method an apparatus and a computer program product for wireless communication are provided. An apparatus e.g. user equipment (UE) receives a reporting requirement for one or more Multicast Broadcast Single Frequency Network (MBSFN) physical layer parameters. The UE obtains the one or more MBSFN physical layer parameters including at least one parameter corresponding to a reference signal and creates a report based on the obtained one or more MBSFN physical layer parameters. The UE may obtain the one or more MBSFN physical layer parameters using user plane or control plane based mechanisms. The user plane mechanism involves the use of a modified version of the reporting mechanism for Quality of Experience (QoE) metrics. The control plane mechanism involves the use of a modified version of the reporting mechanism for the Minimization of Drive Tests (MDT) metrics.

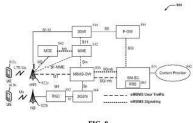


FIG.

No. of Pages: 54 No. of Claims: 52

(22) Date of filing of Application :29/12/2009 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR GROWING A RIBBON CRYSTAL WITH LOCALIZED COOLING \bullet

(31) Priority Document No :11/7 (32) Priority Date :08/0 (33) Name of priority country :U.S. (86) International Application No :PCT Filing Date :27/0	T/US2008/064854 (72)Name of Inventor: 1)Weidong Huang 0/2008/150761 2)David Harvey 3)Richard Wallace 4)SCOTT REITSMA
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(57) Abstract:

A method of growing ribbon crystal provides a crucible containing molten material, and passes at least two strings through the molten material to produce a partially formed ribbon crystal. The method then directs a fluid to a given portion of the partially formed ribbon crystal to convectively cool the given portion.

No. of Pages: 25 No. of Claims: 21

(21) Application No.3476/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: PREPARATION OF OLIGOSACCHARIDES CONTAINING AMINE GROUPS

(51) International :C08B15/06,C08B31/00,C08B37/00

classification

(31) Priority Document No (32) Priority Date

:11185143.2 :14/10/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/069614

No

:NA

:NA

Filing Date

:04/10/2012

(87) International Publication :WO 2013/053630

(61) Patent of Addition to :NA

Application Number

Filing Date

(62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72) Name of Inventor:

1)GRANSTR-M Mari

2)WENDEL Volker

3)SUCKERT Anja

4)WOOD Claudia

5)V-LLMAR Helmuth

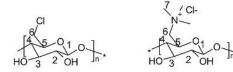
6)KNAB Anni

7)KINDLER Alois

8)ZAJACZKOWSKI FISCHER Marta

(57) Abstract:

The present invention relates to oligo and polysaccharides containing amine groups. More particularly the present invention is directed towards a new process to manufacture cationic cellulose oligomers. The new cationic oligo or polysaccharides are shown to be useful ingredients in various aqueous compositions inter alia as ingredients for personal care compositions.



No. of Pages: 41 No. of Claims: 8

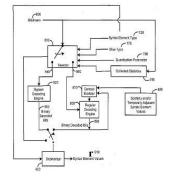
(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: VIDEO DECODER WITH ENHANCED CABAC DECODING

(51) International classification	:H04N7/32	(71)Name of Applicant:
(31) Priority Document No	:13/291015	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:07/11/2011	Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi
(33) Name of priority country	:U.S.A.	Osaka 5458522 Japan
(86) International Application No	:PCT/JP2012/007139	(72)Name of Inventor:
Filing Date	:07/11/2012	1)MISRA Kiran
(87) International Publication No	:WO 2013/069273	2)SEGALL Christopher A.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A decoder receives a bitstream containing quantized coefficients representative of blocks of video representative of a plurality of pixels and decodes the bitstream using context adaptive binary arithmetic coding. The context adaptive binary arithmetic coding includes at least two decoding modes the first mode decoding the bitstream based upon a probability estimate which is based upon a current syntax element being decoded the second mode decoding the bitstream not based upon a probability estimate based upon the current syntax element being decoded. The context adaptive binary arithmetic coding decodes the current syntax element using the first mode if the current syntax element is intra coded and selecting whether to use a list of intra prediction modes for decoding an intra prediction mode using said first mode wherein said list of intra prediction modes are determined based upon previously determined intra modes. The context adaptive binary arithmetic coding decodes a data indicating an intra prediction mode of a current block using said second mode.



No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application: 19/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: THERMALLY DRIVEN WORKLOAD SCHEDULING IN A HETEROGENEOUS MULTI PROCESSOR SYSTEM ON A CHIP

(51) International classification :G06F1/20,G06F1/32,G06F1/34 (71) Name of Applicant:

(31) Priority Document No :61/562234 (32) Priority Date :21/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/062582

:30/10/2012 Filing Date

(87) International Publication No:WO 2013/077972

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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Address of Applicant : ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego

California 92121 U.S.A. (72) Name of Inventor:

1)SUR Sumit

2)ARTMEIER James M.

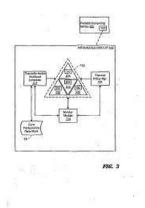
3)GUZZI Mark D.

4)MUELLER Philip T.

5)RYCHLIK Bohuslav

(57) Abstract:

Various embodiments of methods and systems for thermally aware scheduling of workloads in a portable computing device that contains a heterogeneous multiprocessor system on a chip (SoC) are disclosed. Because individual processing components in a heterogeneous multi processor SoC may exhibit different processing efficiencies at a given temperature and because more than one of the processing components may be capable of processing a given block of code thermally aware workload scheduling techniques that compare performance curves of the individual processing components at their measured operating temperatures can be leveraged to optimize quality of service (QoS) by allocating workloads in real time or near real time to the processing components best positioned to efficiently process the block of code.



No. of Pages: 51 No. of Claims: 30

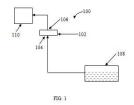
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A DEVICE FOR ASSISTING FUEL FILTERATION

(31) Priority Document No:NA1(32) Priority Date:NA(33) Name of priority country:NAAd(86) International Application No:NA2Filing Date:NA(72(87) International Publication No: NA1	71)Name of Applicant: 1)Bosch Limited Address of Applicant:Post Box No 3000, Hosur Road, adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India 2)Robert Bosch GmbH 72)Name of Inventor: 1)AROKIADOSS Fredrick 2)RAO Raghuveer
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(57) Abstract:

Disclosed herein, is a device 100 for assisting fuel filtration 100. The device 100 comprises a housing 102 having an inlet path 104 and an outlet path 106. The fuel enters the inlet path 104 from a fuel reservoir 108. The housing 102 contains at least one partition, the partition is adapted to store an agglomerating compound. The movement of the fuel through the partition agglomerates the particulates present in the fuel, before supplying the fuel to a fuel filter through the outlet path 106. Reference figure: Figure 1



No. of Pages: 7 No. of Claims: 3

(21) Application No.3572/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: RESTRICTED IMMUNOGLOBULIN HEAVY CHAIN MICE

(51) International :C12N15/85,A01K67/027,C07K16/46

classification :C12N13/85,A01R07/027,C07R10/4

(31) Priority Document No :61/547974 (32) Priority Date :17/10/2011

(33) Name of priority country :U.S.A.

(86) International :PCT/US2012/060487

Application No Filing Date :17/10/2012

(87) International

Publication No :WO 2013/059230

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

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1)MACDONALD Lynn 2)MCWHIRTER John 3)GURER Cagan

4)HOSIAWA Karolina A. 5)MURPHY Andrew J.

(57) Abstract:

Mice having a restricted immunoglobulin heavy chain locus are provided wherein the locus is characterized by a single polymorphic human V gene segment a plurality of human Dgene segments and a plurality of J gene segments. Methods for making antibody sequences that bind an antigen (a viral antigen) are provided comprising immunizing a mouse with an antigen of interest wherein the mouse comprises a single human V gene segment a plurality of human D gene segments and a plurality of J gene segments at the endogenous immunoglobulin heavy chain locus.

No. of Pages: 188 No. of Claims: 30

(22) Date of filing of Application: 19/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: INTERNAL POUCH TO BE HOUSED IN DOUBLE STRUCTURE AEROSOL CAN

(51) International :B65D83/38,A45D19/02,B65D30/08

classification (31) Priority Document No :2012091285 (32) Priority Date :12/04/2012

(33) Name of priority :Japan

country

(86) International :PCT/JP2012/071144

Application No :22/08/2012 Filing Date

(87) International Publication :WO 2013/153686

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)TOYO SEIKAN GROUP HOLDINGS LTD.

Address of Applicant: 18 1 Higashi Gotanda 2 chome

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2)TOYO AEROSOL INDUSTRY CO. LTD.

(72)Name of Inventor: 1)KURIYAMA Kouji 2)TANAKA Shinji

3)YAMAGUCHI Madoka

4)SHIBATA Takuo

(57) Abstract:

The present invention relates to an internal pouch which is to be housed in a double structure aerosol can that can eject both a first preparation of an oxidation hair dye composed of the first preparation and a second preparation and the second preparation of the oxidation hair dye simultaneously wherein the first preparation contains a strongly alkaline component the second preparation comprises an acidic component and the internal pouch comprises a first internal pouch in which the first preparation is to be housed and a second internal pouch in which the second preparation is to be housed. In the internal pouch the first internal pouch has a layered structure composed of at least a polyolefin inner layer an inner layer side adhesive resin layer an aluminum foil an outer layer side adhesive resin layer and an impact resistant thermoplastic resin outer layer in this order the second internal pouch has a layered structure composed of at least a polyolefin inner layer an inner layer side adhesive resin layer a polyester resin layer an outer layer side adhesive resin layer and an impact resistant thermoplastic resin outer layer in this order and the adhesive resin for the inner layer side adhesive resin layer in the first internal pouch comprises a polyether type urethane resin. In the internal pouch the interlayer peeling can be prevented effectively even when the internal pouch is subjected to dropping impact or the like.

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application: 19/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : FUNCTIONALIZED METAL CONTAINING PARTICLES AND METHODS OF MAKING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B22F5/00 :61/563242 :23/11/2011 :U.S.A. :PCT/US2012/066446 :23/11/2012 :WO 2013/078448 :NA :NA	(71)Name of Applicant: 1)MOMENTIVE PERFORMANCE MATERIALS INC. Address of Applicant: 22 Corporate Woods Boulevard 4th Floor Albany NY 12211 U.S.A. (72)Name of Inventor: 1)DE VERA Antonio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Processes for forming functionalized metal containing particles. The processes employ a reactive precursor material comprising a metal atom a leaving group attached to the metal atom and a functional moiety attached to the metal atom. In one embodiment functionalized metal containing particles can be formed by grafting reactive precursors with functional groups to particles containing controlled surface hydroxyl concentrations; with the particles produced by a prescribed method. In another embodiment a process for forming functionalized metal containing particles comprises (a) providing a first solution comprising water a surfactant and a non polar dispersant; (b) adding a reactive precursor to the first part to form a mixture the reactive precursor comprising a metal atom comprising a leaving group attached to the metal atom and an organic functional moiety attached to the metal atom; and (c) adding a catalyst to the mixture of (b) and reacting with heating under reflux to form functionalized metal containing particles.



No. of Pages: 43 No. of Claims: 47

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING SYNTHETIC QUARTZ GLASS ACCORDING TO THE SOOT **METHOD**

:C03B37/014,C03B19/14 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2011 119 341.7 (32) Priority Date :25/11/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/073341 Filing Date :22/11/2012

(87) International Publication No :WO 2013/076193

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)HERAEUS OUARZGLAS GMBH & CO. KG

Address of Applicant :Quarzstrasse 8 63450 Hanau Germany

(72)Name of Inventor: 1)FABIAN Heinz 2)R-PER J1/4rgen

(57) Abstract:

22222A known method for producing synthetic quartz glass comprises the following method steps: forming a stream from a SiO starting material that contains octamethylcyclotetrasiloxane (D4) as a main component; a reference molecular mass being associated therewith; supplying the stream to a reaction zone in which the starting material is converted by pyrolysis or hydrolysis to SiO while amorphous SiO particles are formed; depositing the amorphous SiO particles on a deposition surface to form a porous SiO soot body; and vitrifying the soot body to form the quartz glass. In order to proceeding therefrom produce large volume cylindrical soot bodies having an outer diameter of more than 300 mm and an improved material homogeneity the invention proposes that the liquid starting material contains additional components in the form of additional polyalkylsiloxanes wherein light polyalkylsiloxanes having a relative molecular mass of less than the reference molecular mass and heavy polyalkylsiloxanes having a relative molecular mass of more than the reference molecular mass are contained with a weight proportion of at least 50 ppm and at least 30 ppm respectively.

No. of Pages: 44 No. of Claims: 10

(22) Date of filing of Application :06/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR MEASURING SUBSTANCES

:G01N27/416,G01N27/327 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011252765 (32) Priority Date :18/11/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/004442

Filing Date :10/07/2012 (87) International Publication No :WO 2013/073074

(61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number :NA Filing Date

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(72) Name of Inventor: 1)OOE Hideaki 2)TAKAGI Jun 3)YOKOYAMA Kenji

4)HIRATSUKA Atsunori 5)YOSHIDA Nobuyuki 6)SASAKI Noriko

(57) Abstract:

Provided is a technique that enables measurement precision to be improved when quantifying a substance to be measured which is contained in a sample by decreasing the impact of current components different from the oxidation current resulting from the oxidization of a reducing substance produced by a reaction between enzymes and the substance to be measured in the sample among the current components in a response current obtained by applying a counter electode based measurement potential to a working electrode. Because an adjustment potential with higher potential than a measurement potential is applied in the form of a pulse to the working electrode among the current components contained in the response current obtained by applying the counter electrode based measurement potential to the working electrode the impact of the current components different from the oxidation current resulting from oxidization of the reducing substance produced by the reaction between the substance to be measured and enzymes in the sample can be reduced. Thus the response current can be stably measured and measurement precision can be improved when quantifying the substance to be measured which is contained in the sample.

No. of Pages: 32 No. of Claims: 7

(21) Application No.3506/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: FORMULATIONS USE THEREOF AS OR TO PRODUCE DISHWASHING DETERGENTS AND PRODUCTION THEREOF

(51) International classification :C11D3/12,C11D3/20,C11D3/33 (71)Name of Applicant:

(31) Priority Document No :11185824.7

(32) Priority Date :19/10/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/069816

Filing Date :08/10/2012

(87) International Publication No: WO 2013/056996

(61) Patent of Addition to :NA Application Number

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor:

1)HFFER Stephan

2)GARCIA MARCOS Alejandra

3)HARTMANN Markus

4)WEBER Heike

(57) Abstract:

The invention relates to formulations containing (A) at least one compound selected from aminocarboxylates and polyaminocarboxylates and salts and derivatives thereof (B) at least one zinc salt and (C) at least one homopolymer or copolymer of ethyleneimine.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: READY-TO-DILUTE AZITHROMYCIN PHARMACEUTICAL COMPOSITIONS

(51) International classification	:C07H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AGILA SPECIALTIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :STRIDES HOUSE, BILEKAHALLI,
(33) Name of priority country	:NA	BANNERGHATTA ROAD, BANGALORE - 560 076 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHELAPALLI, SATYA SRINIVAS
(61) Patent of Addition to Application Number	:NA	2)MANDAVILLI, SRIRAMA SARVESWARA RAO
Filing Date	:NA	3)METHAKU SUNDARRAJA VIJAY KANTH
(62) Divisional to Application Number	:NA	4)ARULSUDAR NATRAJAN
Filing Date	:NA	5)MOHAMMAD RAHEESH

(57) Abstract:

The invention relates to ready-to-dilute azithromycin liquid pharmaceutical composition for intravenous administration, wherein the said composition is packed in a dual chamber container, glass vial or an infusion bag. One chamber of the container houses azithromycin injection liquid concentrate, whereas the other chamber of the infusion bag houses a diluent or compatible intravenous fluid. The ready-to-dilute injectable formulation of the present invention is stable in liquid state and is easily administrable injectable formulation with just a single step of mixing the azithromycin injectable concentrate with intravenous fluid.

No. of Pages: 10 No. of Claims: 6

(21) Application No.4794/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROBOTIC MACHINE FOR CLIMBING COCONUT TREES AND HARVESTING COCONUTS

(51) International classification	:A23N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Amrita Vishwa Vidyapeetham
(32) Priority Date	:NA	Address of Applicant :Amritapuri Campus Kollam, Kerala
(33) Name of priority country	:NA	Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Rajesh Kannan Megalingam
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The present invention provides a robotic machine for climbing coconut trees and cutting coconuts, the robotic machine includes a machine unit and a ground station, wherein the machine unit comprises robotic arm, robotic body and base rod connecting the robotic arm and robotic body. The robotic arm includes an arm unit, a controller unit, a processing unit, plurality of servomotors, a wireless camera, and DC motors. The robotic body includes circular body, plurality of wheels, plurality of torsion springs, battery and channel for the circular motion of the arm. The wheels enable the machine unit to hold and climb on the trunk of coconut tree. The camera captures video in the vicinity of cutter, and transmits the video to the ground station for displaying to the operator, and based on the video, the operator can command the machine unit and position the cutter to cut the coconut precisely.

No. of Pages: 29 No. of Claims: 10

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING SYNTHETIC QUARTZ GLASS BY DEPOSITION OF SIO2 SOOT FROM THE VAPOR PHASE ON A SUPPORT

(51) International classification :C03B19/14,C03B37/014 (71)Name of Applicant : (31) Priority Document No :10 2011 119 373.5 (32) Priority Date :25/11/2011 (33) Name of priority country :Germany

:NA

(86) International Application No :PCT/EP2012/073340

Filing Date :22/11/2012 (87) International Publication No :WO 2013/076192

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)HERAEUS OUARZGLAS GMBH & CO. KG

Address of Applicant :Quarzstrasse 8 63450 Hanau Germany

(72)Name of Inventor: 1)FABIAN Heinz

(57) Abstract:

Filing Date

222222A known method for producing synthetic quartz glass comprises the following method steps: providing a liquid SiO starting material that contains octamethylcyclotetrasiloxane D4 as a main component; vaporizing the SiO starting material in a vapor starting material; converting the vapor starting material to form SiO particles; depositing the SiO particles on a deposition surface to form a porous SiO soot body; and vitrifying the SiO soot body to form the synthetic quartz glass. In order to proceeding therefrom produce large volume cylindrical soot bodies having an outer diameter of more than 300 mm and an improved material homogeneity the invention proposes that the liquid starting material contains additional components comprising hexamethylcyclotrisiloxane D3 and the linear homolog thereof with a weight proportion mD3 decamethylcyclohexasiloxane D6 and the linear homolog thereof with a weight proportion mD6 and tetradecamethylcycloheptasiloxane D7 and/or hexadecamethylcyclooctasiloxane D8 and the linear homologs thereof with a weight proportion mD7+ the weight proportion mD3/mD6 being in a range between 0.05 and 90 and the weight proportion mD7+ being at least 20 ppm by weight.

No. of Pages: 45 No. of Claims: 12

(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TONER ADDITIVES COMPRISING COMPOSITE PARTICLES

(51) International classification	:G03G9/097	(71)Name of Applicant:
(31) Priority Document No	:61/551525	1)CABOT CORPORATION
(32) Priority Date	:26/10/2011	Address of Applicant :Two Seaport Lane Suite 1300 Boston
(33) Name of priority country	:U.S.A.	MA 02210 U.S.A.
(86) International Application No	:PCT/US2012/061957	(72)Name of Inventor:
Filing Date	:25/10/2012	1)FOMITCHEV Dmitry
(87) International Publication No	:WO 2013/063291	2)STEP Eugene N.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Metal oxide composite particles are used as a toner additive.



No. of Pages: 57 No. of Claims: 62

(21) Application No.3508/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: DETECTING ANALYTES

(51) International :C12Q1/68,G01N27/327,G01N27/02 classification

(31) Priority Document No :1120118.3 :22/11/2011

(32) Priority Date (33) Name of priority :U.K.

country

(86) International :PCT/EP2012/073240

Application No :21/11/2012 Filing Date

(87) International Publication: WO 2013/076143

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ITI SCOTLAND LIMITED

Address of Applicant: Atrium Court 50 Waterloo Street

Glasgow GB G2 6HQ U.K. (72) Name of Inventor: 1)SCHULZE Holger 2) CORRIGAN Damion

3)BACHMANN Till

(57) Abstract:

Provided is a method for detecting analyte in a sample which method comprises: (a) contacting the sample with a peptide nucleic acid (PNA) probe; (b) performing an electrochemical impedance spectrometry (EIS) measurement on the sample; (c) determining the presence absence quantity and/or identity of the analyte from the EIS measurement; wherein the analyte comprises nucleic acid; and wherein the quantity of analyte in the sample when the sample is taken is substantially the same as the quantity of analyte in the sample when the sample is subjected to the EIS measurement.

No. of Pages: 85 No. of Claims: 45

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : PREPARATION OF NOVEL FLUOROCOMPOUNDS METHODS OF PREPARATION AND COMPOSITIONS MADE THEREFROM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C07F7/18,C07C271/14,C07C69/003 :61/545883 :11/10/2011 :U.S.A. :PCT/US2012/058701 :04/10/2012 :WO 2013/055572 :NA :NA	(71)Name of Applicant: 1)HENKEL US IP LLC Address of Applicant: One Henkel Way Rocky Hill CT 06067 U.S.A. (72)Name of Inventor: 1)BURDZY Mathew 2)ZHANG Tianzhi 3)FENG Dingsong 4)ZHANG Yonghui
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Novel fluorinated compounds their method of preparation and use are disclosed as well as the incorporation of new and old fluorinated compounds in controlled radical polymerization processes to efficiently produce polymer compositions with unique and enhanced properties. Various cure mechanisms and types of end uses are disclosed.

No. of Pages: 67 No. of Claims: 62

(21) Application No.4602/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MEASURING AND QUANTIFYING USER'S STRESS LEVELS THROUGH VOICE SIGNAL ANALYSIS

(51) International classification	·G10I	(71)Name of Applicant :
(31) Priority Document No	:NA	1)3GS WELLNESS PVT LTD
(32) Priority Date	:NA	Address of Applicant :4/48, CASUARIANA DRIVE,
• •		**
(33) Name of priority country	:NA	KAPALEESWARAR NAGAR, NEELANGARAI, CHENNAI -
(86) International Application No	:NA	600 041 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMABADRAN NARAYANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method and system for measuring and quantifying users stress levels through voice signal analysis. The method comprising collecting users voice sample through a phone call or one or more voice receivers; breaking the users voice sample in myriad of parameters of voice attributes; assigning scores/weight-ages/numeric values to each voice attribute for the collected users voice sample by computer - implemented software; calculating the assigned stress scores/weight-ages/numeric values using an algebraic equation involving all the voice attributes; combining all individual voice attributes scores to total stress score/weight-age/numeric value; communicating the total stress score/weight-age/numeric value to a user device; and assigning and sending an avatar representation explaining the level of total score/weight-age/numeric value attained by the user. The scores/weight-ages/numeric values assigned to each voice attribute are based on correlation studies with Cortisol levels in the body.

No. of Pages: 14 No. of Claims: 6

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: NANOGELS, METHODS AND DEVICE THEREOF IN PEST MANAGEMENT

(51) International classification	:A01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :C.V. RAMAN AVENUE,
(33) Name of priority country	:NA	BANGALORE-560012, KARNATAKA, INDIA. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)1. Prof. Santanu Bhattacharya
(87) International Publication No	: NA	2)Dr.Deepa Bhagat
(61) Patent of Addition to Application Number	:NA	3)Dr. Suman Kalyan Samanta
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT NANOGELS, METHODS AND DEVICE THEREOF IN PEST MANAGEMENT The invention provides a method for preparation of a nanogel for pest management, the method comprising the steps of selecting an aromatic based gelator; adding a volatile active agent to the aromatic based gelator to obtain a mixture; heating the mixture to obtain a homogeneous solution; and cooling the homogeneous mixture to obtain a nanogel. The invention also provides a nanogel for pest management comprising of an aromatic based gelator and a volatile active agent. A device for pest management incorporating the nanogel is also provided.

No. of Pages: 33 No. of Claims: 15

(21) Application No.3703/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A MICROPROCESSOR ACCELERATED CODE OPTIMIZER AND DEPENDENCY REORDERING METHOD

(51) International classification :G06F9/305,G06F9/30,G06F9/06 (71) Name of Applicant: (31) Priority Document No 1)SOFT MACHINES INC. (32) Priority Date Address of Applicant: 3211 Scott Boulevard Suite 202 Santa :NA (33) Name of priority country Clara CA 95054 U.S.A. :NA (86) International Application (72) Name of Inventor: :PCT/US2011/061940 1)ABDALLAH Mohammad :22/11/2011 Filing Date (87) International Publication No:WO 2013/077872 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A dependency reordering method. The method includes accessing an input sequence of instructions initializing three registers and loading instruction numbers into a first register. The method further includes loading destination register numbers into a second register broadcasting values from the first register to a position in a third register in accordance with a position number in the second register overwriting positions in the third register in accordance with position numbers in the second register and using information in the third register to populate a dependency matrix for grouping dependent instructions from the sequence of instructions.

No. of Pages: 58 No. of Claims: 23

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SMART CARD SIMULTANEOUSLY HAVING TWO READ/WRITE MODE MATRIXES AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06K19/077 :201110344303.1 :03/11/2011 :China :PCT/CN2012/070084 :06/01/2012 :WO 2013/063870 :NA :NA	(71)Name of Applicant: 1)GOLDEN SPRING INTERNET OF THINGS INC. Address of Applicant:Room 1101 Building 7 No.99 Kechuang Fourteenth Street Economic Technological Development Area Beijing 100176 China (72)Name of Inventor: 1)ZHANG Xiaodong
<u> </u>	:NA :NA	

(57) Abstract:

Disclosed is a smart card simultaneously having two read/write mode matrixes comprising an antenna layer an antenna disposed on the antenna layer and a chip circuit layer. The antenna and the chip circuit layer are electrically connected through an elastic conductive device. The present invention further provides a process for producing a smart card simultaneously having two read/write mode matrixes comprising the following steps: embedding an antenna at a rear surface or a front surface of an antenna layer; after the antenna is embedded on the antenna layer adding a cushion layer a printing layer and a protection layer on the antenna layer and under the antenna layer respectively and performing lamination to obtain a card matrix carrier; cutting the laminated entire card matrix carrier to eventually obtain a card matrix and milling a groove for the obtained card matrix; and performing the final packaging. The present invention uses an elastic conductive device to electrically connect an antenna and a chip circuit layer so that manual operations such as tin spot welding are not required the production efficiency is enhanced; as a milling cutter with a special sensor is used to mill a groove so the quality of products is ensured the product rate is high and the produced smart card is stable.

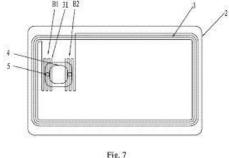


Fig.

No. of Pages: 17 No. of Claims: 10

(21) Application No.5591/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/12/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: NOVEL POLYMORPHS OF PAZOPANIB HYDROCHLORIDE AND INTERMEDIATES THEREOF

		(71)Name of Applicant:
(51) International classification	:C07D	1)LAURUS LABS PRIVATE LTD
(31) Priority Document No	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(32) Priority Date	:NA	ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SATYANARAYANA CHAVA
(87) International Publication No	: NA	2)SEETA RAMANJANEYULU GORANTLA
(61) Patent of Addition to Application Number	:NA	3)VENKATA SUNIL KUMAR INDUKURI
Filing Date	:NA	4)SANJAY NKUMAR DEHURY
(62) Divisional to Application Number	:NA	5)NAGARAJU MEKALA
Filing Date	:NA	6)JAHANGEER BABA SHAIK
		7)DURGA PRASAD KUCHIPUDI

(57) Abstract:

The present invention relates to novel polymorphic Forms of pazopanib hydrochloride, and its intermediates thereof, processes for its preparation and phanmaceutical composition containing the same.

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A METHOD TO WASH GREASY WOOL A METHOD TO SEPARATE LANOLIN FROM THE SAID GREASY WOOL WOOL AND LANOLIN OBTAINABLE BY THESE METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C11B11/00 :11184427.0 :07/10/2011 :EPO :PCT/EP2012/069680 :05/10/2012 :WO 2013/050510 :NA :NA	(71)Name of Applicant: 1)ERUTAN BV Address of Applicant: Mercuriusplein 1 NL 5971 LW Grubbenvorst Netherlands (72)Name of Inventor: 1)REUTELINGSPERGER Christiaan Mathias Hubertus Gerard
- 14/		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention pertains to a method to wash wool containing lanolin and impurities comprising providing a volume of an aqueous liquid at a temperature below a melting temperature of the lanolin soaking the wool in the volume of the liquid creating air bubbles in the liquid and allowing the air bubbles to pass through the wool to attach the impurities and removing the air bubbles and attached impurities from the said volume. The invention also pertains to a method to separate lanolin from wool containing lanolin and impurities and to wool and lanolin obtainable by these methods.

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application: 15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR PAGING AREA IDENTIFIER UPDATE AND PAGING IN WIRELESS NETWORKS CONTAINING LOW POWER BASE STATIONS

(51) International :H04W24/02,H04W68/04,H04W60/00

classification (31) Priority Document No :61/566501

(32) Priority Date :02/12/2011 (33) Name of priority :11.5 A

country :U.S.A.

(86) International :PCT/US2012/067654

Application No
Filing Date

FOR 1703201

:03/12/2012

(87) International Publication No :WO 2013/082627

(61) Patent of Addition to
Application Number
Siling Date
:NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego CA 92121 U.S.A.

(72)Name of Inventor: 1)SINGH Damanjit

2)TINNAKORNSRISUPHAP Peerapol

3)YAVUZ Mehmet 4)TOKGOZ Yeliz

(57) Abstract:

The present disclosure presents methods and apparatuses for improved paging area identifier selection in low power base stations. In some examples described in the present disclosure a method is provided for updating a paging area identifier which may include observing one or more parameters of signals received in a wireless network updating a previously selected paging area identifier to a new paging area identifier based at least in part on the one or more parameters and transmitting the new paging area identifier. In addition example methods are provided for paging devices in a wireless network which may include determining a paging area identifier related to a last known low power base station for a device determining a plurality of low power base stations using the paging area identifier and causing the plurality of low power base stations to transmit a paging signal for the device.



No. of Pages: 57 No. of Claims: 26

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR WIRELESSLY SHARING DATA AMONGST USER DEVICES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:PCT/US2011/061027 :16/11/2011 :WO 2013/074102 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)WONG Alison Han Chi 2)VONSHAK Itai 3)LIU Eric 4)MARTI Stefan 5)KIM Seung Wook
(62) Divisional to Application	:NA :NA	

(57) Abstract:

A system and method for sharing data between devices are provided. A source device detects one or more receiving devices that are operated in a mode to receive data from the source device. The source device detects a user action that signifies intent of a user to transmit data to the one or more receiving devices. In response to detecting the user action the source device identifies data that is in a state designated to be transmitted. The identified content is transmitted to the one or more receiving devices.

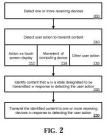


FIG. 2

No. of Pages: 40 No. of Claims: 20

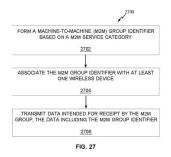
(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR GROUP BASED ACCESS CONTROL OF MACHINE TO MACHINE DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 24/08 :61/566129 :02/12/2011 :U.S.A. :PCT/US2012/067655 :03/12/2012 :WO 2013/082628 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)CHERIAN George 2)WANG Jun 3)GOGIC Aleksandar
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(57) Abstract:

Methods and devices for communicating in a communication system are described herein. In one aspect methods and devices for group based access control of machine to machine devices for wireless communication are described. One method includes forming a machine to machine (M2M) group identifier based on a M2M service category. The method further includes associating the M2M group identifier with at least one wireless device. The method further includes transmitting data intended for receipt by the M2M group the data including the M2M group identifier.



No. of Pages: 115 No. of Claims: 62

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROBIOTIC FORMULATION FOR DOG ORAL HEALTH

(51) International classification :A61I (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)TRANSLATIONAL RESEARCH PLATFORM FOR VETERINARY BIOLOGICALS Address of Applicant: MADHAVARAM MILK COLONY, CHENNAI 600 051 Tamil Nadu India (72)Name of Inventor: 1)GOLLAMUDI SUNITHA 2)GOPAL DHINAKAR RAJ 3)DEEPAN RAJKUMAR NARAYANAN 4)MURUGAIYAN LATHA MALA PRIYADHARSHINI 5)CHITRA KARUPPANNAN 6)RAMAN MUTHUSAMY
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(57) Abstract:

Bacterial species belonging to Lactic acid bacteria are isolated from the healthy pups oral/aural/skin, in order to develop Probiotic formulation to be used for dog oral hygiene. The LAB were identified by 16s RNA sequencing and biochemical characters. All the isolates were tested for Probiotic characters like attachment to dog buccal epithelium, antimicrobial activity, antibiotic sensitivity, Hydrogen peroxide production, growth curves and ability to withstand spray drying. 5 isolates namely Lactobacillus plantarum MVC 22m, Enterococcus faecium MVC 15e, Pediococcus pentosaceus MVCl2m, Weisella cibariamvc 138s, Enterococcus munditii MVC le, were used in the formulation @ 1 billion organisms per dose for first 3 and 0.5 billion organisms per dose for the last 2 organisms. The stability period in the spry dried powder is 10 months. Liquid formulation in the form of spray has been developed. Clinical trials conducted in dogs to check the efficacy of this spray indicated that, it is effective against halitosis reduction, dental tartar reduction when treated for 4 days daily once or 4 sprays 5. day once. In vitro studies showed reduction in aerobic and anaerobic bacterial flora of the oral cavity and colonization of LAB. Keywords: ; - Lactic acid bacteria from dog oral cavity- Development of Probiotic formulation for dogs oral hygiene- Clinical trials on efficacy of Probiotic formulation in dogs

No. of Pages: 27 No. of Claims: 3

(21) Application No.6110/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 09/10/2015

(54) Title of the invention: A HEALTH DRINK MIX

(51) International classification :A	61K (71)Name of Applicant :
(31) Priority Document No :N	A 1)Madhu Honnenahalli Narayan
(32) Priority Date :N	A Address of Applicant :Vanasuma, 8th cross, 7th Main, SS
(33) Name of priority country :N	A Puram, Tumkur-572102, Karnataka, India. Karnataka India
(86) International Application No :N	A 2)Nagaraj Thippeswamy Gurum
Filing Date :N	A (72)Name of Inventor :
(87) International Publication No : N	A 1)Madhu Honnenahalli Narayan
(61) Patent of Addition to Application Number :N	A 2)Nagaraj Thippeswamy Gurum
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

(57) Abstract:

The invention provides a health drink mix and a process for preparation of the health drink mix. The health drink mix is prepared by blending equal proportions of a cereal malt flour, wheat flour and corn flour to obtain a blended flour. To the blended flour a sweetening agent is mixed to obtain a thick slurry. To the thick slurry spirulina powder, skimmed milk powder and flavouring agents are added to obtain homogeneous paste. The paste is then dried and blended to obtain a health drink mix with a particle size of 200-300 mesh size. The composition of the health drink mix include, a blended flour (20-30% w/w); skimmed milk powder (10-30% w/w); sweetening agent (20-30% w/w); spirulina powder (5-15 % w/w) and flavouring agents (3-5% w/w). The health drink mix is easily reconstituted to obtain uniform and homogeneous suspension with no sediments.

No. of Pages: 16 No. of Claims: 12

(21) Application No.3711/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD OF FORMING A MICRO LED STRUCTURE AND ARRAY OF MICRO LED STRUCTURES WITH AN ELECTRICALLY INSULATING LAYER

(51) International :H01L33/46,H01L33/48,H01L33/36

classification (31) Priority Document No :61/561706 (32) Priority Date :18/11/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/064215

No :08/11/2012 Filing Date

(87) International Publication: WO 2013/074370

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

(71)Name of Applicant:

1)LUXVUE TECHNOLOGY CORPORATION

Address of Applicant :1705 Wyatt Drive Santa Clara California 95054 U.S.A.

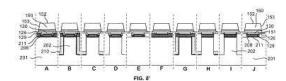
(72) Name of Inventor: 1)HU Hsin Hua

2)BIBL Andreas 3)HIGGINSON John A. 4)LAW Hung Fai Stephen

(57) Abstract:

Filing Date

A method of fabricating and transferring a micro device and an array of micro devices to a receiving substrate are described. In an embodiment an electrically insulating layer is utilized as an etch stop layer during etching of a p n diode layer to form a plurality of micro p n diodes. In an embodiment an electrically conductive intermediate bonding layer is utilized during the formation and transfer of the micro devices to the receiving substrate.



No. of Pages: 123 No. of Claims: 30

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR MEASURING SURFACE PROFILES IN WORKING ALUMINIUM ELECTROLYSIS CELLS

(51) International classification (C25C3/20,G01S5/16,C25C3/08 (71)Name of Applicant : (31) Priority Document No (11188899.6 (32) Priority Date (11/11/2011 Address of Applicant : (25C3/20,G01S5/16,C25C3/08 (71)Name of Applicant : (11/188899.6 Address of Applicant : (25C3/20,G01S5/16,C25C3/08 (71)Name of Applican

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/072318

Filing Date :09/11/2012

(87) International Publication No :WO 2013/068558

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application Number :NA

Filing Date

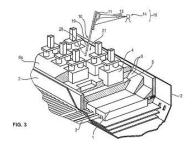
Address of Applicant :Shnleinstr. 8 65201 Wiesbaden

Germany

(72)Name of Inventor: 1)PACHARZYNA Rafal 2)ORACZ Tomasz

(57) Abstract:

The invention relates to an apparatus (10) for determining the surface profiles in particular the cathode wear profile (22) or the side ledge(s) profile of an aluminium electrolysis cell which is filled with an aluminium melt (5) and has side ledge(s) (6a) comprising a position determining system with a mobile system member (11) and a stationary system member (14) and a lance (16) with a heat resistant lance tip (19) for immersing into the melt (5) onto cathode or the side ledge(s) surface of the cell the mobile member (11) being attached to the lance (16) and the stationary member (14) being adapted for determining a position of the lance tip (19) by determining a position of the mobile member (11). Furthermore the invention relates to a method for determining the surface profiles in particular the cathode wear profile (22) or the side ledge(s) profile in an aluminium electrolysis cell by employing said apparatus (10) immersing the lance tip (19) of the apparatus (1) into the aluminium melt (5) onto cathode or side ledge surface (6a) of the cell and determining the position of the lance tip (19) as the height of the cathode (1) or of the side ledge (6a) at this position in the cell.



No. of Pages: 24 No. of Claims: 16

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SIDE COVER FOR A SADDLE TYPE VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	: NA : NA : NA : NA : NA	1)YOGESH CHANDRAKANT KOTNIS 2)RAJAMANI RAVISANKAR 3)KURMAM SHANMUKHA PRADEEP 4)NITHIN MADHAV

(57) Abstract:

The present subject matter discloses a side cover subassembly 200 comprising a side cover 201 and a trim member 211. The trim member is removably attachable to the side cover and includes a central portion 218 with a grill. The side cover 201 comprises at least one receptacle and at least one hook to attach and hold the trim member 211. The side cover subassembly 200 is connected to an edge portion of a floorboard in a slide and lock mode. [Abstract to be published with FIG. 3]



No. of Pages: 26 No. of Claims: 10

(22) Date of filing of Application :05/09/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AIR CLEANER APPARATUS AND STRADDLE -TYPE VEHICLE EQUIPPED WITH THE APPARATUS.

	:A47L	(71)Name of Applicant :
(51) International classification	7/00, A47L	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
	9/00	Address of Applicant :2500 SHINGAI,IWATA-SHI,SHIZUOKA-
(31) Priority Document No	:2011-	KEN 438-8501,JAPAN
(31) Thornty Document No	289098	(72)Name of Inventor:
(32) Priority Date	:28/12/2011	1)ATUSHI SOU
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An air cleaner apparatus (102) has an air cleaner case (105), a main filter element (170) dividing an interior of the air cleaner case (105) into a first chamber (115) and a second chamber (145), an intake passage (130) for sucking air outside the air cleaner case (105) into the first chamber (115), a discharge passage (148) for discharging the air within the second chamber (145) out of the air cleaner case (105), and a pre-filter element (138) including a wet-type element disposed in the first chamber (115). The intake passage (130) has an air outlet port (132) for blowing off air into the first chamber (115). The pre-filter element (138) is disposed spaced apart from the air outlet port (132) so as to be positioned on the axis line of the air outlet port (132).

No. of Pages: 54 No. of Claims: 15

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : POSITION DETERMINATION FOR AN OBJECT BY MEANS OF THE SENSING OF A POSITION PATTERN BY AN OPTICAL SENSOR

(31) Priority Document No :102 (32) Priority Date :14/ (33) Name of priority country :Ge (86) International Application No :PC Filing Date :13/	IA 4)VEY Christian IA 5)ZEH Rinat	
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(57) Abstract:

An apparatus (10) for determining a position for an object (5) in relation to a presentation of an image (3) that is to be presented comprises a position pattern generator (12) for generating a position pattern (13) which is divided into a multiplicity of pattern sections wherein each of the pattern sections has a unique bit pattern comprising a multiplicity of bit patterns and wherein the bit patterns are Gray coded in a generalized manner. The apparatus (10) also comprises a combination unit (14) for combining the position pattern (13) with the at least one image (3) that is to be presented and for providing a corresponding combined image and an optical sensor (15) for optically sensing an image detail from the combined image wherein the image detail correlates to the position of the object (5). In addition the apparatus (10) comprises a filter (16) for extracting at least one bit pattern which corresponds to a pattern section from the position pattern (13) from the image detail and for providing at least one corresponding extracted pattern section and also a determination device for determining the position of the object (5) on the basis of the at least one extracted bit pattern. A method for determining the position of an object (5) is likewise disclosed.

No. of Pages: 47 No. of Claims: 26

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD DEVICE AND SYSTEM FOR IMPLEMENTING MULTIMEDIA DATA RECORDING

(51) International classification	:H04L29/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building Bantian
(33) Name of priority country	:NA	Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/078175	(72)Name of Inventor:
Filing Date	:04/07/2012	1)WU Jie
(87) International Publication No	:WO 2014/005300	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a method device and system for implementing multimedia data recording. The method comprises: a distributing device generating a recording instruction the recording instruction comprising multimedia data identification information; and the distributing device sending the recording instruction to a recording device so that the recording device identifies and records multimedia data corresponding to the multimedia data identification information. According to embodiments of the present invention the distributing device only needs to determine multimedia data identification information corresponding to multimedia data that needs to be recorded and sends the information to the recording device without processing and distributing all multimedia data and the recording device identifies the multimedia data corresponding to the multimedia data identification information and records the multimedia data. The amount of data processed by the distributing device is very small so that the efficiency of multimedia data recording is improved.

No. of Pages: 99 No. of Claims: 37

(22) Date of filing of Application :09/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING DATA IN COMMUNICATION/BROADCASTING SYSTEM

(51) International classification	:H03M13/11	(71)Name of Applicant :
(31) Priority Document No	:1020110103275	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:10/10/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si
(33) Name of priority country	:Republic of Korea	Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/007538	(72)Name of Inventor:
Filing Date	:20/09/2012	1)JEONG Hong Sil
(87) International Publication No	:WO 2013/055046	2)YUN Sung Ryul
(61) Patent of Addition to Application Number	:NA	3)MOURAD Alain
Filing Date	:NA	4)GUTIERREZ Ismael
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

padthpadstThe present invention relates to performing shortening or puncturing when performing encoding or decoding through the use of a parity check matrix in a communication/broadcasting system. The operation method of a transmission terminal includes the steps of: determining the number of bits to be 0 padded; determining the number N of bit groups of which all bits are to be 0 padded; padding all bits within 0 to N 1 bit groups indicated by a shortening pattern with 0; mapping information bits to the locations of bits which are not padded in Bose Chaudhuri Hocquenghem (BCH) information bits; BCH encoding the BCH information bits in order to generate Low Density Parity Check (LDPC) information bits; and LDPC encoding the LDPC information bits in order to generate an O padded codeword. Here the shortening pattern is defined in the order of bit groups which are defined to be 9 8 15 10 0 12 5 27 6 7 19 22 1 16 26 20 21 18 11 3 17 24 2 23 25 14 28 4 13 and 29.

No. of Pages: 135 No. of Claims: 14

(21) Application No.1060/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR DISPLAYING IDENTIFIED TARGET PARAMETERS OF TARGETS LOCATED IN A RECONNAISSANCE AREA WITH A DISPLAY

(51) International classification	:G01S7/62,G01S3/808	(71)Name of Applicant:
(31) Priority Document No	:10 2011 121 007.9	1)ATLAS ELEKTRONIK GMBH
(32) Priority Date	:13/12/2011	Address of Applicant :Sebaldsbr1/4cker Heerstrasse 235 28309
(33) Name of priority country	:Germany	Bremen Germany
(86) International Application No	:PCT/EP2012/074218	(72)Name of Inventor:
Filing Date	:03/12/2012	1)DINTER Jens Heiko
(87) International Publication No	:WO 2013/087436	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for displaying identified target parameters of targets (26 28) which are located in a reconnaissance area (30) with a display (36). For this purpose the display (36) has a plurality of regions referred to below as display sub regions (38 40) and the reconnaissance area (30) has a plurality of regions referred to below as reconnaissance sub areas (32 34). In addition each reconnaissance sub area (32 34) is assigned a display sub region (38 40). The identified target parameters of a target (26 28) comprise unambiguous target parameters (66) of the target (26 28) which are assigned to a specific reconnaissance sub area (32 34) and ambiguous target parameters (68) of the target (26 28) which are assigned to all of the reconnaissance sub areas (32 34). In addition the device has selection means (70) for selecting the unambiguous or ambiguous target parameters (66 68) of a target (26 28) and display means (76) for displaying the selected target parameters (72). In this context the display means (76) are designed to display selected unambiguous target parameters (66) of the target (26 28) only in a display sub region (38 40) assigned to the reconnaissance sub area (32 34) of the unambiguous target parameters (66) or in such a way that they can be additionally differentiated therefrom in one or more further display sub regions (38 40). In addition the display means (76) is designed to display selected ambiguous target parameters (68) of the target (26 28) in all the display sub regions (38 40) which are assigned to the reconnaissance sub areas (32 34).

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR HAULING IN AN UNMANNED SUBMERSIBLE

(51) International classification	:B63G8/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011 121 854.1	1)ATLAS ELEKTRONIK GMBH
(32) Priority Date	:21/12/2011	Address of Applicant :Sebaldsbrl/4cker Heerstrasse 235 28309
(33) Name of priority country	:Germany	Bremen Germany
(86) International Application No	:PCT/EP2012/074520	(72)Name of Inventor:
Filing Date	:05/12/2012	1)LICHT Joachim
(87) International Publication No	:WO 2013/092216	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device and a method for hauling in an unmanned submersible. In order to ensure that an unmanned secondary submersible 2 is hauled safely into a primary submersible 1 hauling into a tender garage 4 for receiving the submersible 2 is provided according to the invention wherein the submersible 2 is centred in an entry region 7 in front of a door 5 of the tender garage 4 by means of at least one positioning flow 8 which is generated outside the peripheral region of the door 5 and is directed into the entry region 7. Subsequently the submersible 2 is guided into the tender garage 4.

No. of Pages: 18 No. of Claims: 14

(22) Date of filing of Application :13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MONOLITHIC REFRACTORY FOR DRY BLOWING

(51) International classification :C04B35/66,F27D1/00,F27D1/16 (71)Name of Applicant :

(31) Priority Document No :2011263871 (32) Priority Date :01/12/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/075798 Filing Date :04/10/2012

(87) International Publication No :WO 2013/080661

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)KROSAKIHARIMA CORPORATION

(21) Application No.1012/KOLNP/2014 A

Address of Applicant: 1 1 Higashihama machi Yahatanishi ku

Kitakyushu shi Fukuoka 8068586 Japan

(72)Name of Inventor:

1)INADOMI Shunsuke

2)HONDA Kazuhiro

3)KUSUNOKI Aya

4)HARAGUCHI Kazuaki

(57) Abstract:

(19) INDIA

The invention makes it possible to ensure mixing of a silica sol and a refractory material and to accelerate a curing reaction when a dry blowing construction method is used and consequently achieves a refractory for blowing of excellent durability. This monolithic refractory for dry blowing includes a refractory material and a silica sol having a concentration of solid silica at 20 50 mass%. The silica sol is added so that the solid silica included in the total quantity of silica sol reaches 3 30 mass% relative to the total 100 mass% of the refractory material. The refractory material contains a compound including Mg or Ca at a particle size of 10 µm or smaller. The amount of the compound including Mg or Ca at a particle size of 10 µm or smaller contained in the refractory material is 0.02 or more with respect to the amount of solid silica contained in the total quantity of silica sol.

No. of Pages: 23 No. of Claims: 5

(21) Application No.1075/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: MUSCARINIC M1 RECEPTOR AGONISTS

(51) International classification :A61K31/4545,A61K31/55,A61P25/00 (71)Name of Applicant : (31) Priority Document No :61/632813

(32) Priority Date :18/11/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/GB2012/052857

Filing Date :16/11/2012 (87) International Publication No :WO 2013/072705

(61) Patent of Addition to :NA Application Number :NA

Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)HEPTARES THERAPEUTICS LIMITED

Address of Applicant :BioPark Hertfordshire Broadwater Road

Welwyn Garden City Hertfordshire AL7 3AX U.K.

(72)Name of Inventor: 1)CONGREVE Miles 2)BROWN Giles

3)CANSFIELD Julie 4)TEHAN Benjamin

(57) Abstract:

16This invention relates to compounds that are agonists of the muscarinic M1 receptor and which are useful in the treatment of muscarinic M1 receptor mediated diseases. Also provided are pharmaceutical compositions containing the compounds and the therapeutic uses of the compounds. Compounds provided are of formula I where n is 1 or 2; p is 0 1 or 2; q is 0 1 or 2; and R R are as defined herein.

No. of Pages: 80 No. of Claims: 20

(22) Date of filing of Application :20/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : COMMUNICATION METHOD OF SHARING ONE CELL BASE STATION CONTROLLER BASE STATION AND COMMUNICATION SYSTEM THEREOF

(51) International classification	:H04W36/08	(71)Name of Applicant:
(31) Priority Document No	:201110352483.8	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:09/11/2011	Address of Applicant :Huawei Administration Building Bantian
(33) Name of priority country	:China	Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/084370	(72)Name of Inventor:
Filing Date	:09/11/2012	1)GUO Jiang
(87) International Publication No	:WO 2013/067959	2)MEI Jingjin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a communication method of sharing one cell a base station controller a base station and a communication system thereof and the invention relates to the communication technology field. A cell capacity of the base station can be increased after using a sharing cell technology. The communication method of sharing one cell comprises the following steps that: when terminals which are respectively accessed to different location groups occupy different logic channels the terminals which are respectively accessed to the different location groups are switched to one logic channel. The communication method of sharing one cell also comprises the following steps: through the same logic channel modulating and sending downlink data to the terminals which are respectively accessed to the different location groups; and/or receiving and demodulating uplink data sent by the terminals which are respectively accessed to the different location groups through the same logic channel. The base station controller used for realizing cell sharing comprises a switching apparatus which is used to switch the terminals which are respectively accessed to the different location groups to the same logic channel when the terminals which are respectively accessed to the different location groups occupy the different logic channels.

No. of Pages: 33 No. of Claims: 19

(21) Application No.1077/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: A FIBER ENRICHED FILLING COMPOSITION FOR A CHOCOLATE PRODUCT

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:A23G3/34,A23G1/54
:11009575.9
:03/12/2011
:EPO
:PCT/EP2012/074211
:03/12/2012

(87) International Publication No :WO 2013/079716 (61) Patent of Addition to Application :NA

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

:A23G3/34,A23G1/54,A23G1/56 (71)Name of Applicant :

1)CAVALIER NV

Address of Applicant :Burgemeester L. Pussemiersstraat 46 B 9900

Eeklo Belgium

(72)Name of Inventor:

1)VERDEGEM Felix

(57) Abstract:

The present invention is directed to a fiber enriched filling composition for a chocolate product comprising: a. a steviol glucoside and/or steviol glycoside b. fat c. fibers d. a polyol. Further the present invention is directed to a chocolate product comprising such filling composition.

No. of Pages: 13 No. of Claims: 15

(22) Date of filing of Application :09/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR DETERMINING STATISTICS FOR DIRECTION OF DEPARTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04B7/06 :NA :NA :NA :PCT/SE2011/051226 :13/10/2011 :WO 2013/055269	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)GUNNARSSON Fredrik 2)CARLSSON Niklas
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/SE2011/051226	1)GUNNARSSON Fredrik
Filing Date	:13/10/2011	2)CARLSSON Niklas
(87) International Publication No	:WO 2013/055269	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method (200) for determining statistics for the Direction of Departure between a UE and a base station. The method (200) comprises receiving measurement reports from the UE on the strength of signals in the UE from one or more of the cells served by the base station and for one pair of cells served by the base station determining (220) whether or not the UE was limited in measuring the strength of the signals and if the UE was limited determining (230) said statistics using the signal strengths from the cells in the pair the cells antenna gain towards the UE and the maximum difference between the signal strengths from the cells in the pair and if the UE was not limited determining (225) said statistics using the signal strengths from the cells in the pair and differences in the cells antenna gain towards the UE.

No. of Pages: 43 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :09/05/2014

(21) Application No.1004/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ELECTRIC CART

:GM 556/2011 :11/10/2011 :Austria	(71)Name of Applicant: 1)AUROTEC GMBH Address of Applicant:Wartenburgerstraße 1a A 4840 Vöcklabruck Austria (72)Name of Inventor: 1)RAUCH Ernst
:NA ·NA	
	:GM 556/2011 :11/10/2011 :Austria :PCT/AT2012/050148 :11/10/2012 :WO 2013/052977 :NA :NA

(57) Abstract:

A transport device (1) with a chassis (2) which has at least three wheels (3 4) mounted on at least two axles of which one axle is a drive axle (3) that carries only one single central electrically driven wheel (3) with a support unit (21) that is equipped to receive an oblong load preferably a golf bag and with a guiding part (21) which has a handle area on an operating side wherein in the operating position the drive axle (3) on the chassis (2) is on the operating side and the support unit (21) projects transversely across the drive axle (3) essentially in the direction of the operating side.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :21/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: ELECTRONIC EXPANSION VALVE AND AIR CONDITIONER

(51) International classification :F25B41/06,F16K1/36,F16K31/04 (71)Name of Applicant : (31) Priority Document No :2011252738

(32) Priority Date :18/11/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/079417 Filing Date :13/11/2012

(87) International Publication No :WO 2013/073531

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date

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Address of Applicant : Umeda Center Building 4 12 Nakazaki Nishi 2

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(72)Name of Inventor:

1)WAKISAKA Shigetaka

2)OKA Masahiro

(57) Abstract:

An electronic expansion valve comprising a valve body a valve seat and a stepping motor. A valve section is formed at the tip of the valve body. The valve seat forms a variable throttle section between itself and the valve section as a result of the valve body moving in the axial direction. The stepping motor causes the valve section to move in accordance with the number of pulses. At least one section of the side surface of the valve section is formed in a shape having a constant aperture ratio.

No. of Pages: 34 No. of Claims: 8

(21) Application No.1081/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: POWER GENERATING SYSTEM AND CORRESPONDING METHOD

:NA

:F02C3/34,F02C7/143,F01K25/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/554880 1)8 RIVERS CAPITAL LLC (32) Priority Date :02/11/2011 Address of Applicant :406 Blackwell St. 4th Floor Durham NC 27701 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/063012 (72)Name of Inventor: Filing Date :01/11/2012 1)ALLAM Rodney John (87) International Publication No :WO 2013/067149 2)FETVEDT Jeremy Eron (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

2222The present disclosure provides an integrated power generating system and method and liquefied natural gas (LNG) vaporization system and method. More particularly heat from a CO containing stream (15) from the power generating system and method can be used to heat (21) the LNG for re gasification (44) as gaseous CO from CO containing stream is liquefied (55). The liquefied CO can be captured and/or recycled back to a combustor (1) in the power generating system and method.

No. of Pages: 32 No. of Claims: 37

(22) Date of filing of Application :21/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : HYBRID FOSSIL FUEL AND SOLAR HEATED SUPERCRITICAL CARBON DIOXIDE POWER GENERATING SYSTEM AND METHOD

	E02.07.6/0.6	(711)NT
(51) International classification	:F03G6/06	(71)Name of Applicant:
(31) Priority Document No	:61/558907	1)PALMER LABS LLC
(32) Priority Date	:11/11/2011	Address of Applicant :406 Blackwell Street 4th Floor Durham NC
(33) Name of priority country	:U.S.A.	27701 U.S.A.
(86) International Application No	:PCT/US2012/064397	2)8 RIVERS CAPITAL LLC
Filing Date	:09/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/071069	1)PALMER Miles R.
(61) Patent of Addition to Application Number	:NA	2)FETVEDT Jeremy Eron
Filing Date	:NA	3)FREED David Arthur
(62) Divisional to Application Number	:NA	4)BROWN JR. Glenn William
Filing Date	:NA	

(57) Abstract:

The present disclosure provides an integrated power generating system and method that combines combustion power generation with solar heating. Specifically a closed cycle combustion system utilizing a carbon dioxide working fluid can be increased in efficiency by passing at least a portion of a carbon dioxide working fluid through a solar heater prior to passage through a combustor.

No. of Pages: 35 No. of Claims: 35

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR THE ENTRAINED FLOW GASIFICATION OF SOLID FUELS UNDER PRESSURE

(51) International classification :C10J3/50,C10J3. (31) Priority Document No :10 2011 088 628 (32) Priority Date :14/12/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/074 Filing Date :06/12/2012 (87) International Publication No :WO 2013/08752 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	1) TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG Address of Applicant :Akademiestr. 6 09599 Freiberg Germany (72)Name of Inventor: 1)MEYER Bernd 2)GRÄBNER Martin
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(57) Abstract:

The invention relates to a method and a device for the entrained flow gasification of solid fuels under pressure characterised in that first and second oxygen containing gasification means are supplied from above to a burnerless dust forming gasification material stream in at least two stages such that a first upper gasification chamber and subsequent second lower gasification chamber are formed. Through the addition of the first gasification means measured according to quantity and composition partial gasification of the gasification materials is performed wherein temperatures in the first upper gasification chamber which are greater than 600°C are adjusted. In addition the carbon conversion of the first gasification products is limited to 80% based on the carbon input of the gasification materials. Through the addition of the second gasification means measured according to quantity and composition temperatures in the second gasification chamber are adjusted to a level that is high enough that largely complete gasification takes place and the desired compositions of the raw synthesis gases of the second gasification process are obtained. In the process the discharge of ash in dry form and/or in the form of a melted slag is possible.

No. of Pages: 27 No. of Claims: 9

(21) Application No.1094/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : A CATALYST BED SYSTEM FOR AN ENDOTHERMIC CATALYTIC DEHYDROGENATION PROCESS AND AN ENDOTHERMIC DEHYDROGENATION PROCESS

(51) International classification :B01J8/02,B01J29/42,C
(31) Priority Document No :11186322.1

(32) Priority Date :24/10/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/070860 Filing Date :22/10/2012

(87) International Publication No :WO 2013/060640

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:B01J8/02,B01J29/42,C07C5/333 (71)Name of Applicant :

1)BOREALIS AG

Address of Applicant : Wagramer Straße 17 19 A 1220 Wien Austria

(72)Name of Inventor:

1)WEYNE Kristof

2)MATHIVANAN Guhan

(57) Abstract:

The present invention relates to a catalyst bed system comprising a horizontal catalyst bed comprising a mixture of at least one catalytic material and at least one first inert material a predetermined volume of at least one second inert material arranged upstream of the catalyst bed wherein the volume of the reactor above the catalyst bed system is not filled by any solid material (empty space). The catalyst bed system is characterized in that the ratio of the volume of the second inert material and the volume of the reactor above the second inert material (empty space) is between 0.04 and 0.73 preferably between 0.06 and 0.3 most preferably between 0.09 and 0.2. The present invention relates also to a dehydrogenation process using this catalyst bed system.

No. of Pages: 25 No. of Claims: 15

(22) Date of filing of Application :22/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ELECTRICAL SWITCHING APPARATUS AND OPENING ASSEMBLY THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01H3/30,H01H71/50 :13/366558 :06/02/2012 :U.S.A. :PCT/US2013/021162 :11/01/2013 :WO 2013/119348 :NA :NA	(71)Name of Applicant: 1)EATON CORPORATION Address of Applicant: Eaton Center 1111 Superior Avenue Cleveland Ohio 44114 U.S.A. (72)Name of Inventor: 1)SLEPIAN Robert Michael 2)WEISTER Nathan James
E	:NA :NA	

(57) Abstract:

An opening assembly (100) is provided for an electrical switching apparatus (200) having a housing (202) separable contacts (204) enclosed by the housing (202) and an operating mechanism (206) for opening and closing the separable contacts (204). The operating mechanism (206) includes a poleshaft (208). The opening assembly (100) includes a spring link (102) comprising a first portion (104) structured to be pivotably coupled to the poleshaft (208) and a second portion (106) disposed generally opposite of the first portion (104). A number of opening springs (110) each include a fixed end (112) fixedly coupled to the housing (202) and a movable end (114) coupled to the second portion (106) of the spring link (102). The spring link (102) is movable between an open position wherein the opening springs (110) bias the spring link (102) and poleshaft (208) to maintain full separation of the separable contacts (204) and a closed position wherein the opening springs (110) do not bias the poleshaft (208).

No. of Pages: 18 No. of Claims: 11

(21) Application No.1030/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR PREPARING SILODOSIN

(51) International classification	:C07D209/08	(71)Name of Applicant :
(31) Priority Document No	:11 008 484.5	1)SANDOZ AG
(32) Priority Date	:21/10/2011	Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/004378	1)KUMAR LUTHRA Parven
Filing Date	:19/10/2012	2)BHUTA Sachin
(87) International Publication No	:WO 2013/056842	3)ABHINAY Chandrakant Pise
(61) Patent of Addition to Application Number	:NA	4)DATTATRAYA N. Chavan
Filing Date	:NA	5)SHASHIKANT D. Metkar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

12The present invention relates to a process for preparing silodosin with high optical purity up to 99.9% enantiomeric excess (e.e.) or above. The process makes use of a method step in which the enantiomers contained in a racemic mixture of a compound represented by the general formula V: wherein denotes the asymmetric center R is a protecting group and R is cyano or carbamoyl are separated.

No. of Pages: 30 No. of Claims: 14

(22) Date of filing of Application: 15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: DISPOSABLE ARRAY TYPE MICRO INJECTION NEEDLE HEAD AND PRE FILLING INJECTOR THEREOF

(51) International classification :A61M5/32,A61M5/31,A61M5/34 (71)Name of Applicant :

(31) Priority Document No :201110317397.3 (32) Priority Date :18/10/2011

(33) Name of priority country :China

(86) International Application No :PCT/CN2012/079773

Filing Date :07/08/2012 (87) International Publication No :WO 2013/056588

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date

1)TSINGHUA UNIVERSITY

Address of Applicant :Qinghuayuan 1# Haidian District Beijing

100084 China

(72)Name of Inventor:

1)YUE Ruifeng

2)WANG Yan

(57) Abstract:

Disclosed is a disposable array type micro injection needle head which comprises: a lower needle base (3) which is a columnar cylinder of which one end is provided with an opening and the other end is provided with a top cover and which is connected with an injecta reservoir (17); an upper needle base (2) which is arranged above the top cover of the lower needle base (3) and a cavity (15) is formed between the upper needle base (2) and the top cover; a through hole for communicating the columnar cylinder and the cavity (15) is formed on the top cover and an injecta extracting needle (4) is arranged in the through hole; one end of the injecta extracting needle (4) is communicated with the cavity (15) and the other end is positioned in the columnar cylinder and injecta is extracted from the reservoir (17) to the cavity (15); at least two needle tubes (1) are arranged on the upper needle base (2) and one end of each needle tube (1) is a needle tip for puncturing and injecting the injecta and the other end is arranged on the upper needle base (2) and is communicated with the cavity (15). The needle head can be used for the conventional insulin injection pen directly or formed a disposable pre filling injector by arranging the injecta reservoir (17) in the columnar cylinder. By using a plurality of thin and short needle tubes (1) to inject simultaneously medicines such as the insulin and the like can be vertically injected beneath the skin of multiple parts of human bodies quickly painlessly safely and conveniently without leakage under the condition that skin is not pinched so the hidden danger of injecting the medicines into muscles is avoided and the using compliance and therapeutic effect of patients are improved.

No. of Pages: 28 No. of Claims: 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2014

(21) Application No.1098/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: SURGE ARRESTER

(51) International classification	:H01C7/12	(71)Name of Applicant:
(31) Priority Document No	:10 2011 088 072.0	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:09/12/2011	Address of Applicant :Wittelsbacherplatz 2 80333 München Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/072214	1)SPRINGBORN Dirk
Filing Date	:09/11/2012	2)GOTTSCHALK Ingo
(87) International Publication No	:WO 2013/083347	3)PIPPERT Erhard
(61) Patent of Addition to Application Number	:NA	4)SULITZE Markus
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

The invention relates to a surge arrester (1) having a tube shaped housing (2) an end fitting (3) connected to an end of the housing a varistor block arranged in the housing (2) and a supporting element (4) arranged in the region of the end fitting (3). The supporting element (4) comprises a supporting ring (5) which is in contact with the housing (2) and which comprises a cone (6) and a clamping ring (7) which comprises a counter cone (8) that corresponds to the cone (6). The cone (6) is braced to the counter cone (8) in such a manner that the supporting ring (5) is pressed to the housing (2) in a non displaceable manner. The supporting element (4) can thus also be used after the installation of the varistor block and also be removed.

No. of Pages: 20 No. of Claims: 5

(22) Date of filing of Application :22/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A CONE CRUSHER HAVING AN ARRANGEMENT FOR MEASURING A POSITION OF A CRUSHING SHELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:11191503.9 :01/12/2011 :EPO :PCT/EP2012/072519	,
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:13/11/2012 :WO 2013/079319 :NA :NA :NA	2)SVENSSON Rickard
Filing Date	:NA	

(57) Abstract:

A cone crusher (10) comprises an outer crushing shell and an inner crushing shell forming between them a crushing gap the outer crushing shell being supported on an upper frame member (14) in vertically adjustable engagement with a lower frame member (16). A sensor arrangement (64) having a sensor element is provided for measuring the vertical position of the outer crushing shell. The cone crusher (10) further comprises a target means arranged to be detectable by said sensor element wherein one of the target means and the sensor element being arranged to follow vertical movement of the upper frame member (14) and to move in relation to the other one of the target means and the sensor element. The sensor element comprises a vertical sensing array which extends in a vertical direction along at least a portion of a range within which the target means may be moved upon adjusting the vertical position of the upper frame member (14).

No. of Pages: 20 No. of Claims: 12

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : GDF 5 MUTANT FOR INDUCING CARTILAGE FORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07K14/51 :11191973.4 :05/12/2011 :EPO :PCT/EP2012/074549 :05/12/2012 :WO 2013/083649 :NA	(71)Name of Applicant: 1)BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH Address of Applicant: Czernyring 22 69115 Heidelberg Germany (72)Name of Inventor: 1)PLÖGER Frank 2)WAGNER Florian
Filing Date	:NA	

(57) Abstract:

The present invention is directed to GDF 5 related proteins having an improved capability of inducing cartilage formation and a reduced capability of inducing bone formation. The novel proteins are particularly useful in the treatment of cartilage defects wherein the formation of bone tissue is undesirable.

No. of Pages: 49 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: AIR CONDITIONING INDOOR UNIT

:F24F11/02,F24F13/08,F24F13/14 | (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011239778 (32) Priority Date :31/10/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/075462 Filing Date :02/10/2012

(87) International Publication No :WO 2013/065438

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)DAIKIN INDUSTRIES LTD.

(21) Application No.1027/KOLNP/2014 A

Address of Applicant: Umeda Center Building 4 12 Nakazaki Nishi 2

Chome Kita ku Osaka shi Osaka 5308323 Japan

(72)Name of Inventor:

1)YASUTOMI Masanao

2)KAMADA Masashi

(57) Abstract:

Provided is an air conditioning indoor unit that can generate a Coanda airflow proceeding in a direction avoiding a short circuit even in the absence of a conventional airflow guide plate. In the air conditioning indoor unit (10) a curved surface (320) that curves in a convex manner is formed at the outer surface (32a) of a Coanda vane (32). The posture of the Coanda vane (32) is a posture that becomes further from the front surface of the casing in accordance with separation from a discharge opening (15) and so the Coanda airflow along the curved surface (320) of the Coanda vane (32) can proceed upwards while separating away from the front surface of the casing. Compared to when the Coanda vane (32) has a flat plate shape the angle at the tip of the Coanda vane (32) becomes an upward facing angle and so it is possible to generate an upward airflow without causing the tilt angle of the Coanda vane (32) to be a sharp angle.

No. of Pages: 38 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FRICTION AND WEAR REDUCING AGENT FOR LUBRICATING OIL AND LUBRICATING OIL COMPOSITION CONTAINING SAME

(51) International classification :C10M145/14,C10M169/04,C10N20/04 (71)Name of Applicant:

(31) Priority Document No :2011272558 (32) Priority Date :13/12/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/082225 Filing Date :12/12/2012

(87) International Publication No :WO 2013/089143

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA 1)ADEKA CORPORATION
Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku Tokyo
1168554 Japan

(72)Name of Inventor: 1)TAKATA Masahiro 2)YAMAMOTO Kenji

(57) Abstract:

110 1822 4The purpose of the invention is to provide a very safe lubricating oil additive substantially free of metal elements or the like and possessing a friction and wear reducing effect as well as an extreme pressure performance equivalent to existing extreme pressure agents containing metal elements in lubrication uses. To achieve this purpose the invention provides a friction and wear reducing agent for lubricating oil the agent being characterized in comprising a copolymer (A) for which an alkyl acrylate (a) represented by general formula (1) and a hydroxyalkyl acrylate (b) represented by general formula (2) are essential constituent monomers the constituent ratio of (a) and (b) being (a)/(b)=50/50 to 90/10 (molar ratio) and the weight average molecular weight being 2 000 to less than 40 000. (1) (In the formula R represents a C alkyl group.) (2) (In the formula R represents a C alkylene group.)

No. of Pages: 30 No. of Claims: 5

(22) Date of filing of Application :23/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: NUTRIENT COMPOSITION FOR BIOLOGICAL SYSTEMS

(51) International classification :C01B25/37,A23L1/304,A23K1/175 (71)Name of Applicant : (31) Priority Document No. :10 2011 056 815.8 1) CHEMISCHE FABRIK BUDENHEIM KG (32) Priority Date :21/12/2011 Address of Applicant :Rheinstraße 27 55257 Budenheim Germany (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application No :PCT/EP2012/076734 1)WISSING Albertus Filing Date :21/12/2012 2)BÜHLER Gunnar (87) International Publication No :WO 2013/093042 3)GRAF Christian (61) Patent of Addition to 4)SCHWARZ Kilian :NA **Application Number** 5)RAPPHAHN Michael :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

34223422A nutrient composition for biological systems such as humans animals plants and microorganisms which comprises at least one monometallic or mixed metallic phosphate of the (M1 M2 M3...Mx)(PO) a HO type where 0 = a = 9 where (M1 M2 M3...Mx) represent the one metal of the monometallic phosphate or the two or more metals of the mixed metallic phosphate and are selected from Na K Mg Ca Cr Mo W Mn Fe Co Ni Cu Zn and B with the proviso that at least one of the metals in the phosphate is selected from Mn Fe Co and Ni the at lest one phosphate being preparable or having been prepared by a) preparing an aqueous solution (I) comprising at least one or more than one of the metals Mn Fe Co and/or Ni as divalent cations by introducing oxidic metal(II) metal(III) and/or metal(IV) compounds or mixtures or compounds thereof having mixed oxidation states selected from hydroxides oxide oxide hydroxides hydroxides oxide hydroxides o carbonates of at least one of the metals Mn Fe Co and/or Ni together with the elemental forms or alloys of at least one of the metals Mn Fe Co and/or Ni into an aqueous medium comprising phosphoric acid and reacting the oxidic metal compounds with the elemental forms or alloys of the metals (in a redox reaction) to give the divalent metal ions b) removing any solids present from the aqueous phosphoric acid solution (I) c) if the phosphate is a mixed metallic phosphate and in addition to the metals introduced into the solution in stage a) comprises further metals selected from (M1 M2 M3... Mx) at least one compound of at least one of the metals (M1 M2 M3... Mx) is additionally added to the aqueous solution (I) in the form of an aqueous solution or as a solid in the form of a salt the at least one compound preferably being selected from hydroxides oxide oxide hydroxides oxide hydrates carbonates hydroxide carbonates carboxylates sulfates chlorides or nitrates of the metals d) providing an initial charge solution (II) having a pH of 5 to 8 which has been prepared from an aqueous phosphoric acid solution by neutralization with an aqueous alkali metal hydroxide solution or has been prepared from an aqueous solution of one or more alkali metal phosphates metering the aqueous solution (I) into the initial charge solution (II) and simultaneously metering in a basic aqueous alkali metal hydroxide solution such that the pH of the resulting mixture is kept within the range from 5 to 8 preferably 6 to 7 the phosphate of the (M1 M2 M3...Mx)(PO) a HO type being precipitated and removing the precipitated phosphate from the reaction solution.

No. of Pages: 40 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2014

(21) Application No.1001/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ROTARY VACUUM PUMP

(51) International classification (31) Priority Document No	:F04C29/02,F04C15/00 :TO2011A000912	(71)Name of Applicant: 1)VHIT S.P.A.
(32) Priority Date	:13/10/2011	Address of Applicant :Strada Vicinale delle Sabbione No. 5 26010
(33) Name of priority country	:Italy	Offanengo (CR) Italy
(86) International Application No	:PCT/IB2012/055467	(72)Name of Inventor:
Filing Date	:10/10/2012	1)CROTTI Antonio
(87) International Publication No	:WO 2013/054263	2)MARCHETTI Luciano
(61) Patent of Addition to Application Number	:NA	3)MARTELLO Fabio
Filing Date	:NA	4)MUELLERS Johannes
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotary vacuum pump for instance a vane pump has at least one circumferential groove (6) between facing side surfaces of the rotor (2) and of the rotor guide (3) for receiving a lubricating and sealing fluid. The circumferential groove (6) is a partial annular groove which has an angular extension of less than 360° and has at least one interruption enabling creating a hydrodynamic fluid bearing in a region opposite a discharge region of the pump (1; 101; 121; 201) over the whole axial extension of the facing surfaces. A method of lubricating a rotary vacuum pump is also provided.

No. of Pages: 14 No. of Claims: 8

(22) Date of filing of Application :20/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR OPERATING A DOMESTIC APPLIANCE HAVING A STORAGE CONTAINER AND AN OXIDIZING AGENT GENERATOR AND DOMESTIC APPLIANCE SUITABLE FOR SAME

:D06F39/00,D06F35/00,A47L15/42 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2011 089 386.5 (32) Priority Date :21/12/2011 (33) Name of priority country :Germany :PCT/EP2012/075790 (86) International Application No :17/12/2012

:WO 2013/092488

:NA

:NA

:NA

:NA

Filing Date (87) International Publication No (61) Patent of Addition to

Application Number Filing Date

(62) Divisional to Application Number

Filing Date

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany

(72)Name of Inventor:

1)BARRADO FRANCO Antonio

2)BISCHOF Andreas 3)HANAU Andreas 4)SCHAUB Hartmut

(57) Abstract:

The invention relates to a method for operating a domestic appliance (1) having a treatment container (2 4) for receiving objects (7) to be treated a storage container (16) for an aqueous liquid (6) at least one pump (22 35) for conveying the aqueous liquid (6) between the storage container (16) and the treatment container (2 4) and an oxidizing agent generator (20) which is connected to a container (38) for storing an aqueous solution of an oxidizing agent that has been generated in the oxidizing agent generator (20). The method according to the invention comprises a temporally overlapping performance of the following steps: (a) carrying out a treatment program with the objects (7) in the treatment container (2 4); (b) generating an oxidizing agent in the oxidizing agent generator (20); and (c) transferring the oxidizing agent into the container (38) and keeping same therein for use. The invention further relates to a domestic appliance (1) suitable for carrying out said method.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :16/11/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: EFFICIENT APPLICATION OF TIME DIVISION MULTIPLE ACCESS (TDMA) ON RF MODULE USING HT12E ADDRESS LINES

	:H04B	(71)Name of Applicant :
(51) International classification	7/00,	1)JCB INDIA LTD.
(31) International classification	E02F	Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
	3/00	RAWDON STREET, KOLKATA 7001 017, WEST BENGAL, INDIA
(31) Priority Document No	:NA	AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
(32) Priority Date	:NA	FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHRUV SAKSENA
(87) International Publication No	: NA	2)SOURAB DALELA
(61) Patent of Addition to Application Number	:NA	3)SANJEEV ARORA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Efficient Application of Time Division Multiple Access (TDMA) on RF Module using HT12E address lines of address lines efficient application of Time Division Multiple Access (TDMA) on RF Module using HT12E address lines comprises of address lines of HT12E encoder connected to an RF transmitter, TDMA to the RF module and controlling the encoder address bits allowing to address the respective receiver unit one at a time and allows to connect to 256 receivers in this manner and baling to send 256 X 4(bits) = 4096 instructions instead of just 4 (an exponential increase), using 2 receivers in 6ne machine implementing the procedure and using 8 bits (thus 256 instructions) characterizing that the microcontroller gives 4 bits of parallel form of data and 8 bits of address line data to the encoder (HT12E), encoding them by turning this parallel data into serial form and this serial data is given to RF Module transmitter, this radio frequency (RF) transmission system employing Amplitude Shift Keying (ASK) with transmitter/receiver (TXIRX) pair operating at 434 MHz, the transmitter module taking serial input and transmitting these signals through R, the transmitted signals receiving several receiver modules placed away from the source of transmission, and the receivers passing on the serial data to the HT12D decoders using this serial data converting it to parallel form and comparing it to the particular address they are given, and this address is used to determine the sent data is meant for this particular receive, and if it is then the new data bits given out by decoder else they are ignored and old values are retained.

No. of Pages: 7 No. of Claims: 03

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMMUNICATION BETWEEN MME/S4 SGSN AND PCRF

:H04W28/24,H04W92/24 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/547083 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date :14/10/2011 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/EP2012/070270 1)STENFELT John Filing Date :12/10/2012 2)OLSSON Lasse (87) International Publication No :WO 2013/053896 3)LUNDSTROM Anders (61) Patent of Addition to Application Number: NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

This disclosure is directed to a method in a MME node (120) or a S4 SGSN node (125) for dynamic Policy and Charging Rules Function PCRF assisted management of network parameters where the method comprises sending or receiving network related parameters to or from respectively a PCRF node (105) through a direct MME/S4 SGSN PCRF interface (610). This disclosure is also directed to a MME node (120) and a S4 SGSN node (125) and a PCRF node (105) configured to operatively perform the method.

No. of Pages: 52 No. of Claims: 28

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : DEVICE FOR SELECTIVELY MONITORING AND REDUCING THE BACKWARD DISPLACEMENT OF A VEHICLE SEAT IN THE EVENT OF AN ACCIDENT

(51) International classification	:B60N2/42	(71)Name of Applicant:
(31) Priority Document No	:10 2011 056 572.8	1)C. ROB. HAMMERSTEIN GMBH & CO. KG
(32) Priority Date	:16/12/2011	Address of Applicant :Merscheider Straße 167 42699 Solingen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/073934	(72)Name of Inventor:
Filing Date	:29/11/2012	1)ECKHOFF Sascha
(87) International Publication No	:WO 2013/087415	2)KAESTNER Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

The invention relates to a device for selectively monitoring and reducing a backward displacement of a vehicle seat in the event of an accident having at least one stop element (4) which arranged on a pair (1) of seat rails and has a stop face (5) which is inclined with respect to a longitudinal axis of the pair (1) of seat rails and having at least one stop body (6) which is arranged on the vehicle seat having a contact face (8) which is arranged in a normal position at a distance from the stop face. In order to make available a device which efficiently reduces a backward displacement movement of a motor vehicle seat in a simple way in the event of an accident of the motor vehicle there is provision that the stop element (4) and the stop body (6) are embodied and arranged with respect to one another in the mounted state in such a way that in a crash position which occurs in a tail end impact with a motor vehicle having the vehicle seat the stop face (5) of the stop element (4) and the contact face (8) of the stop body (6) enter into contact and as a result the backward displacement of the vehicle seat which is caused by the accident is reduced.

No. of Pages: 19 No. of Claims: 10

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: LIQUID TRAP WITH INTEGRAL JET PUMP

(71)Name of Applicant: :B60K15/035,F02M37/02 (51) International classification 1)EATON CORPORATION (31) Priority Document No :13/334529 Address of Applicant: 1111 Superior Avenue Cleveland OH 44114 (32) Priority Date :22/12/2011 2584 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/070081 1)WALTER Stefan Filing Date :17/12/2012 2)SARKAR Subrata (87) International Publication No :WO 2013/096191 3)KUSA Swethaghnya (61) Patent of Addition to Application Number: NA 4)KOTAGOND Prakash Filing Date :NA 5)JOSHI Himanshu (62) Divisional to Application Number :NA 6)BHURKE Pritam Filing Date :NA 7)MILLS Vaughn

(57) Abstract:

An assembly (10) is provided that integrates a jet pump (44 144) with a liquid trap to drain liquid fuel from vapor flow such as vapor vented from a fuel tank (22). The assembly includes a housing (12) that has a liquid trap (20) configured to trap liquid carried in vapor flowing through the housing. A jet pump (44 144) has a venturi nozzle (48 148) and is in selective fluid communication with the liquid trap so that liquid flow through the venturi nozzle induces draining of the liquid trap.

No. of Pages: 17 No. of Claims: 15

(21) Application No.1079/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING VINYL ESTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C07C67/10,C07C69/01,C07C69/24 :102012002282.4 :06/02/2012 :Germany :PCT/EP2013/000141 :18/01/2013 :WO 2013/117294 :NA :NA	(71)Name of Applicant: 1)OXEA GMBH Address of Applicant: Otto Roelen Strasse 3 46147 Oberhausen Germany (72)Name of Inventor: 1)JOHNEN Leif 2)STRUTZ Heinz 3)SCHALAPSKI Kurt 4)NOWOTNY Norman 5)H-FS Wolfgang 6)GEISEL Sebastian
Number Filing Date	:NA :NA	6)GEISEL Sebasuan

(57) Abstract:

No. of Pages: 35 No. of Claims: 17

²¹²The invention relates to a continuous catalytic method for producing a vinyl ester of formula R C(O)O CH = CH by reacting a carboxylic acid of formula R C(O)O with a transvinylation reagent of the formula R C(O)O CH = CH wherein the reaction occurs without removing a reaction partner in the presence of a transition metal catalyst containing at least one transition metal from the group of ruthenium osmium rhodium iridium palladium and platinum and subsequently the obtained reaction mixture is separated from its components.

(22) Date of filing of Application :30/08/2010

(43) Publication Date: 09/10/2015

(54) Title of the invention : RADIO COMMUNICATION SYSTEM, AIR INTERFACE SYNCHRONIZATION METHOD, BASE STATION AND BASE STATION CONTROLLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/01/2009 :WO 2009/097812 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P.R. China (72)Name of Inventor: 1)REN Yongzheng 2)PENG Xiang
Filing Date	:NA :NA	

(57) Abstract:

A wireless communication system, a method for adjusting air-interfaces synchronously, a base station and a control device thereof are disclosed in the embodiments of the present invention. The method for adjusting air-interfaces synchronously comprises the following steps of: obtaining the air-interface offset value between the first base station and the second base station; performing synchronous adjustment on the air-interfaces of the first base station and the second base station by utilizing the offset value. According to the present invention, it is possible to realize simply and effectively the synchronous adjustment of the air-interfaces of base stations by using the existing resources of wireless network, so as to make the cost much lower.

No. of Pages: 28 No. of Claims: 15

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR THE TREATMENT OF DIABETES AND RELATED SYMPTOMS

(51) International classification	:A61K38/00	(71)Name of Applicant:
(31) Priority Document No	:61/629633	1)EMMAUS MEDICAL INC.
(32) Priority Date	:21/11/2011	Address of Applicant :20725 South Western Avenue #136 Torrance
(33) Name of priority country	:U.S.A.	CA 90501 U.S.A.
(86) International Application No	:PCT/US2012/000557	(72)Name of Inventor:
Filing Date	:17/11/2012	1)NIIHARA Yutaka
(87) International Publication No	:WO 2013/077893	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to methods and compositions for the treatment of diabetes and related symptoms. It is more specifically directed to compositions including L glutamine its salts or its derivatives and uses of such compositions in the treatment of diabetes and related symptoms. In a method aspect the present invention provides a method of treating diabetes. The method involves ingesting 0.05 g/kg body weight to 10.0 g/kg body weight of L glutamine an L glutamine salt or an L glutamine derivative per day by a person who has diabetes.

No. of Pages: 12 No. of Claims: 12

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR DATA STREAM TRANSMISSION IN A MIMO SYSTEM

(71)Name of Applicant: (51) International classification :H04L1/06 1)HUAWEI TECHNOLOGIES CO. LTD. (31) Priority Document No :201110355186.9 Address of Applicant : Huawei Administration Building Bantian (32) Priority Date :08/11/2011 Longgang Shenzhen Guangdong 518129 China (33) Name of priority country :China (72)Name of Inventor: (86) International Application No :PCT/CN2012/074497 1)HUA Meng Filing Date :23/04/2012 2)WANG Zongjie (87) International Publication No :WO 2012/163198 3)COZZO Carmela (61) Patent of Addition to Application Number :NA 4)TIE Xiaolei Filing Date :NA 5)JIAO Shurong (62) Divisional to Application Number :NA 6)FAN Shuju Filing Date :NA 7)WU Gengshi

(57) Abstract:

Provided is a method for data stream transmission in a multiple input multiple output (MIMO) system wherein each data stream maps to a plurality of layers in a MIMO channel space for transmission. The method comprises: interlayer interleaving N data streams obtaining N post interleaved data streams; mapping said N post interleaved data streams onto N layers respectively in the MIMO channel space and sending said data streams. Use of the method of the present invention enables better use of joint CQI to improve MIMO transmission performance while interference cancellation technologies (such as SIC techniques) are used on the basis of interlayer interleaving to eliminate the impact of interlayer interference.

No. of Pages: 109 No. of Claims: 47

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SWITCHING DEVICE FOR AN ELECTRICALLY DRIVEN VEHICLE AND ELECTRIC VEHICLE

(57) Abstract:

The invention relates to a switching device for an electrically driven vehicle (10) in particular a track vehicle having a switch unit (28) that is provided for respectively connecting and disconnecting a vehicle drive unit (14) to and from an electrical supply line (20) carrying high voltage and has at least two switch contacts (30 32) a drive unit (36) that is provided for driving a relative movement of the switch contacts (30 32) with respect to one another and a housing unit (62) at least for receiving the switch unit (28) and the drive unit (36) wherein the housing unit (62) comprises a support (48) for supporting at least the switch unit (28). According to the invention in order to provide a generic switch device for which a compact construction can be achieved the switch unit (28) is arranged in a lying position relative to the support (48).

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: DISC \ MICROTOOL \ FABRICATION \ BY \ ELECTROCHEMICAL \ MICROMACHINING \ FOR \ GENERATION \ OF \ MICROFEATURES$

(51) International classification	:G11B5/48	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHATTACHARYYA, DR. BIJOY
(32) Priority Date	:NA	Address of Applicant :PROFESSOR,PRODUCTION
(33) Name of priority country	:NA	ENGINEERING DEPARTMENT, JADAVUR UNIVERSITY,
(86) International Application No	:NA	KOLKATA, PIN-700 032, INDIA. West Bengal
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHATTACHARYYA, DR. BIJOY
(61) Patent of Addition to Application Number	:NA	2)DR. DOLOI, BISWANATH
Filing Date	:NA	3)RATHOD, VIJAYSING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the fabrication of disc micro tools by electrochemical micromachining (EMM). More particularly, the present invention is directed to system and method of disc microtool fabrication by electrochemical micromachining with novel approach of front end insulation of straight cylindrical tungsten rod during machining, to achieve the disc micro tools of desired dimension i.e. disc diameter, disc height, shank diameter, and shank height, suitable for micro manufacturing applications. Disc microtools have been fabricated at different machining conditions to investigate the influence of applied voltage, pulse frequency, duty ratio, electrolyte concentration and machining time on shank diameter, material removal rate and surface quality at shank surface. Optimum machining parameters have been obtained and disc micro tools of varied sizes having different disc diameters, disc heights, shank diameters and shank heights has been fabricated from supplied tungsten rods of varying diameters by the proposed technique. Disc microtools of different disc heights have been fabricated by regulating the front end insulation height of tool specimen and effects of disc height on machining accuracy are also reported. Disc micro tools with improved surface quality have been fabricated by electrochemical micromachining utilizing the developed EMM setup. The fabricated disc micro tools has been applied for machining of microfeatures like cylindrical hole with reduced taper angle, reverse tapered microhole, taper free microgroove and 3D microstructure with plane surfaces. Also complex microgrooves with different internal features, such as spherical microgroove and stepped microgroove have been machined on SS304 sheet by EMM, utilizing fabricated disc shaped microtool with sidewall insulation. Complex microgrooves with internal features are more suitable in applications like micro thermal devices such as micro coolers, micro heat exchangers in micro reactors and also in micro fluidics because of the increased inner surface area of the microgrooves, thus favoring prospects for wide industrial applications of fabricated disc microtool for micro manufacturing applications.

No. of Pages: 42 No. of Claims: 22

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DETERMINING FRICTION COMPONENTS OF A DRIVE SYSTEM

(86) International Application No :PCT/EP2012/071988 Filing Date :07/11/2012 (87) International Publication No :WO 2013/083344 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:11192506.1 :08/12/2011 :EPO :PCT/EP2012/071988 :07/11/2012 :WO 2013/083344 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)KOTZIAN Daniel
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(57) Abstract:

The invention relates to a method for determining friction components of a total frictional force of a drive system. The invention further relates to a controller and a machine comprising at least one drive system. Finally the invention relates to a computer program and a computer program product. The aim of the invention is to improve the method known from the prior art for determining friction components of a drive system. This is achieved by carrying out the following method steps: generating a periodic movement of a total mass with a frequency by means of the drive system detecting a drive force applied by the drive system in order to achieve the periodic movement of the total mass detecting current position values of the moved total mass ascertaining the total frictional force and a speed of the moved total mass in order to ascertain a friction/speed function by means of a friction/speed observer such that the friction/speed observer comprises at least one path model and oscillators at least the frequency is fed to each oscillator as an input value output values are output by the oscillators wherein the output values are a time curve of an acceleration of the moved total mass and the total frictional force is calculated by means of a conversion process using the total mass a total mass force that is dependent on the total mass and the drive force or the output values are a time curve of the total frictional force and the speed is ascertained using the path model and ascertaining the friction components using the ascertained friction/speed function.

No. of Pages: 26 No. of Claims: 9

(21) Application No.139/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: STEERING WHEEL ASSEMBLY IN A VIBRATORY TANDEM COMPACTOR AND METHOD THEREOF

	(71)Name of Applicant:
25/00	1)JCB INDIA LIMITED
:NA	Address of Applicant :6,UDAYACHAL,2ND FLOOR, 9,RAWDON
:NA	STREET, KOLKATA-700017 WEST BENGAL, INDIA AND ALSO
:NA	HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
:NA	DELHI-110044 INDIA West Bengal India
: NA	(72)Name of Inventor:
:NA	1)MAHADEO P.GOPALE
:NA	
:NA	
:NA	
	25/00 :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Steering wheel assembly in a vibratory tandem compactor providing electronic circuit and computer code for controlling the steering wheel assembly, implementing the steering wheel assembly in a device, and operating the steering wheel assembly, the electronic circuit and the computer code, both stand alone and in conjunction with one another is part of this subject matter.

No. of Pages: 9 No. of Claims: 05

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN IMPROVED COMBINED CHARGE PUMP

	:H02M3/07, H01L27/02.	(71)Name of Applicant : 1)JCB INDIA LIMITED
(51) International classification	H01L29/02,	1 '
	H02M3/0	STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO
(31) Priority Document No	:NA	HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
(32) Priority Date	:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(33) Name of priority country	:NA	DELHI-110044, INDIA AND WORKS AT 23/7, MATHURA ROAD,
(86) International Application No	:NA	BALLABGARH 121 004, HARYANA, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GAURAV SHARMA
(61) Patent of Addition to Application Number	:NA	2)ROOPAK SHARMA
Filing Date	:NA	3)SANJEEV ARORA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improved combined charge pump comprises of (1) is Pump (2) is Steering Valve without Priority, (3) is Transmission Filter (4) is Main Shaft Lubrication orifice (5) is Main Line pressure maintenance valve (6) is Converter relief Valve (7) is Converter pressure maintenance valve, (8) is Torque Converter (9) is cooler (10) is Direction control valve (11) is Main shaft.

No. of Pages: 4 No. of Claims: 03

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN IMPROVED DRIVE LINE FOR PICK AND CARRY TYPE CRANES

3/00 F21	/ ·
(51) International classification), STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO
	HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
27/0	, , , , , , , , , , , , , , , , , , , ,
(31) Priority Document No :NA	DELHI-110044, INDIA AND WORKS AT 23/7, MATHURA ROAD,
(32) Priority Date :NA	BALLABGARH 121 004, HARYANA, INDIA West Bengal India
(33) Name of priority country :NA	(72)Name of Inventor:
(86) International Application No :NA	1)JAGJEET BAJWA
Filing Date :NA	2)SANJEEV ARORA
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

An improved drive line for pick and carry type cranes comprising the reduction gear box mounted in front of the rear axle and shaft 2 is completely eliminated and the input from the reduction gear box is put directly into the rear axle.

No. of Pages: 5 No. of Claims: 04

(22) Date of filing of Application :28/05/2010

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN IMPROVED ROPE ATTACHMENT ON EXTENSION BOOM FOR PICK AND CARRY TYPE CRANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B66C17/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JCB INDIA LIMITED Address of Applicant: 6 UDAYACHAL, 2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST BENGL, INDIA AND ALSO HAVING REGISTERED OFFICE AT B-1 / I-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	DELHI - 110044, INDIA Delhi India (72)Name of Inventor: 1)SANJEEV ARORA
(62) Divisional to Application Number Filing Date	:NA :NA	2)JAGJEET SINGH BAJWA

(57) Abstract:

An improved rope attachment on extension boom for pick and carry type crane attachment and routing arrangement related to a crane boom assembly comprising of a fixed outer boom with at least two or more extension booms, (a) the first extension telescopically with a hydraulic cylinder and (b) a second extension boom provided with a pair of extension and retraction ropes, the extension rope being attached to one side of the fixed outer boom at its one end and is routed over a pulley fixed on the same side of the front side of the first extension boom, the said extension rope from the other side of the second extension boom being routed back to the fixed outer boom through another pulley on the first extension boom, and the said retraction rope being routed similarly from the fixed outer boom to the second extension boom through the said first extension boom and back to the fixed outer boom.

No. of Pages: 9 No. of Claims: 05

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1104/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: SWITCHING DEVICE

(51) International classification	:H01H31/00,H01H33/666,H01H33/12	(71)Name of Applicant:
(31) Priority Document No	:10 2011 087 630.8	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:02/12/2011	Address of Applicant: Wittelsbacherplatz 2 80333 München Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/073260	1)WOLF Stefan
Filing Date	:21/11/2012	2)ZLYDNIK Rene
(87) International Publication No	:WO 2013/079381	3)HOHMANN Stefan
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

In order to form a three position load isolating switch (1) for medium voltage switchgear assemblies with an extinguishing contact system for extinguishing an arc during a switch off process of the switching device (1) and having a main contact system which is connected in series with the extinguishing contact system for forming a dielectric isolating gap in an open state of the main contact system and an extinguished arc and having an earthing contact system which three position load isolating switch has a compact structure the invention proposes that the main contact system has a first fixed contact (2) and a second fixed contact (3) which fixed contacts are situated diametrically opposite one another and has a moving contact (4) which can be rotated by means of a rotary support (5) which is arranged centrally between the first fixed contact (2) and the second fixed contact (3) and which has the extinguishing contact system integrated in it.

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :23/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TOOL HOLDER AND METHOD FOR CLAMPING A CUTTING INSERT THEREIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/568532 :08/12/2011 :U.S.A. :PCT/IL2012/050455 :12/11/2012 :WO 2013/084222 :NA :NA	(71)Name of Applicant: 1)ISCAR LTD. Address of Applicant: P.O. Box 11 24959 Tefen Israel (72)Name of Inventor: 1)HECHT Gil
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tool holder has a main body having a holder head extending away from a holder shank in a forward direction a clamping member non threadingly retained in the holder head and a locking member operatively engaging a single abutment surface of the clamping member. The holder head has an insert receiving pocket at a forward end thereof with a pocket support surface substantially facing in an upward direction and the clamping member is located entirely rearward of the pocket support surface with the abutment surface facing generally upwardly. The tool holder is configured to direct a clamping force towards and clamp a cutting insert against the pocket support surface.

No. of Pages: 21 No. of Claims: 27

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: A \ NOVEL \ PROCESS-DEVELOPMENT FOR \ BIOREMEDIATION \ OF \ CADMIUM \ AND \ LEAD \ USING \ HOTSPRING \ BACTERIAL \ CONSORTIUM$

(51) International classification	:B09C1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GANDHI INSTITUTE OF ENGINEERING AND
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :VIDYA VIHAR, STATE BANK ROAD,
(86) International Application No	:NA	GUNUPUR, DIST: RAYAGADA, 765022, ODISHA, Orissa India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUDIP KUMAR SEN
(61) Patent of Addition to Application Number	:NA	2)DR. SANGEETA RAUT
Filing Date	:NA	3)DR. RADHA RAMAN DASH
(62) Divisional to Application Number	:NA	4)DR. PRADEEP KUMAR DAS MOHAPATRA
Filing Date	:NA	

(57) Abstract:

This invention relates to a process for the bioremediation of wastewater, to remove heavy metals therefrom comprising adding a microbial consortium containing the microbes Stenotrophomonas maltophilia (SS1), Aeromonas veronii (SS2) and Bacillus barbaricus (SS3) to the waste water at a pH in the range of from 4 to 7.

No. of Pages: 35 No. of Claims: 8

(21) Application No.893/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: LOW IMPURITY CONTENT CASPOFUNGIN PREPARATION METHOD FOR PREPARING SAME AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K38/12,A61K47/18,A61K47/26 :201110288782.X :26/09/2011 :China :PCT/CN2012/081951 :25/09/2012 :WO 2013/044788 :NA :NA	(71)Name of Applicant: 1)SHANGHAI TECHWELL BIOPHARMACEUTICAL CO. LTD Address of Applicant: No.4258 Jindu Road Minhang District Shanghai 201108 China (72)Name of Inventor: 1)HONG Yunhai 2)XUE Ying 3)SHA Lixin 4)JI Xiaoming
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(57) Abstract:

Disclosed is a low impurity content caspofungin pharmaceutical composition also disclosed is a method for preparing the low impurity content caspofungin pharmaceutical composition. The caspofungin pharmaceutical composition provided in the present invention is provided with great stability.

No. of Pages: 45 No. of Claims: 29

(21) Application No.894/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR SEPARATING SLAB SHAPED ARTICLES INTO SUB UNITS OF ARTICLES IN STRIP OR SLAB FORM

(51) International classification	:B26D7/32,B65G47/53,A23G4/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LOESCH VERPACKUNGSTECHNIK GMBH
(32) Priority Date	:NA	Address of Applicant :Industriestr. 1 96146 Altendorf Germany
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/069971	1)HAMMACHER Heinz Peter
Filing Date	:11/11/2011	
(87) International Publication No	:WO 2013/068050	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and device for separating slab shaped articles (P) e.g. chewing gum primary or intermediate products into sub units (S) of articles in strip or slab form wherein the following method steps and device features are provided: supplying the slab shaped articles (P) wherein each slab shaped article (P) has at least one weakened area (R); separating individual strip shaped or slab shaped sub units (S) of articles successively one after the other from the supplied slab shaped articles (P) wherein the separation takes place by means of a conveying and separating device (10) at the weakened areas (R) of the slab shaped articles (P); and further conveying the individual formed strip shaped or slab shaped sub units (S) of articles.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING TRANSMISSION AND RECEPTION OPERATIONS IN WIRELESS COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W52/02 :1020110105564 :14/10/2011 :Republic of Korea :PCT/KR2012/005700 :17/07/2012 :WO 2013/055017 :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)PARK Bok Ju 2)KIM Young Eil 3)YANG Jun Seok
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(57) Abstract:

An apparatus and a method for controlling transmission and reception control in a wireless communication system are provided. The apparatus includes at least one voltage regulator a power source consumer at least one capacitor and a controller. The at least one voltage regulator provides a power source that is a regulated voltage. The power source consumer processes a Radio Frequency (RF) signal using the power source that is the regulated voltage. The at least one capacitor is connected to an output port of the at least one voltage regulator and a power source input port of the power source consumer. The controller turns off the at least one voltage regulator during a deactivation period of the communication apparatus and turns on the at least one voltage regulator during an activation period of the communication apparatus.

No. of Pages: 33 No. of Claims: 15

(43) Publication Date: 09/10/2015

(19) INDIA

(22) Date of filing of Application :21/05/2014

(54) Title of the invention: A METHOD OF CONTROLLING THE OPERATION OF A CONE CRUSHER

(31) Priority Document No :111 (32) Priority Date :28/1 (33) Name of priority country :EPC (86) International Application No :PCC Filing Date :13/1	1)BELOTSERKOVSKIY Konstantin 11/2012 0 2013/079318
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(57) Abstract:

A cone crusher (1) comprises a crushing chamber (50) formed between inner and outer crushing shells (18 12) a drive shaft (38) adapted to make the crushing head (16) gyrate to crush material (52) in the crushing chamber (50) and a feeding hopper (54) arranged for feeding material to the crushing chamber (50). The cone crusher (1) further comprises: a measurement device (72) for measuring the amount of material (52) that is present in the feeding hopper (54) and a control system (60) which is configured for controlling based on a measured amount of material (52) present in the feeding hopper (54) at least one crusher operating parameter which is chosen among: i) an rpm of the drive shaft (38) and ii) a width of a discharge opening (56) formed between the inner crushing shell (18) and the outer crushing shell (12).

No. of Pages: 28 No. of Claims: 16

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD OF CONTROLLING AN INERTIA CONE CRUSHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C2/04,B02C25/00 :11190859.6 :28/11/2011 :EPO :PCT/EP2012/072508 :13/11/2012 :WO 2013/079317 :NA :NA :NA	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden (72)Name of Inventor: 1)BELOTSERKOVSKIY Konstantin 2)SVENSSON Rickard
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(57) Abstract:

A method of controlling the crushing of material (49) in an inertia cone crusher (1) comprising charging (100) material (49) to be crushed from a feeding hopper (50) to a crushing chamber (48) formed between an inner crushing shell (18) being supported on a crushing head (16) and an outer crushing shell (12) of the inertia cone crusher (1); rotating (112) an unbalance bushing (26) which is provided with an unbalance weight (30) and rotatably connected to the crushing head (16) by a drive shaft (38) such that a central axis (S) of the crushing head (16) gyrates about a gyration axis (C); sensing (114) the number of revolutions of the unbalance bushing (26) using an rpm sensor (47); controlling (1 16) the number of revolutions of the unbalance bushing (26) using a control system (46); and crushing (118) material in the crushing chamber (48).

No. of Pages: 20 No. of Claims: 10

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CHEMICAL LOOPING REMOVAL OF VENTILATION AIR METHANE

(51) International classification	:C01B31/20	(71)Name of Applicant:
(31) Priority Document No	:2011904045	1)NEWCASTLE INNOVATION LIMITED
(32) Priority Date	:30/09/2011	Address of Applicant :Industry Development Centre University Drive
(33) Name of priority country	:Australia	Callaghan New South Wales 2308 Australia
(86) International Application No	:PCT/AU2012/001173	(72)Name of Inventor:
Filing Date	:28/09/2012	1)MOGHTADERI Behdad
(87) International Publication No	:WO 2013/044308	2)DOROODCHI Elham
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methane is removed from ventilation air by cycling metal or metal oxide particles in a chemical looping process in one or more reactors where the metal particles are alternately reduced and oxidised and passing ventilation air through one or more of said reactors to convert the air plus methane into reduced air plus water plus carbon dioxide. In one variation ventilation air methane (VAM) is removed from ventilation air in coal mines using a chemical looping process to move metal or metal oxide particles between reactors such as a hydrogen generator (5) and a regenerator (7) to alternatively reduce and oxidise the particles such that VAM introduced into a combustor (6) provided with hydrogen from the hydrogen generator (5) can be processed in the regenerator (7) to produce air plus water plus carbon dioxide. Other variations involve the use of three reactors in the chemical looping process or the use of an array of parallel inclined plates forming lamellas between upper and lower reactors to keep lighter particles in the upper oxidiser reactor and heavier particles in the lower reducer reactor.

No. of Pages: 25 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: IMPROVED BLISTER MAKING MACHINE CONNECTED METHOD FOR PACKING IN BLISTERS AND BLISTER PACK THUS OBTAINED

(51) International classification :B65B9/04,B65B31/02,B65B55/24 (71)Name of Applicant :

(31) Priority Document No :MI2011A001944 (32) Priority Date :26/10/2011 (33) Name of priority country :Italy

(86) International Application No

:PCT/IB2012/002142 Filing Date :24/10/2012 (87) International Publication No :WO 2013/061137

(61) Patent of Addition to Application :NA

Number :NA Filing Date (62) Divisional to Application Number:NA Filing Date :NA

1)I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.

Address of Applicant: Via Emilia 428/442 I 40064 Ozzano Dell'Emilia

(72)Name of Inventor:

1)AMARANTI Alessandro 2)FONTANA Alessio

(57) Abstract:

Improved blister making machine which starting from a moldable strip (11) from a covering strip (14) and from noxious material (33) delivered and positioned by a distributor device (16) inside the blisters (30) made in the moldable strip (11) all being subsequently sealed by a sealing device (18) produces blister packs of the desired shape and sizes wherein upstream of the sealing device (18) there is an insulated chamber (15) containing a pre sealing device (17) continuously achieving continuous sealed bands (19) in proximity with at least two lateral edges (119) of the blister strip (13).

No. of Pages: 12 No. of Claims: 14

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ADAPTIVE PARTITION CODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/34,H04N7/26 :61/558631 :11/11/2011 :U.S.A. :PCT/EP2012/072328 :09/11/2012 :WO 2013/068566 :NA :NA :NA	(71)Name of Applicant: 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant: Hansastraße 27c 80686 München Germany (72)Name of Inventor: 1)MERKLE Philipp 2)BARTNIK Christian 3)LAKSHMAN Haricharan 4)MARPE Detlev 5)MLLER Karsten 6)WIEGAND Thomas 7)TECH Gerhard
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(57) Abstract:

Although wedgelet based partitioning seems to represent a better tradeoff between side information rate on the one hand and achievable variety in partitioning possibilities on the other hand compared to contour partitioning the ability to alleviate the constraints of the partitioning to the extent that the partitions have to be wedgelet partitions enables applying relatively uncomplex statistical analysis onto overlaid spatially sampled texture information in order to derive a good predictor for the bi segmentation in a depth/disparity map. Thus in accordance with a first aspect it is exactly the increase of the freedom which alleviates the signaling overhead provided that co located texture information in form of a picture is present. Another aspect pertains the possibility to save side information rate involved with signaling a respective coding mode supporting irregular partitioning.

No. of Pages: 93 No. of Claims: 22

(22) Date of filing of Application :17/11/2011 (43) Publication Date : 09/10/2015

(54) Title of the invention : 4 STAGE TELESCOPIC BOOM CRANE ASSEMBLY WITH SEMI AUTOMATIC QUICK OPEN EXTENSION AND MODULAR ASSEMBLY OF 3 & 4 STAGE VARIANT OF CRANE BOOM

(51) International classification	:B66C13/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
(33) Name of priority country	:NA	RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA
(86) International Application No	:NA	AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
Filing Date	:NA	FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
(87) International Publication No	: NA	MATHURA ROAD, NEW DELHI-110044 INDIA West Bengal
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAJEEV ARORA
(62) Divisional to Application Number	:NA	2)JAGEET SINGH BAJWA
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to 4 stage telescopic boom crane assembly with semi automatic quick open extension and modular assembly of 3 & 4 stage variant of crane boom.

No. of Pages: 18 No. of Claims: 08

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : ALKALI ACTIVATED AOD SLAG-REDMUD BASED GEOPOLYMER FOR HEAVY CONSTRUCTION APPLICATIONS

		(71)Name of Applicant :
(51) International classification	:C04B18/04	1)DR. SATYA PRAKASH PANDA
(31) Priority Document No	:NA	Address of Applicant :VIDYA VIHAR, GUNUPUR, DIST:
(32) Priority Date	:NA	RAYAGADA, 765022, ODISHA, INDIA Orissa India
(33) Name of priority country	:NA	2)DR. CHANDRA DHWAJA PANDA
(86) International Application No	:NA	3)GANDHI INSTITUTE OF ENGINEERING AND
Filing Date	:NA	TECHNOLOGY
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. PRADEEP KUMAR RANA
Filing Date	:NA	2)DR. RADHA RAMAN DASH
(62) Divisional to Application Number	:NA	3)SANJEEB KUMAR GUPTA
Filing Date	:NA	4)SIDDHARTH SAMASI
- -		5)MV BASANTI KUMAR

(57) Abstract:

The attempt was taken to develop the heavy construction application GP from the Industrial waste to utilize as the construction material. The alkali treatment was done at its appropriate ratio for the formation of GP. Though the mechanism of the GP formation is complex, but it is basically due to the formation of Silico- aluminate compound after within 24hrs of curing. The characterization of the GP revels the property like compressive strength which is the main objective and as well as to replace the Portland cement (PC).

No. of Pages: 47 No. of Claims: 1

(22) Date of filing of Application :24/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR FIXING ARTIFICIAL BIOPROSTHETIC VALVE BY MEMBRANE PERVAPORATION

 (51) International classification
 :A61F2/24,C08J3/24,A61L27/00

 (31) Priority Document No
 :201110332309.7

 (32) Priority Date
 :27/10/2011

(33) Name of priority country :China :(86) International Application No Filing Date :15/12/2011

(87) International Publication No :WO 2013/060067
(61) Patent of Addition to Application

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

(71)Name of Applicant : 1)SHANGHAI MICROPORT MEDICAL (GROUP) CO. LTD.

Address of Applicant :501 Newton Rd. ZJ Hi Tech Park Pudong New

Area Shanghai 201203 China (72)**Name of Inventor:**

1)CHEN Dakai 2)LI Yu 3)DONG Jiaoming 4)FANG Yuan 5)TIAN Cong 6)HUANG Feng 7)CHEN Guoming 8)ZHANG Xiaoyi 9)LE Chengjun

10)LUO Qiyi

(57) Abstract:

Disclosed are a device and a method for fixing an artificial bioprosthetic valve by membrane pervaporation. The device comprises a storage tank (15) for storing a reactant liquid a fixation clamp (9) for fixing the artificial bioprosthetic valve a pervaporation membrane assembly (14) a reaction chamber (13) and a vacuum pump (12) the fixation clamp (9) being located inside the reaction chamber (13) the pervaporation membrane assembly (14) being located inside the reaction chamber (13) upstream of the fixation clamp (9) the storage tank (15) being connected to the reaction chamber (13) upstream of the reaction chamber (13) and the vacuum pump (12) being connected to the reaction chamber (13) downstream of the reaction chamber (13). The method comprises the following steps: fixing one end of the artificial bioprosthetic valve to the fixation clamp (9) of the device and leaving the other end freely suspended; activating the vacuum pump (12); activating the pervaporation membrane assembly (14) to allow the vaporised reactant liquid to enter the reaction chamber (13) and permeate through the pervaporation membrane assembly (14) to the artificial bioprosthetic valve; and reacting the artificial bioprosthetic valve in the reaction chamber (13) for a period of time.

No. of Pages: 16 No. of Claims: 10

(21) Application No.1042/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04J11/00,H04B7/04	(71)Name of Applicant:
(31) Priority Document No	:61/549474	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:20/10/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si
(33) Name of priority country	:U.S.A.	Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/008657	(72)Name of Inventor:
Filing Date	:22/10/2012	1)SHAN Cheng
(87) International Publication No	:WO 2013/058624	2)KIM Youn Sun
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and an apparatus are provided for transmitting and receiving control information in wireless communication system. An eNB generates control information and transmits the control information using at least one enhanced Control Channel Element (eCCE) and at least one antenna port. The at least one antenna port is determined according to at least one of a starting index of the at least one eCCE and an aggregation level of the at least one eCCE.

No. of Pages: 25 No. of Claims: 9

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AIR/OIL SEPARATOR ASSEMBLIES COMPONENTS; AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:19/10/2012 :WO 2013/059588 :NA	(71)Name of Applicant: 1)DONALDSON COMPANY INC. Address of Applicant:1400 West 94th Street P.O. Box 1299 Minneapolis MN 55440 1299 U.S.A. (72)Name of Inventor: 1)KRYSTUFEK Miloslav 2)WOOD Robert Arthur 3)SMEESTERS Bart Michael
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	S)SWIEESTERS DAIL WICHAEI

(57) Abstract:

A filter cartridge for use in gas/liquid separation; the filter cartridge comprising: (a) an extension of filter media surrounding an open filter interior; the filter media having an inside surface an outside surface a first axial end section and second axial end section; (b) first and second end pieces; (i) the media being positioned between the first and second end pieces; (ii) the first end piece having a central flow aperture therethrough in gas flow communication with the open filter interior; (iii) the first end piece including a perimeter rim; (A) the perimeter rim having a portion projecting radially from a position adjacent the filter media inside surface and partially in extension along the first axial end section toward the filter media outside surface; (B) the first axial end section having an exposed media section extending from the perimeter rim to the filter media outside surface; the exposed media section forming a seal with a housing when the filter cartridge is operably oriented in a housing; and (iv) the second end piece being on the second axial end section of the filter media.

No. of Pages: 60 No. of Claims: 60

(22) Date of filing of Application :07/01/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention: REMOTE LINKAGE MECHANISM FOR HYDRAULIC VALVE

(51) International classification	:F16H63/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :UDAYACHAL BUILDING, SUITE # 6, 2ND
(33) Name of priority country	:NA	FLOOR, NO. 9, SAROJINI NAIDU SARANI, (RAWDON STREET),
(86) International Application No	:NA	KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO HAVING
Filing Date	:NA	REGISTERED OFFICE AT B-1/I-1, 2ND FLOOR, MOHAN CO-
(87) International Publication No	: NA	OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(61) Patent of Addition to Application Number	:NA	DELHI-110044 West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)SANJEEV ARORA
Filing Date	:NA	2)JAGJEET SINGH BAJWA

(57) Abstract:

Remote control valve linkage mechanism for pick & carry type of mobile hydraulic cranes mounting of hydraulic main control valve with its ports facing front of machine at central location on bulkhead area outside of operator cab having each spool of the main control valve can operate remotely from driver seat through a linkage assembly consisting of a control rod, a control shaft assembly and a control lever; each control shaft assembly being supported on a base plate with bush bearings located suitably to support the lever linkage.

No. of Pages: 8 No. of Claims: 09

(22) Date of filing of Application :04/11/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention: ROTOR HUB VIBRATION ATTENUATOR

(51) International classification	:B64C27/32; F16C15/00; B64C27/32	(71)Name of Applicant: 1)BELL HELICOPTER TEXTRON INC.
(31) Priority Document No	:00	Address of Applicant :P.O. BOX 482, FORT WORTH, TX 76101
(32) Priority Date	:24/04/2007	UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:	(72)Name of Inventor:
(86) International Application No	:PCT/US2007/010109	1)RAUBER, RICHARD, E.
Filing Date	:24/04/2007	2)POPELKA, DAVID, A.
(87) International Publication No	:WO 2008/133614	3)STAMPS, FRANK, B.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vibration attenuator for an aircraft has at least one weight mounted in a rotating system of a rotor hub of the aircraft, each weight being rotatable about an axis of rotation of the hub relative to the hub and to each other weight. Drive means are provided for rotating each weight about the axis of rotation at a selected speed for creating oscillatory shear forces that oppose and attenuate rotor-induced vibrations having a selected frequency.

No. of Pages: 26 No. of Claims: 27

(22) Date of filing of Application :26/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: DRILL BIT HAVING A SUNKEN BUTTON AND ROCK DRILLING TOOL FOR USE WITH SUCH A DRILL BIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:E21B10/36,E21B10/38,E21B10/46 :11186861.8 :27/10/2011 :EPO :PCT/EP2012/070966 :23/10/2012 :WO 2013/060676	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: SE 811 81 Sandviken Sweden (72)Name of Inventor: 1)SEPPÄLÄ Conny
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract:

A drill bit (21) for percussive rock drilling tools is provided and includes a drill bit head (23) having a front surface (25) having a face surface (27) defining a forward most end of the drill bit head (23) at least one hole (29) in the drill bit head (23) for receiving a button (31). The drill bit (21) comprises at least one recess (33) in the face surface (27). The recess (33) is larger than the hole (29). The hole (29) is disposed in the recess (33) so that an open end (35) of the hole (29) is disposed below the face surface (27). The drill bit head (23) comprises a gauge (43) surrounding the face surface (27) and the recess (33) is partially disposed in the gauge (43).

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :09/02/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: DRIVE LEVER MECHANISM IN A VIBRATORY TANDEM COMPACTOR

(51) International classification	:E01C (71)Name of Applicant :
(31) International classification	19/16 1)JCB INDIA LIMITED
(31) Priority Document No	:NA Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
(32) Priority Date	:NA RAWDON STREET, KOLKATA-700017, WEST BENGAL, INDIA
(33) Name of priority country	:NA AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
(86) International Application No	:NA FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
Filing Date	:NA MATHURA ROAD, NEW DELHI-110044 INDIA West Bengal India
(87) International Publication No	: NA (72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA 1)MAHADEO P.GOPALE
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) A1 4 4	<u>'</u>

(57) Abstract

Drive Lever Mechanism in a Vibratory Tandem Compactor comprising GA drive lever, WA drive lever box, WA linkage, WA drive lever, WA box cover, spring, Clamping plate, Set screw M5x20, Bushing, sleeve M16X10, sleeve M12X10, Pivot pin, Washer plain M12, Nut M12 hex Self lock, Washer plain M16, Spring 28X12,2X1,5; Clamping plate, Set pin, Heavy Duty Plain Washer, Rubber bellow, Connecting piece, Driving lever Handle, Bolt M8 X 16, Plain washer M6, Plain washer M8, Bolt; M8X20, Grub screw DIN914-M 6, Drive cable 1750, Bolt m6 X 16, Flexible edge protector.

No. of Pages: 11 No. of Claims: 21

(21) Application No.432/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: STABILISED TETHERED AIRBORNE WIND TURBINE ENERGY SYSTEM

(51) International classification	:F03D (71)Name of Applicant :
(b 1) International Graphication	11/00 1)ZEESHAN ASHRAF
(31) Priority Document No	:NA Address of Applicant :30/20, RAI CHARAN GHOSH LANE,
(32) Priority Date	:NA KOLKATA - 700039 (WEST BENGAL, INDIA) West Bengal India
(33) Name of priority country	:NA (72)Name of Inventor :
(86) International Application No	:NA 1)ZEESHAN ASHRAF
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) A1	<u> </u>

(57) Abstract:

A new highly flexible system for continuous generation of electrical energy from stabilised tethered airborne wind turbine at high efficiency using sealed airtight inflatable body, wind power generating equipment, tether and a control system. The airtight inflatable body contains lighter than air gases (together forming the lift system). The wind power generating system is coupled to the lift system. The tether is coupled to the wind power generating equipment via the lift system. The whole system aligns itself perpendicular to the wind direction automatically. The control system is capable of controlling and monitoring the lift system as well as the wind power generating system.

No. of Pages: 11 No. of Claims: 10

(21) Application No.799/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012 (43) Publication Date : 09/10/2015

(54) Title of the invention: IMPROVED SUCTION STRAINER WITH DETACHABLE MAGNETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	B01D35/06 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JCB INDIA LIMITED Address of Applicant:6,UDAYACHAL, 2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal India (72)Name of Inventor: 1)MAYANK VERMA 2)ROOPAK SHARMA 3)SANJEEV ARORA
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(57) Abstract:

Improved suction strainer with detachable magnets the hydraulic fluid filtration system comprising the filter body (101) and the pocket (102) or housing to embed the magnetic bar inside it, and the instant system comprising three of such magnetic housings, the magnet bar (103) is inserted in the housing (102); these magnet bars are detachable to the housing (102), the member (104) the magnet rests in the slots that are provided in the housing in such a way that oil going to the hydraulic pump through the improved suction strainer passes over at least one face of the magnet.

No. of Pages: 8 No. of Claims: 04

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SHORT HANDOVER LATENCY IN WIRELESS COMMUNICATION SYSTEM USING BEAM FORMING

(51) International classification	:H04B7/04	(71)Name of Applicant:
(31) Priority Document No	:1020110098916	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:29/09/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si
(33) Name of priority country	:Republic of Korea	Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/007962	(72)Name of Inventor:
Filing Date	:28/09/2012	1)SON Yeong Moon
(87) International Publication No	:WO 2013/048212	2)KANG Hyun Jeong
(61) Patent of Addition to Application Number	:NA	3)KIM Kyung Kyu
Filing Date	:NA	4)TAORI Rakesh
(62) Divisional to Application Number	:NA	5)CHANG Young Bin
Filing Date	:NA	6)JUNG Jung Soo
Timig Date	.INA	O)JUNG Jung 300

(57) Abstract:

Beam selection is provided. A method for handover in a mobile station includes sending a scan request message for scanning a downlink (DL) beam with respect to a serving base station (BS) and a neighboring BS to the serving BS and receiving a scan response message; determining the DL beam for the MS by performing scanning with the serving BS and the neighboring BS based on the scan response message; sending a scan report message comprising a result of the scanning to the serving BS; when receiving an air HO request message from the serving BS generating an air HO response message comprising information of a neighboring BS to which the MS hands over based on the air HO request message; performing beam selection with the neighboring BS of the handover based on the air HO request message; and performing the handover.

No. of Pages: 42 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2014

(21) Application No.925/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: DECANTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:10 2011 087 966.8 :08/12/2011 :Germany :PCT/EP2012/073609 :26/11/2012	(71)Name of Applicant: 1)INVENT UMWELT UND VERFAHRENSTECHNIK AG Address of Applicant: Am Pestalozziring 21 91058 Erlangen Germany (72)Name of Inventor: 1)HÖFKEN Marcus
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2013/083424 :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a decanter (2) for separating a supernatant lying over a sludge in a clarifier (1). An extracting device (5 16) with a receiving pipe (9 18) is attached to an end of a discharge pipe (4 17) said receiving pipe extending in an approximately perpendicular manner relative to the discharge pipe (4 17) in the manner of a T piece. According to the invention the receiving pipe (9 18) is a rectangular pipe made of sheet metal in order to reduce the production complexity.

No. of Pages: 19 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1017/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS FOR TEXTURIZING STRAND MATERIAL

:NA

(51) International classification :D02G1/16,D02J1/08,B29C47/12 (71)Name of Applicant :

(31) Priority Document No :61/562530 (32) Priority Date :22/11/2011

(33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/065406

Filing Date :16/11/2012

(87) International Publication No :WO 2013/078074

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)OCV INTELLECTUAL CAPITAL LLC

Address of Applicant : One Owens Corning Parkway Toledo OH

43659 U.S.A.

(72)Name of Inventor:

1)BRANDT Luc J. L.

(57) Abstract:

Filing Date

A device for texturizing strand material into a wool type product includes outer and inner nozzle sections. The outer and inner nozzle sections interface and define a passage through which the strand material travels. A locking device in the inner nozzle section is operable to selectively stop movement of the strand material. The locking device includes a seal holder that positions a sealing member within the inner nozzle section to prevent debris from entering the inner nozzle section thereby promoting continued effective operation of the locking device. The outer nozzle section includes an end nozzle assembly including a hardened outlet tube. The hardened outlet tube is distinct from the outer nozzle section and thus can be repaired or replaced independently of the outer nozzle section.

No. of Pages: 45 No. of Claims: 14

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: IMPROVED RETRACTABLE SYRINGE NEEDLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/32,A61M5/50 :61/557792 :09/11/2011 :U.S.A. :PCT/AU2012/001376 :09/11/2012 :WO 2013/067588 :NA :NA	(71)Name of Applicant: 1)UNITRACT SYRINGE PTY LTD Address of Applicant: Suite 3 Level 11 1 Chifley Square Sydney New South Wales 2000 Australia (72)Name of Inventor: 1)THORLEY Craig Stephen 2)KAAL Joseph Hermes 3)RAFFERTY Christopher 4)WALLIS Huw Umberto 5)HUESO MONIS Ernesto 6)LAW Kamman 7)SOKOLOV Richard
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(57) Abstract:

A retractable needle is provided for a syringe comprising a barrel and a plunger that comprises a portion capable of engaging the retractable needle for retraction. The retractable needle comprises a cannula a needle body having a plunger engaging member at least one aperture and an elongate portion which houses the cannula the cannula comprising an end which is in fluid communication with the at least one aperture wherein the at least one aperture is located between the plunger engaging member and the elongate portion. The positioning of the at least one aperture distal to the plunger engaging member maximizes the efficiency of fluid delivery.

No. of Pages: 41 No. of Claims: 27

(22) Date of filing of Application :21/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: OVEN FOR FIBER HEAT TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:21/12/2012 :WO 2013/101746	(71)Name of Applicant: 1)HARPER INTERNATIONAL CORPORATION Address of Applicant:100 West Drullard Avenue Lancaster NY 14086 U.S.A. (72)Name of Inventor: 1)BAGWELL Renee M. 2)STRY William J.
(87) International Publication No	:WO 2013/101746	,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved oven (1) comprising a conveyor configured and arranged to move a product (11) to be processed through an oven a primary air delivery system (45) configured and arranged to provide a heated primary air flow (47) a secondary air delivery system configured and arranged to provide a heated secondary air flow (48) a processing enclosure (21) configured and arranged to receive and contain the product and the primary air flow an insulated enclosure (2) configured and arranged to receive the heated secondary air flow the processing enclosure configured and arranged to extend through the insulated enclosure and the heated secondary air flow and to separate the primary air flow from the secondary air flow.

No. of Pages: 26 No. of Claims: 32

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: SIMULTANEOUS REPORTING OF ACK/NACK AND CHANNEL STATE INFORMATION USING PUCCH FORMAT 3 RESOURCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/16,H04L1/00 :61/542503 :03/10/2011 :U.S.A. :PCT/SE2012/050152 :14/02/2012 :WO 2013/051983 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)BALDEMAIR Robert 2)LARSSON Daniel 3)CHENG Jung Fu 4)FRENNE Mattias
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(57) Abstract:

A new uplink control channel capability is introduced to enable a mobile terminal to simultaneously report multiple packet receipt status bits and channel condition bits. In an example embodiment implemented in a mobile terminal the mobile terminal (first determines (1310) that channel state information and hybrid ARQ ACK/NACK bits corresponding to a plurality of downlink subframes or a plurality of downlink carriers or both are scheduled for transmission in an uplink subframe. The mobile terminal then determines (1320) whether the number of the hybrid ARQ ACK/NACK bits is less than or equal to a threshold number. If so the mobile terminal transmits (1330) both the channel state information and the hybrid ARQ ACK/NACK bits in physical control channel resources of the first uplink subframe on a single carrier. In some embodiments the number of the hybrid ARQ ACK/NACK bits considered in the previously summarized technique represents a number of ACK/NACK bits after ACK/NACK bundling.

No. of Pages: 53 No. of Claims: 24

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF HIGHLY PURE DULOXETINE HYDROCHLORIDE

(31) Priority Document No :20110 (32) Priority Date :17/10/ (33) Name of priority country :Greece (86) International Application No :PCT/F Filing Date :16/10/	Grece Grece (72)Name of Inventor :
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(57) Abstract:

The present invention relates to an improved process for the preparation of Duloxetine and pharmaceutical acceptable salts or derivatives thereof in particular to a process for large scale production of Duloxetine hydrochloride in high yield and high enantiomeric and chemical purity.

No. of Pages: 9 No. of Claims: 4

(21) Application No.1023/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN ELECTRIC MOTOR OR GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01J25/02 :1118059.3 :19/10/2011 :U.K. :PCT/IB2012/055309 :03/10/2012	(71)Name of Applicant: 1)PROTEAN ELECTRIC LIMITED Address of Applicant: Protean Electric Limited Silvertree Unit 10b Coxbridge Business Park Alton Road Farnham Surrey GU10 5EH U.K. (72)Name of Inventor: 1)BURKE Richard
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/057614 :NA :NA :NA :NA	

(57) Abstract:

An electric motor or generator system comprising a rotor having a first set of magnet poles; a stator having a first sensor mounted on the stator and a second sensor mounted in substantially a diametrically opposite position on the stator relative to the first sensor wherein the first sensor is arranged to output a first signal indicative of a first rotor flux angle associated with the first set of magnet poles as the rotor rotates relative to the stator and the second sensor is arranged to output a second signal indicative of a second rotor flux angle associated with the first set of magnet poles as the rotor rotates relative to the stator; and means arranged to determine a corrected rotor flux angle by averaging the first rotor flux angle indicated by the first sensor and the second rotor flux angle indicated by the second sensor.

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :21/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR COMMUNICATIONS LINK CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W52/02 :61/561707 :18/11/2011 :U.S.A. :PCT/US2012/065935 :19/11/2012 :WO 2013/075134 :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgand District Shenzen Guangdong 518129 China (72)Name of Inventor: 1)CALCEV George 2)CHEN Bin 3)CAI Lin
. ,		3)CAI Lin

(57) Abstract:

A method for operating an access point includes identifying one or more stations to receive a transmission from the access point (block 705) and generating a traffic indicator map (TIM) for the one or more stations identified the TIM in accordance with a TIM generating rule the TIM identifying at least an offset length and a number of entries (block 710). The method further includes broadcasting a beacon carrying the TIM to the one or more stations identified the one or more stations configured to decode the beacon according to the TIM generating rule (block 715).

No. of Pages: 32 No. of Claims: 28

(43) Publication Date: 09/10/2015

(19) INDIA

(22) Date of filing of Application :28/05/2010

(54) Title of the invention: IMPROVED CABIN VISIBILITY FOR A PICK AND CARRY TYPE CRANE

(51) International classification (31) Priority Document No	:B66C17/00 :NA	(71)Name of Applicant : 1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6 UDAYACHAL, 2ND FLOOR, 9, RAWDON
(33) Name of priority country	:NA	STREET, KOLKATA 700 017, WEST BENGL, INDIA AND ALSO
(86) International Application No	:NA	HAVING REGISTERED OFFICE AT B-1 / I-1, 2ND FLOOR, MOHAN
Filing Date	:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(87) International Publication No	: NA	DELHI - 110044, INDIA Delhi India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJEEV ARORA
(62) Divisional to Application Number	:NA	2)JAGJEET SINGH BAJWA
Filing Date	:NA	

(57) Abstract:

Improved cabin visibility for pick and carry type crane with a layout wherein the cab is located behind the boom mounting and front wheels, a mirror being placed inside the cabin on its left side suitably mounted on the bracket mounting and facing the windscreen of the cab and at appropriate angle, so that the operator sitting on the right side of the cab can have an improved view of the front left side of tyres and beyond the front left side tyres.

No. of Pages: 11 No. of Claims: 04

(22) Date of filing of Application :01/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR CONTROLLING ROTATION OF SCREEN AND TERMINAL AND TOUCH SYSTEM SUPPORTING THE SAME

(51) International classification :G06F3/03,G06F3/14,G06F3/041 (71)Name of Applicant :

:NA

(31) Priority Document No :1020110116253 (32) Priority Date :09/11/2011

(33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2012/009348 Filing Date :08/11/2012

(87) International Publication No :WO 2013/069967

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :129 Samsung ro Yeongtong gu Suwon si

Gyeonggi do 443 742 Republic of Korea

(72)Name of Inventor: 1)SHIN Seok In 2)LIM Choong Kwon

(57) Abstract:

Filing Date

A method for controlling rotation of a screen according to a user request regardless of an orientation state of the terminal is provided. The terminal for supporting screen rotation control includes a sensor unit including a sensor for confirming a horizontal state of the terminal and a sensor for collecting angular velocity information of the terminal a controller for confirming the horizontal state of the terminal based on sensing information of the sensor unit and for confirming a rotated state or a rotation change state of the terminal in a corresponding horizontal state when the terminal is arranged in the horizontal state and a display unit for outputting a screen having a different output direction according to the rotated state or the rotation change state of the terminal.

No. of Pages: 30 No. of Claims: 14

(21) Application No.1220/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :05/10/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN EFFICIENT BOOM FOR PICK AND CARRY HYDRAULIC MOBILE CRANE

(51) International classification	:B66C19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6 UDAYACHAL, 2ND FLOOR, 9, RAWDON
(33) Name of priority country	:NA	STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO
(86) International Application No	:NA	HAVING REGISTERED OFFICE AT B-1 / 1-1, 2ND FLOOR, MOHAN
Filing Date	:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(87) International Publication No	: NA	DELHI - 110044, INDIA West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJEEV ARORA
(62) Divisional to Application Number	:NA	2)JAGJEET SINGH BAJWA
Filing Date	:NA	

(57) Abstract:

AN EFFICIENT BOOM FOR PICK AND CARRY HYDRAULIC MOBILE CRANE An efficient boom for pick and carry hydraulic mobile crane comprises a boom assembly for pick and carry type mobile hydraulic crane, single profile plates with pivot holes fixed on a double plate mounted on front bottom of outer main boom of crane for lifting the load, the said pivot plates placed at suitable distance so that the hook shackles can be mounted inside with a pin and the said double plate having slots symmetrical to the width of the plate so as to weld with bottom plate of outer main boom.

No. of Pages: 6 No. of Claims: 05

(22) Date of filing of Application :05/10/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention: EXTENSIBLE BOOM WITH SELF LOAD LEVELING ON A MOBILE CRANE MACHINE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6 UDAYACHAL, 2ND FLOOR, 9, RAWDON
(33) Name of priority country	:NA	STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO
(86) International Application No	:NA	HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
Filing Date	:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(87) International Publication No	: NA	DELHI-110044, INDIA West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJEEV ARORA
(62) Divisional to Application Number	:NA	2)JAGJEET SINGH BAJWA
Filing Date	:NA	

(57) Abstract:

Extensible Boom with Self Load Leveling on a Mobile Crane Machine Extensible Boom with Self Load Leveling on a Mobile Crane Machine provided at front end of the extension boom member wherein the hook block is suspended with pulley and rope starting from winch drum and then being routed to a tilt compensation pulley fixed on outer main boom front end and then routed to another compensation pulley vertically fixed within rear end of first extension boom member and then further routed to idler pulleys fixed vertically to front end of first extension boom then further routed to hook block and then back to front face of outer main boom through another set of idler pulleys fixed to front end of first extension boom.

No. of Pages: 10 No. of Claims: 04

(22) Date of filing of Application :28/05/2010

(43) Publication Date: 09/10/2015

(54) Title of the invention : AN IMPROVED SUCTION STRAINER FITTED WITH MAGNETS TO CAPTURE THE FERROUS DIRT CONTAMINATION IN CONSTRUCTION INDUSTRY

(51) International classification	:B01D24/36	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6 UDAYACHAL, 2ND FLOOR, 9, RAWSON
(33) Name of priority country	:NA	STREET, KOLKATA 700017, WEST BENGAL AND ALSO HAVING
(86) International Application No	:NA	ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-
Filing Date	:NA	OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
(87) International Publication No	: NA	DELHI - 110044, INDIA Delhi India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJEEV ARORA
(62) Divisional to Application Number	:NA	2)ROOPAK SHARMA
Filing Date	:NA	3)MAYANK VERMA

(57) Abstract:

AN IMPROVED SUCTION STRAINER FITTED WITH MAGNETS TO CAPTURE THE FERROUSDIRT CONTAMINATION IN

CONSTRUCTION INDUSTRY An improved suction strainer fitted with magnets to capture the ferrous dirt contamination in construction industry by providing a pocket formed by magnetic ring and non-magnetic washer, the said filtration system being provided with the internal diameter of ring magnet being more than that of washer and the magnetic rings and washers being co-axially assembled in the shell body so that it not only attracts or captures the ferrous particles but also retains them inside and, the said filtration system being provided with an improved geometry whose whole assembly can be disassembled to remove the collected particles and can also be re-used during the service of the filtration system.

No. of Pages: 7 No. of Claims: 03

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CHROMATOGRAPHIC PURIFICATION

(51) International classification (31) Priority Document No	:B01D15/18,B01D15/36,B01D15/38 :11008021.5	(71)Name of Applicant : 1)MERCK PATENT GMBH
(32) Priority Date	:04/10/2011	Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/003866	(72)Name of Inventor:
Filing Date	:15/09/2012	1)SKUDAS Romas
(87) International Publication No	:WO 2013/050104	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and an apparatus suitable for a continuous chromatography process which only needs three separation columns. The process is a two step procedure comprising two chromatographic steps. The first chromatographic step (capture) is performed alternating and sequentially on two separation columns the second chromatographic step (polishing) is performed also sequentially on the third column.

No. of Pages: 104 No. of Claims: 15

(21) Application No.947/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: A TRANSMISSION PROTECTION SYSTEM

(51) International classification	:F16H61/18,F16H61/24,F16H61/70	(71)Name of Applicant:
(31) Priority Document No	:11460053.9	1)EATON TRUCK COMPONENTS SP. Z O.O.
(32) Priority Date	:31/10/2011	Address of Applicant ul. 30 Stycznia 55 PL 83100 Tczew Poland
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/071596	1)WULNIKOWSKI Leszek
Filing Date	:31/10/2012	2)OTT Zenon
(87) International Publication No	:WO 2013/064553	3)MICHALSKI Przemyslaw
(61) Patent of Addition to	:NA	4)KOPYLOWICZ Filip
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

The subject of the invention provides a transmission protection system (1) for motor vehicles equipped with low range of ratios and high range of ratios comprising a device for shifting gears LRC (2) operating in H letter array. The gear shifting device (2) is connected to an electro pneumatic valve EPV (20) acting axially on a gear selection shaft (5) so that it counteracts accidental positioning of the gear selection shaft (5) in position of the gears 1 2 within the low range of ratios or position of the gears 5 6 within the high range of ratios.

No. of Pages: 23 No. of Claims: 5

(21) Application No.1044/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

$(54) \ Title \ of the invention: FILTER \ ASSEMBLIES; \ COMPONENTS \ AND \ FEATURES \ THEREOF: \ AND \ METHODS \ OF \ USE \ AND \ ASSEMBLY$

(51) International classification	:B01D46/24	(71)Name of Applicant:
(31) Priority Document No	:61/551741	1)DONALDSON COMPANY INC
(32) Priority Date	:26/10/2011	Address of Applicant :1400 West 94th Street P.O. Box 1299
(33) Name of priority country	:U.S.A.	Minneapolis MN 55440 1299 U.S.A.
(86) International Application No	:PCT/US2012/062265	(72)Name of Inventor:
Filing Date	:26/10/2012	1)OSENDORF Richard
(87) International Publication No	:WO 2013/063497	2)EINBERGER Joseph
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Filter assemblies components therefor and features thereof are described. Also described are methods of assembly and use. In depicted examples the air cleaner assemblies and components optionally use advantageous housing seal features. Also an advantageous resonator/sonic choke arrangement which is optional and which can be used without the advantageous housing seal is described. Methods of assembly and use are described.

No. of Pages: 259 No. of Claims: 210

(21) Application No.1045/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR UE AGGREGATE MAXIMUM BIT RATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L12/56 :NA :NA :NA :PCT/EP2011/068727 :26/10/2011 :WO 2013/060363 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)KARLSSON Josefin 2)STENFELT John
* *	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A policy control node a PCN (105) for a first PLMN (101) the PCN (105) comprising a PCRF the PCN (105) having an interface towards an SPR/UDR (121) in the first PLMN (101) the PCRF of the PCN (105) being arranged to receive a request from another node (110 127) in the first PLMN (101) or in a second (122) PLMN (101) for establishing a PDN connection for a UE (120 130). The PCRF is arranged to as a result of said request send a query to the SPR/UDR (121) regarding whether or not the PCRF is allowed to set the upper limit for the UE AMBR for the UE (120 130) the PCRF being arranged to if the reply from the SPR/UDR to the query is positive determine and transmit the upper limit of the UE AMBR for the UE to said other node (110 125).

No. of Pages: 23 No. of Claims: 8

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : DEVELOPMENT OF NOVEL HIGH CARBON FERROCHROME SLAG BASED GEOPOLYMER FOR HIGH STRENGTH CONSTRUCTION APPLICATIONS

(51) International classification	:C22C33/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GANDHI INSTITUTE OF ENGINEERING AND
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :VIDYA VIHAR, GUNUPUR, DIST:
(86) International Application No	:NA	RAYAGADA, 765022, ODISHA Orissa India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. PRADEEP KUMAR RANA
(61) Patent of Addition to Application Number	:NA	2)DR.RADHA RAMAN DASH
Filing Date	:NA	3)SANJEEB KUMAR GUPTA
(62) Divisional to Application Number	:NA	4)SIDDHARTH SAMASI
Filing Date	:NA	5)MV BASANTI KUMAR

(57) Abstract:

The attempt was taken to develop the HCFCS GP from the Industrial waste to utilize as the construction material. The alkali treatment was done at its appropriate ratio for the formation of GP. Though the mechanism of the GP formation is complex, but it is basically due to the formation of Silico-aluminate compound after within 24hrs of curing. The characterization of the GP revels the property like compressive strength which is the main objective and as well as to replace the Portland cement (PC). Finally, the corrosion test results also found interesting than the PC test results.

No. of Pages: 11 No. of Claims: 9

(21) Application No.892/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: LOW IMPURITY CONTENT CASPOFUNGIN PREPARATION METHOD FOR PREPARING SAME AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K38/12,A61K47/18,A61K47/26 :201110288753.3 :26/09/2011 :China :PCT/CN2012/081956 :25/09/2012 :WO 2013/044789 :NA :NA	(71)Name of Applicant: 1)SHANGHAI TECHWELL BIOPHARMACEUTICAL CO. LTD Address of Applicant: No.4258 Jindu Road Minhang District Shanghai 201108 China (72)Name of Inventor: 1)HONG Yunhai 2)XUE Ying 3)SHA Lixin 4)JI Xiaoming
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(57) Abstract:

Disclosed is a low impurity content caspofungin pharmaceutical composition also disclosed is a method for preparing the low impurity content caspofungin pharmaceutical composition. The caspofungin pharmaceutical composition provided in the present invention is provided with great stability.

No. of Pages: 46 No. of Claims: 29

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND APPARATUSES FOR SELECTING VOICE OVER LTE OR CS FALLBACK FOR VOICE SESSIONS

:H04W36/00	(71)Name of Applicant:
:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
:NA	Address of Applicant :S 164 83 Stockholm Sweden
:NA	(72)Name of Inventor:
:PCT/EP2011/067273	1)HEDMAN Peter
:04/10/2011	2)PALM Håkan
:WO 2013/050061	3)RYDNELL Gunnar
:NA	4)STATTIN Magnus
:NA	
:NA	
:NA	
	:NA :NA :NA :PCT/EP2011/067273 :04/10/2011 :WO 2013/050061 :NA :NA :NA

(57) Abstract:

A method (100) for use in a Mobility Management Entity an MME in an LTE system comprising (110) obtaining and determining the capability of a mobile terminal in the LTE system regarding the mobile terminal s capability for handover over from the LTE system to a 2G and/or a 3G system comparing (115) the mobile terminal s capability and the LTE system s capability for Single Radio Voice Channel Continuity SRVCC handover over from the LTE system to a 2G and/or a 3G system and depending on the outcome of the comparison instructing (120 125) the mobile terminal to use Voice over LTE VoLTE or Circuit Switched CS fallback when initiating voice sessions.

No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: EFFECTIVE PREDICTION USING PARTITION CODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/34,H04N7/26 :61/558634 :11/11/2011 :U.S.A. :PCT/EP2012/072329 :09/11/2012 :WO 2013/068567 :NA :NA :NA	(71)Name of Applicant: 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant: Hansastraße 27c 80686 München Germany (72)Name of Inventor: 1)MERKLE Philipp 2)BARTNIK Christian 3)LAKSHMAN Haricharan 4)MARPE Detlev 5)MLLER Karsten 6)WIEGAND Thomas 7)TECH Gerhard
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(57) Abstract:

The way of predicting a current block by assigning constant partition values to the partitions of a bi partitioning of a block is quite effective especially in case of coding sample arrays such as depth/disparity maps where the content of these sample arrays is mostly composed of plateaus or simple connected regions of similar value separated from each other by steep edges. The transmission of such constant partition values would however still need a considerable amount of side information which should be avoided. This side information rate may be further reduced if mean values of values of neighboring samples associated or adjoining the respective partitions are used as predictors for the constant partition values.

No. of Pages: 89 No. of Claims: 13

(22) Date of filing of Application :09/10/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention: PRODUCTION METHOD FOR MACHINES

(57) Abstract:

The invention relates to a production method for machines, particularly machines for the beverage industry such as cleaning machines, pasteurization machines, shrink tunnels or the like, for the treatment of containers such as bottles, cans, jars, and the like, wherein the components of the machine are assembled from individual parts by welding processes and by releasable connections. A mounting fixture that is not part of the machine is provided, to which a first side wall is fastened, and then a second, opposite side wall is positioned at a distance that is slightly greater than the distance between the side walls after complete assembly. In the next installation step, centre built-in parts are installed between the side walls, wherein at least one of the side walls is provided with support elements by means of which a portion of the centre built-ins are held and/or can be supported. Finally, the mounting devices are brought together, so that the machine is enclosed and can subsequently be welded together by means of laser or electron beam welding methods.

No. of Pages: 11 No. of Claims: 22

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: CONTROLLING UPLINK TRANSMIT POWER RESPONSIVE TO COMBINATION OF RECEIVED POWER CONTROL COMMANDS DURING SOFT HANDOVER IN A COMMUNICATON SYSTEM

:H04W52/40,H04W52/28,H04W52/14 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/543205 (32) Priority Date :04/10/2011 (33) Name of priority country :U.S.A.

:PCT/SE2012/050761 (86) International Application No

Filing Date :02/07/2012 (87) International Publication No :WO 2013/051987

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)Telefonaktiebolaget L M Ericsson (publ)

Address of Applicant :SE 164 83 Stockholm Sweden

(72)Name of Inventor:

1) Claes TIDESTAV Claes TIDESTAV

(57) Abstract:

A method by a user equipment node (110) controls uplink transmission power during soft handover of the user equipment node (110) from a first base station (120a) to a second base station (120b). A transmission power control command is received (400) by the user equipment node (110) from each of the first and second base stations (120a 120b) during the soft handover. Uplink transmission power by the user equipment node (110) of a high speed dedicated physical control channel (202) is controlled (402) responsive to the received transmission power control commands.

No. of Pages: 32 No. of Claims: 21

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: SECTOR BASED HS DPCCH TRANSMISSION FOR MULTI FLOW HSDPA TRANSMISSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/00,H04L1/18 :61/543066 :04/10/2011 :U.S.A. :PCT/SE2012/050683 :20/06/2012 :WO 2013/051986 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)HULTELL Johan 2)VON WRYCZA Peter
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(57) Abstract:

There is provided a method of transmitting feedback information from a mobile terminal in a wireless communication system. The feedback information relates to multi flow High Speed Downlink Packet Access HSDPA transmissions to the mobile terminal from cells belonging to multiple cell sectors. The cell sectors are sometimes simply referred to as sectors. The method comprises transmitting multiple High Speed Dedicated Physical Control Channels HS DPCCHs one HS DPCCH for each sector such that different HS DPCCH channels are used to carry feedback information for cells that belong to different sectors. This opens up for a more flexible HS DPCCH solution allowing multiple HS DPCCHs. In this way the relevant time budget(s) for the mobile terminal and/or base station may be retained or conserved even for multi flow HSDPA transmission scenarios thus avoiding re transmissions of data.

No. of Pages: 54 No. of Claims: 32

(21) Application No.1035/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CHANNEL PREDICTING

(32) Priority Date :NA :NA (33) Name of priority country :NA (86) International Application No :PCT/CN2011/080978 Filing Date :19/10/2011 :NA :NA (51) Patent of Addition to Application Number Filing Date :NA :NA (62) Divisional to Application Number Filing Date :NA Filing Date :NA Filing Date :NA Filing Date :NA	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :PCT/CN2011/080978 :19/10/2011 :WO 2013/056435 :NA :NA :NA	(72)Name of Inventor:
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(57) Abstract:

The present invention discloses a channel predicting method and apparatus in a communication network comprising a time varying wireless channel. The channel predicting method comprising: determining a prediction strategy; selecting a certain number of channel samples from candidate channel samples each corresponding to one symbol in time domain in accordance with the prediction strategy; determining prediction weights in accordance with the prediction strategy and statistical properties of the time varying wireless channel; and weighting the selected channel samples with the determined prediction weights to obtain a predicting channel sample as a prediction result.

No. of Pages: 50 No. of Claims: 24

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD ENABLING FAST SWITCHING BETWEEN MULTICAST TREES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/06 :NA :NA :NA :PCT/CN2011/001749 :21/10/2011 :WO 2013/056399	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)YUAN Song 2)SHAO Mingchao 3)MUMOLO Giovanni
(86) International Application No	:PCT/CN2011/001749	1)YUAN Song
Filing Date	:21/10/2011	2)SHAO Mingchao
(87) International Publication No	:WO 2013/056399	3)MUMOLO Giovanni
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Presented are a system and method of detecting a multicast tree link failure and performing a fast switch from the failed multicast tree communication path to a secondary multicast tree communication path. The methods are suitable for leaf nodes in a multiprotocol label switching network. The method generates a count of communication path failure detection packets and a count of communication path failure detection packets plus other packets and compares the counts to determine the status of the link. The system includes two counter components and a comparison component.

No. of Pages: 25 No. of Claims: 21

(22) Date of filing of Application :22/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MAGNETIC CIRCUIT COMPRISING SECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1161148 :05/12/2011 :France :PCT/IB2012/056941 :04/12/2012 :WO 2013/104959	(71)Name of Applicant: 1)MOTEURS LEROY SOMER Address of Applicant:Boulevard Marcellin Leroy CS10015 F 16000 Angouleme France (72)Name of Inventor: 1)VOHLGEMUTH Patrick
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(57) Abstract:

The invention relates to a magnetic circuit (1) for a rotary electric machine comprising: a plurality of packs (2) of sheets stacked to form sectors the facing sidewalls (3 4) of said packs including nestable projections; and inserts introduced into housings defined at least partially by the nesting of the projections said inserts being used to assemble the sectors to one another.

No. of Pages: 16 No. of Claims: 17

(21) Application No.1102/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : COMBINATION OF A CONTAINER FOR A LIQUID FOODSTUFF AND A QUANTITY OF PROPELLANT AND USE OF A PROPELLANT

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:B67D1/04,B67D1/08,
:2011/0722
:15/12/2011
:Belgium
:PCT/BE2012/000052
:06/12/2012

(87) International Publication No :WO 2013/086587

:B67D1/04,B67D1/08,B67D1/12 (71)Name of Applicant :

1)CARDIFF GROUP NAAMLOZE VENNOOTSCHAP
Address of Applicant :Bruinstraat 70 B 3520 Zonhoven Belgium

(72)Name of Inventor:

1)STANDAERT Geert Norbert R.

2)VANDEBRIEL Imar

(57) Abstract:

Combination of a container (1) for a liquid foodstuff and a quantity of propellant (2) to put the container (1) under pressure in order to make the foodstuff flow out of the container (1) via an opening (11) characterised in that at a temperature of 5°C the propellant (2) has a vapour pressure greater than 115 kPa and at a temperature of 25°C has a vapour pressure of less than 1000 kPa.

No. of Pages: 22 No. of Claims: 20

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR USE WITH ANTENNA ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01Q3/26 :NA :NA :NA :PCT/EP2011/067607 :07/10/2011 :WO 2013/050085	(71)Name of Applicant: 1)Telefonaktiebolaget L M Ericsson (publ) Address of Applicant:SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)JOHANSSON Bernt 2)BERGLUND Bo
· /		,
2	:07/10/2011	2)BERGLUND Bo
(87) International Publication No	:WO 2013/050085	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

1211111222222Embodiments of the present invention provide an apparatus (200) for feeding an antenna array (207) comprising at least first and second antenna elements (207 207). The apparatus comprises a first transmitting element (201) configured to receive a first base band signal (202 i) and to feed a first feed signal (204) to a first antenna element (207) the first transmitting element (201) comprising a first power amplifier (203). The apparatus also comprises a second transmitting element (201) configured to receive a second base band signal (202) and to feed a second feed signal (204) to a second antenna element (207) the second transmitting element (201) comprising a second power amplifier (203). A tapering control unit (205) is adapted to provide a tapering function between the first feed signal to the first antenna element and the second feed signal to the second antenna element.

No. of Pages: 31 No. of Claims: 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1014/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: BENZODIOXEPIN 3 ONE COMPOUNDS AS DYES OR AS FLUORESCENT EMITTERS

(51) International classification :C07D231/10,C07D405/14,C07D407/14 (71)Name of Applicant:

(31) Priority Document No :10 2011 116 165.5

(32) Priority Date :14/10/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/003869

No :17/09/2012 Filing Date

(87) International Publication No:WO 2013/053422

(61) Patent of Addition to Application Number :NA :NA

Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (72)Name of Inventor: 1)RUDOLPH Thomas 2)BUEHLE Philipp 3)ROSSKOPF Ralf

Germany

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt

(57) Abstract:

The invention relates to specific benzodioxepin 3 one compounds a process for the preparation thereof and the use thereof as dyes or as fluorescent emitters for organic electroluminescence devices (OLEDs) or for organic light emitting electrochemical cells (OLECs) and also corresponding electronic devices.

No. of Pages: 103 No. of Claims: 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1015/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: THERMALLY CONDUCTIVE SELF SUPPORTING SHEET

(51) International classification	:C08K3/00,C08K3/14,C08K3/38	(71)Name of Applicant:
(31) Priority Document No	:11008292.2	1)MERCK PATENT GMBH
(32) Priority Date	:14/10/2011	Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/004113	(72)Name of Inventor:
Filing Date	:01/10/2012	1)SUZUKI Ryuta
(87) International Publication No	:WO 2013/053442	2)KUNTZ Matthias
(61) Patent of Addition to Application	:NA	3)RUEGER Reinhold
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a thermally conductive self supporting electrically insulating flexible sheet which is advantageously useful for the insulation of electrical machines or devices to a process for the manufacture as well as to the use thereof.

No. of Pages: 29 No. of Claims: 17

(21) Application No.1092/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: IPV6 TRANSITION TOOL HANDLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56 :NA :NA :NA :PCT/CN2011/001803 :28/10/2011 :WO 2013/059965 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)GUO Lei
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(57) Abstract:

The present invention relates to a method for signalling in an infrastructure network comprising a Source Serving Node S SN a Target SN T SN and a first Gateway. At least one Packet Data Network PDN bearer is established for a User Equipment UE when at least one PDN bearer is handed over from the S SN to the T TN. The network performs the steps of: the T SN sends (17) a modify bearer request to the first GW said bearer request indicating that the T SN does not support dual Internet Protocol IP addressing for said PDN bearer being handed over the first GW on the basis of the received modify bearer request (18) initiates a modify bearer procedure where a new Packet Data Network PDN bearer type for single IP addressing is defined the first GW further sends (19) a modify bearer response to the T SN said bearer response comprising information about the new PDN bearer type.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :22/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : POLYVINYL CHLORIDE COMPOSITION TUBE CHANNEL OR CONTAINER USE OF A PVC COMPOSITION AND USE OF A TUBE OF A CHANNEL OR OF A CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L27/04,C08L27/06 :12000194.6 :13/01/2012 :EPO :PCT/EP2013/050081 :04/01/2013 :WO 2013/104562 :NA :NA :NA	(71)Name of Applicant: 1)GEORG FISCHER DEKA GMBH Address of Applicant: Kreuzstrasse 22 35232 Dautphetal Mornshausen Germany (72)Name of Inventor: 1)SCHUESSLER Stephan 2)WEISS Achim 3)WEWIOR Gerhard 4)GIERSBACH Florian
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(57) Abstract:

NNWWA polyvinyl chloride (PVC) composition is proposed which comprises a PVC resin having a molecular weight distribution having a number average of M = 60 kDa to M = 70 kDa and a weight average of M = 114 kDa to M = 124 kDa wherein the total composition has a chlorine content from 56% to 62%.

No. of Pages: 39 No. of Claims: 11

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ROTARY PISTON INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1118247.4 :23/10/2011 :U.K.	(71)Name of Applicant: 1)COMPOUND ROTARY ENGINES LIMITED Address of Applicant: 43 Old Station Road Hampton in Arden Solihull West Midlands B92 0HA U.K. (72)Name of Inventor: 1)GARSIDE David W
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(57) Abstract:

A rotary internal combustion engine of the Wankel type having a housing with a two lobed epitrochoidal inner peripheral surface a shaft journalled in end housings and a rotor eccentrically mounted on the shaft and geared to rotate at one third the speed of said shaft whereby working chambers are formed between the flanks of the rotor and the housings which vary in volume as the rotor rotates. The rotor is cooled by a fully closed circuit system wherein pressurised gasses are circulated by a centrifugal fan which is directly mounted on the main eccentric shaft and circulates the gases through a heat exchanger which is integrated into the cool sector of the rotor housing all components being enclosed within the pressurised system and only one drive shaft using a single high pressure shaft seal assembly emerges from this system.

No. of Pages: 18 No. of Claims: 12

(22) Date of filing of Application :05/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR REMOVING RADIOACTIVE CESIUM HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE CESIUM METHOD FOR REMOVING RADIOACTIVE IODINE AND RADIOACTIVE CESIUM AND HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE IODINE AND RADIOACTIVE CESIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G21F9/12 :2011288508 :28/12/2011 :Japan :PCT/JP2012/084061 :28/12/2012 :WO 2013/100125 :NA :NA :NA	(71)Name of Applicant: 1)DAINICHISEIKA COLOR & CHEMICALS MFG. CO. LTD. Address of Applicant: 7 6 Nihonbashi Bakuro cho 1 chome Chuo ku Tokyo 1038383 Japan 2)UKIMA CHEMICALS & COLOR MFG. CO. LTD. (72)Name of Inventor: 1)HANADA Kazuyuki 2)URUNO Manabu 3)KIMURA Kazuya 4)TAKAHASHI Kenichi
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(57) Abstract:

[Problem] To provide a novel method for removing radioactive cesium which is simple and inexpensive and does not necessitate an energy source e.g. electric power and in which the removed radioactive cesium can be fixed and stably immobilized. The method makes it possible to reduce the volume of the radioactive waste according to need. [Solution] A method for removing radioactive cesium present in a radioactive waste liquid and/or solid radioactive matter using a hydrophilic resin composition that comprises a hydrophilic resin and a metal ferrocyanide compound wherein the hydrophilic resin comprises at least one resin selected from the group consisting of a hydrophilic polyurethane resin a hydrophilic polyurea resin and a hydrophilic polyurethane/polyurea resin which each have a hydrophilic segment and have a polysiloxane segment in the backbone and/or side chains of the structure the hydrophilic resin composition comprising 100 parts by mass of the hydrophilic resin and 1 200 parts by mass of the metal ferrocyanide compound dispersed therein.

No. of Pages: 120 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 15/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: TERT BUTYL HYDROPEROXIDE (TBHP) AS A DIESEL ADDITIVE

:C10L1/18,C10L10/02,C10L10/12 (71)Name of Applicant : (51) International classification

(31) Priority Document No :11189416.8 (32) Priority Date

:16/11/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/072877

Filing Date :16/11/2012 (87) International Publication No :WO 2013/072478

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)UNITED INITIATORS GMBH & CO. KG

Address of Applicant :Dr. Gustav Adolph Str. 3 82049 Pullach

Germany

(72)Name of Inventor: 1)GUTEWORT Sven

(57) Abstract:

The invention relates to the use of TBHP as a fuel additive and in particular as an additive for diesel fuel.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : HOUSEHOLD APPLIANCE FOR THE CARE OF LAUNDRY ITEMS WITH A DISPENSING TRAY AND A SUDS CONTAINER

(51) International classification	:D06F39/08,D06F39/02	(71)Name of Applicant:
(31) Priority Document No	:10 2011 089 387.3	1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH
(32) Priority Date	:21/12/2011	Address of Applicant :Carl Wery Str. 34 81739 München Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/075874	1)AYHANER Alper
Filing Date	:18/12/2012	2)BOLDUAN Edwin
(87) International Publication No	:WO 2013/092540	3)RICHTER Kurt
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

The invention relates to a household appliance (1) for the care of laundry items with a dispensing tray (8a) and a suds container (2) which is connected to the dispensing tray (8a) via at least one supply duct (4a 4b) wherein a vapour barrier device (17a 17b) is formed in a curved line section (18a 18b) in the supply duct (4a 4b) wherein a ventilating channel (22) is formed in the line section (18a 18b) and opens into a first end (19) of the line section (18a 18b) and is separated at the first end (19) from a supply channel (21) associated with the vapour barrier device (17a 17b) for supplying liquid medium from the dispensing tray (8a) to the suds container (2).

No. of Pages: 22 No. of Claims: 7

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: COMPACT PVC TUFTING MACHINE TO PRODUCE SMALL MATS.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:D05C15/04 :NA :NA :NA :NA	(71)Name of Applicant: 1)COIR BOARD Address of Applicant: GARIAHAT, 19, SUREN TAGORE ROAD, BALLYGUNGE, P.O. KOLKATA - 700 019 INDIA West Bengal India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)GOPALAN BALACHANDRAN 2)UMA SANKAR SARMA AND THACHANDIKKUZHI ANKAN RAJENDRA BABU 3)PAYANINGAL ABOOBACKER KOYA
(62) Divisional to Application Number Filing Date	:NA :NA	SI A LANINGAE ADOUDACKER ROTA

(57) Abstract:

The present invention relates to a compact PVC tufting unit to produce mats particularly of small size comprising a cutting head to feed yarn into chute, cut plies of yarn from which enter a conveyor belt with PVC film. It is associated with the following advantageous features:- - Compact - Cost effective - Involves much less wastage as compared to prior art. - Requires fewer raw materials. - Faster processing.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : DOSE COMPUTATION FOR RADIATION THERAPY USING HETEROGENEITY COMPENSATED SUPERPOSITION

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
(61) Patent of Addition to Application
(31) Sanitary (100,001,001,001)
(32) Priority Date
(32) Priority Date
(32) Priority Date
(33) Name of priority country
(33) Name of priority country
(34) U.S.A.
(35) PCT/US2012/058345
(37) International Publication No
(36) Patent of Addition to Application
(37) Priority Document No
(38) Priority Date
(39) Priority Date
(30) Priority Date
(31) Priority Date
(32) Priority Date
(33) Name of priority country
(33) Name of priority country
(34) Priority Date
(35) Priority Date
(37) Priority Date
(38) Priority Date
(39) Priority Date
(30) Priority Date
(30) Priority Date
(31) Priority Date
(32) Priority Date
(33) Name of priority country
(34) Priority Date
(35) Priority Date
(36) Priority Date
(37) Priority Date
(38) Priority Date
(39) Priority Date
(40) Priority Date
(41) Priority Date
(41) Priority Date
(42) Priority Date
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(46) Priority Date
(47) Priority Date
(47) Priority Date
(48) Priority Date
(48) Priority Date
(49) Priority Date
(49) Priority Date
(40) Priority Date
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(61) Patent of Addition to Application
Number
:NA
:NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant:

1)THE JOHNS HOPKINS UNIVERSITY

Address of Applicant :3400 North Charles Street Baltimore Maryland

21218 U.S.A.

(72)Name of Inventor:

1)MCNUTT Todd R.

2)JACQUES Robert Allan

(57) Abstract:

A system for radiation therapy includes a radiation planning system. The radiation planning system includes a data processor that is adapted to receive information concerning an intended radiation treatment region of a body receive a calculated initial energy released per unit mass for a plurality of locations within the body compute a radiation dose at a plurality of locations within the radiation treatment region based on the calculated initial energy released per unit mass and including radiation dose contributions due to scattering from other locations within the body and determine radiation therapy parameters for providing radiation treatment to the intended radiation treatment region based on the radiation dose computed at the plurality of locations within the radiation treatment region. Including radiation dose contributions due to scattering from other locations within the body take into account density discontinuities in the body.

No. of Pages: 77 No. of Claims: 36

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : APPARATUS AND METHOD OF A MOBILE TERMINAL USING A DIALOG APPLICATION HAVING A NOTICE FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F9/44,G06F3/14 :1020110121371 :21/11/2011 :Republic of Korea :PCT/KR2012/009601 :14/11/2012 :WO 2013/077587 :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)LEE Ju Young
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(57) Abstract:

According to one embodiment a method for operating a mobile terminal using a dialog application displaying specified content on a specific region of a dialog window. The dialog window is scrolled as dialog content increases. The specified content is fixedly displayed even when the dialog content displayed on the dialog window is scrolled.

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :06/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : HOUSEHOLD APPLIANCE WITH A STORAGE CONTAINER AND AN OXIDISING AGENT GENERATOR AND METHOD FOR THE OPERATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06F39/08,D06F35/00 :10 2011 089 116.1 :20/12/2011 :Germany :PCT/EP2012/075478 :14/12/2012 :WO 2013/092400 :NA :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor: 1)BARRADO FRANCO Antonio 2)HASSE Torsten 3)SCHAUB Hartmut
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(57) Abstract:

The invention relates to a household appliance with a treatment container (1) for receiving objects to be treated a storage container (32) for an aqueous fluid (6) at least one pump (22 35) for conveying the aqueous fluid (6) between the storage container (32) and the treatment container (1) an oxidising agent generator (20) and at least one Venturi nozzle (16 26) wherein a first Venturi nozzle (16) is arranged between the treatment container (1) and the storage container (32) and is connected to the oxidising agent generator (20) and the storage container (32) is connected to the treatment container (1) via a first air channel (38) which can be controlled with a valve (39). The invention further relates to a method for operating said household appliance.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: MEDIUM VOLTAGE SWITCHGEAR COMPRISING TWO SWITCHES PER PHASE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	33/00 :NA :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :of 35, rue Joseph Monier, F-92500 Rueil Malmaison, France (72)Name of Inventor:
(86) International Application No	:NA	1)TRICHON François
Filing Date (87) International Publication No	:NA : NA	2)PATEL Hemantkumar
	:NA	
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57)Abstract: The present invention provides a medium voltage switchgear comprising per phase, two switches A,B, each switch comprising means for performing the disconnection function and means for performing the breaking function. This switchgear is characterized in that it comprises per phase, one single breaking system (2), said breaking system being adapted to be operated, independently relative to each other, by either one or the other of two mechanisms M,N, said mechanisms being operated respectively by said two switches A,B, said switches belonging respectively to two independent medium voltage power electrical circuits C1,C2.

No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application :06/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: MULTILAYER FLEXIBLE ELEMENT PREFERABLY MADE OF WOOD AND RELATED PRODUCTION PROCESS BY LASER ENGRAVING AND/OR CUTTING

(51) International classification :B32B3/14,B32B3/16,B32B7/12 (71)Name of Applicant : (31) Priority Document No. :RM2011A000592 (32) Priority Date :09/11/2011

(33) Name of priority country :Italy

(86) International Application No :PCT/IT2012/000042 Filing Date :07/02/2012 (87) International Publication No :WO 2013/069035

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA 1)MY MANTRA S.R.L.

Address of Applicant :Via dei Gonzaga 148 I 00163 Rome Italy

(72)Name of Inventor: 1)ANTONELLI Marcello 2)ANTONELLI Marta

(57) Abstract:

Multilayer flexible element (10) preferably made of wood and related production process (50) by laser engraving and/or cutting preferably applied in fashion furniture and design industries characterized in that said element is composed of: a layer of rigid material (11) supplied in sheets or plates preferably made of wood; a layer of flexible support material (12) in example a tissue onto which is connected said layer of rigid material (11); means of connection (13) of said layer of rigid material (11) to said layer of flexible support material (12) in example by glue characterized by high elasticity and resistance to temperature changes; a texture in vector graphics (14) which will define the cutting of the workpiece material his flexibility and the consequent modeling and softness; wherein said process (50) comprises the following steps: connection (51) of said layer of rigid material (11) to said layer of flexible support material (12) in example by glue; design (52) of said texture in vector graphics (14) and download into a control system of an industrial device suitable to generate and focus a high power laser beam; engraving (53) and/or cutting of said layer of rigid material (11) guided by the above mentioned texture (14) by fusion and high temperature evaporation caused by a laser beam; in order to make flexible some rigid materials like in example wood and similar materials and suitable as decorative and/or functional elements for covering in fashion furniture and design industries.

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :24/08/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: ENGINE RE-START PREVENTION SYSTEM AND METHOD THEREOF

	:F01D21/06,	(71)Name of Applicant :
(51) International classification	F02C7/262,	1)JCB INDIA LIMITED
	B64D45/00	Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
(31) Priority Document No	:NA	RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA
(32) Priority Date	:NA	AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
(33) Name of priority country	:NA	FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
(86) International Application No	:NA	MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DEVENDRA SINGH
(61) Patent of Addition to Application Number	:NA	2)SANJEEV ARORA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ENGINE RE-START PREVENTION SYSTEM AND METHOD THEREOF Engine re-start prevention system and method thereof comprising a system (100) that prevents engine starting when fuel level/supply is low, wherein, a neutral start relay/electrical switch (105) is de-energized when the fuel level/supply is low, the low level of fuel is sensed by a Fuel Level Sensor installed in the fuel tank, when the fuel level falls below a particular level, the contacts of the low fuel switch (102) get closed, energizing the low fuel restart relay/electrical switch (110) which in turn deenergizes the neutral start relay/electrical switch (105) and hence preventing the engine from being cranked, a low fuel warning of LED light and buzzer is generated by low fuel warning time unit (115).

No. of Pages: 7 No. of Claims: 02

(22) Date of filing of Application :06/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE ELECTRONIC CONTROL OF THE BRAKE FORCE DISTRIBUTION ACCORDING TO THE DIFFERENTIAL SLIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:10 2011 118 130.3 :10/11/2011 :Germany :PCT/EP2012/071498 :30/10/2012 :WO 2013/068281 :NA	(71)Name of Applicant: 1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH Address of Applicant :Moosacher Str. 80 80809 München Germany (72)Name of Inventor: 1)LAUSER Wilfried 2)MUSTAPHA Adnan 3)WEBER Christian
` '		,
(62) Divisional to Application Number Filing Date	:NA :NA	5)WIEDER Gerhard

(57) Abstract:

The invention relates to a method for the electronic control of the brake force distribution according to a differential slip or differential velocity between at least one wheel of the front axle (2) and at least one wheel of the rear axle (8) of a vehicle wherein if a differential slip threshold value or a differential velocity threshold value is exceeded by the differential slip or the differential velocity the brake pressure at the rear axle is limited. According to the invention the differential slip threshold value or the differential velocity threshold value is determined according to the braking demand.

No. of Pages: 19 No. of Claims: 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: SYNTHESIS OF TRIAZOLOPYRIMIDINE COMPOUNDS

(51) International classification :C07D239/56,C07D405/12,C07D487/04 (71)Name of Applicant:

(31) Priority Document No :11186817.0 (32) Priority Date :27/10/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/071252 No

:26/10/2012 Filing Date

(87) International Publication No: WO 2013/060837

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)LEK PHARMACEUTICALS D.D.

Address of Applicant : Verovskova 57 1526 Ljubljana Slovenia

(72)Name of Inventor: 1)ZUPANCIC Borut 2)MARAS Nenad 3)STERK Damjan

(57) Abstract:

The present invention relates to the field of organic synthesis and describes the synthesis of specific triazolopyrimidine compounds and intermediates thereof as well as related derivatives.

No. of Pages: 54 No. of Claims: 21

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: TERMINAL DEVICE FOR GROUNDING DIRECT CURRENT ELECTRICAL COMPONENT

(51) International classification	:H01R4/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LIRETTE Earl A. III
(32) Priority Date	:NA	Address of Applicant :6240 West Park Avenue Houma LA 70364
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2011/058955	(72)Name of Inventor:
Filing Date	:02/11/2011	1)LIRETTE Earl A. III
(87) International Publication No	:WO 2013/066324	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A terminal device used in grounding direct current electrical components such as audio amplifiers having a metal contact plate provided with a first opening sized to receive a securing screw and having a second opening sized to receive a locking screw used to attach the terminal device to a metal member of another structure wherein the first opening is positioned relative to the second opening so that with the securing screw attaching the metal contact plate to a grounding surface the head of the locking screw will contact and apply anti rotational forces against the head of the securing screw when the locking screw is also screwed into the grounding surface.

No. of Pages: 17 No. of Claims: 17

(21) Application No.905/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: MULTI-ORIFICE SPRAY HEAD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05B1/14,B05B11/00,A61M11/06 :13/284,421 :28/10/2011 :U.S.A. :PCT/US2012/062137 :26/10/2012 :WO 2013/063404	(71)Name of Applicant: 1)MEDTRONIC XOMED, INC. Address of Applicant:6743 Southpoint Drive North, Jacksonville, FL 32216-0980 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SHERMAN, Ethan, G. 2)LITTLE, David, J. 3)CHEN, Wei 4)PRISCO, John, R. 5)FRIEND, Matthew, J. 6)MYNTTI, Matthew, F. 7)ZELMER, Tom 8)GODFREY, Cyan 9)ATTRIDE, Roy
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(57) Abstract:

A spray head having multiple openings arranged to provide at spray coverage throughout at least 90 degrees from the spray head central axis. The spray head may be used for applying tissue sealants.

No. of Pages: 13 No. of Claims: 19

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: HIGH SPEED SIGNALING OF POWER SYSTEM CONDITIONS

(57) Abstract:

A high speed signaling device on a branch of an electric power distribution system modulates the signal from the branch and communicates the signal to an intelligent electronic device on a feeder to the branch at speeds sufficient for the intelligent electronic device to modify protection algorithms based on the signal from the high speed signaling device. The intelligent electronic device may be a recloser control that controls protective equipment such as a recloser. The signal may be sent via infrared and/or radio frequency. The signal may be modulated so as to communicate information such as the phase with which it is associated. The high speed signaling device may further communicate current information to the intelligent electronic device.

No. of Pages: 27 No. of Claims: 28

(22) Date of filing of Application :24/08/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: ENGINE SHUT OFF SYSTEM AND METHOD THEREOF

(51) International classification	:B60R25/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JCB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
(33) Name of priority country	:NA	RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA
(86) International Application No	:NA	AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
Filing Date	:NA	FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
(87) International Publication No	: NA	MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GAURAV SHARMA
(62) Divisional to Application Number	:NA	2)DEVENDRA SINGH
Filing Date	:NA	3)SANJEEV ARORA

(57) Abstract:

ENGINE SHUT OFF SYSTEM AND METHOD THEREOF Engine shut off system and method thereof comprising an engine shut off/shut down/closing/turn down/switch off system (100) is configured to shut down the IC engine (105) when fuel level is low, engine shut down condition is achieved by de-energizing the Engine Shut-Off Solenoid/coil/electromagnet/transducer (110) when the fuel level/flow is low, the low level of fuel is sensed by a Fuel Level Sensor Installed in the fuel tank, the fuel level falls below a particular level, the contacts of the low fuel switch (115) get closed, energizing the engine shut off relay/electrical switch (120) thereby switching off the ESOS Solenoid/coil/electromagnet/transducer (110) and shutting the engine off after a fixed amount of time; a warning of light emitting diode (LED) light and Buzzer/sound/noise generator is generated by the timer relay/electrical switch (125) for a fixed amount of time before the engine is shut-off.

No. of Pages: 7 No. of Claims: 02

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: HOT ROLLED STEEL SHEET FOR COLD ROLLING MATERIAL AND METHOD FOR PRODUCING SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46 (71)Name of Applicant : (31) Priority Document No :2011268492

(32) Priority Date :08/12/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/007721 Filing Date :03/12/2012

(87) International Publication No :WO 2013/084458

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number: NA Filing Date :NA

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo

1000011 Japan

(72)Name of Inventor:

1)FUJITA Koichiro 2)TAKAJO Shigehiro

3)KIZU Taro

(57) Abstract:

Provided is a hot rolled steel sheet material making possible low cost production of thin cold rolled steel sheet surface treated cold rolled steel sheet and the like even on a cold rolling mill of low rolling capacity and a method for producing the same. The hot rolled steel sheet for cold rolling material includes in mass % 0.016 0.07% C no more than 0.1% Si 0.05 0.5% Mn no more than 0.03% P no more than 0.03% S 0.02 0.1% Sol.Al no more than 0.005 wt % N 0.0003 0.0030% B no more than 0.004% Ti and no more than 0.003% Nb the remainder having a chemical composition comprising Fe and unavoidable impurities and the average crystal particle size being no greater than 13 µm and the aging index (AI) being no greater than 10 MPa.

No. of Pages: 32 No. of Claims: 3

(21) Application No.1068/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: HIGH YIELD RATIO HIGH STRENGTH COLD ROLLED STEEL SHEET AND METHOD FOR PRODUCING SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46 (71)Name of Applicant :

(31) Priority Document No :2011270933 (32) Priority Date :12/12/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/007720 Filing Date :03/12/2012 :WO 2013/088666

(87) International Publication No

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo

1000011 Japan

(72)Name of Inventor:

1)TAKASHIMA Katsutoshi

2)TOJI Yuki

3)HASEGAWA Kohei

(57) Abstract:

A steel sheet having the following chemical composition in mass%: 0.06 0.13% of C 1.2 2.3% of Si 0.6 1.6% of Mn 0.10% or less of P 0.010% or less of S 0.01 0.10% of Al and 0.010% or less of N the remainder comprising Fe and inevitable impurities. The microstructure of the steel sheet includes in volume fraction 90% or more of ferrite having a mean grain size of less than 20 µm and 1.0 10% of perlite having a mean grain size less than 5 µm. A high yield ratio high strength cold rolled steel sheet of excellent elongation and stretch flangeability where the ferrite has a mean Vickers hardness of 130 or higher the yield ratio is 65% or higher and the tensile strength is 590 MPa or greater.

No. of Pages: 44 No. of Claims: 6

(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR MERGING GEOMETRY BASED SPATIAL AUDIO CODING STREAMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G10L19/00 :11191816.5 :02/12/2011 :EPO :PCT/EP2012/074097 :30/11/2012 :WO 2013/079663 :NA :NA :NA	(71)Name of Applicant: 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant: Hansastraße 27c 80686 München Germany (72)Name of Inventor: 1)DEL GALDO Giovanni 2)THIERGART Oliver 3)HERRE Jürgen 4)KÜCH Fabian 5)HABETS Emanuel 6)CRACIUN Alexandra 7)KUNTZ Achim
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(57) Abstract:

An apparatus for generating a merged audio data stream is provided. The apparatus comprises a demultiplexer (180) for obtaining a plurality of single layer audio data streams wherein the demultiplexer (180) is adapted to receive one or more input audio data streams wherein each input audio data stream comprises one or more layers wherein the demultiplexer (180) is adapted to demultiplex each one of the input audio data streams having one or more layers into two or more demultiplexed audio data streams having exactly one layer such that the two or more demultiplexed audio data streams together comprise the one or more layers of the input audio data stream. Furthermore the apparatus comprises a merging module (190) for generating the merged audio data stream having one or more layers based on the plurality of single layer audio data streams. Each layer of the input data audio streams of the demultiplexed audio data streams of the single layer data streams and of the merged audio data stream comprises a pressure value of a pressure signal a position value and a diffuseness value as audio data.

No. of Pages: 109 No. of Claims: 18

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: PROCESS FOR PREPARING JET FUEL FROM MOLECULES DERIVED FROM BIOMASS

:C07C2/50,C07C2/52,C07C4/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TOTAL MARKETING SERVICES :1159153 (32) Priority Date :11/10/2011 Address of Applicant :24 Cours Michelet F 92800 Puteaux France (33) Name of priority country (72)Name of Inventor: :France (86) International Application No :PCT/EP2012/070035 1)MAZURELLE Jean Filing Date :10/10/2012 (87) International Publication No :WO 2013/053740 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

232The invention relates to a process for preparing jet fuel or jet fuel precursors which comprises the treatment of a charge derived from biomass the said charge comprising at least one compound chosen from terpenes of formula [CH=C(CH)CH=CH]n in which n is an integer of from 2 to 12 the carbon chain of which is linear cyclic or branched or cyclic or branched terpenes as defined previously which have been chemically modified by oxidation and/or rearrangement of the carbon backbone the said process comprising a cycloaddition step (i) followed by a cracking and hydrogenation step (ii).

No. of Pages: 27 No. of Claims: 10

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CUTTING TOOL AND METHOD FOR EXTRACTING CUTTING INSERT THEREFROM

:B23B27/04,B23B29/04,B23D61/16 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/582763 1)ISCAR LTD. (32) Priority Date :03/01/2012 Address of Applicant :P.O. Box 11 24959 Tefen Israel (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IL2012/050509 1)HECHT Gil Filing Date :05/12/2012 (87) International Publication No :WO 2013/102893 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A cutting tool (20 120) used for grooving and turning has a cutting insert (22 122) removably secured in a holder blade (24 124). The cutting insert (22 122) includes an insert passage (38) having an insert passage axis (Ax) and the holder blade (24 124) includes a holder passage (66) having holder passage axis (Ah). When the cutting insert (22 122) is resiliently clamped in the holding portion (58) and located in a rearmost position a passage plane (PI) containing the holder and insert passage axes (Ai Ah) forms a first angle with a main plane (P2) perpendicular to the insert longitudinal axis (A) and containing the insert passage centre point (Ci) where the first angle is less than or equal to 60°. The cutting insert (22 122) can be extracted from the cutting tool (20 120) by positioning first and second engagement portions (82 84) of an extraction key (26) simultaneously in the holder and insert passages (38 66) respectively and rotating the extraction key (26).

No. of Pages: 22 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(12) TATELYT ALTERETHOTY TO BEIGHTIC

(21) Application No.1054/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SWITCHING DEVICE TRIPPING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:10 2011 087 651.0 :02/12/2011 :Germany :PCT/EP2012/072686 :15/11/2012 :WO 2013/079329 :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)HILKER Thomas 2)DUWE Oliver
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a switching device tripping apparatus for a switching device (1) has contact pieces (2 3) that can be moved relative to one another. Relative motion between the contact pieces (2 3) is generated by means of a transmission assembly. The transmission assembly has a pawl (7) in order to control motion of the contact pieces (2 3) relative to each other. A first and a second tripping means (11 12) are provided which work against the same pawl (7) and drive the same pawl (7).

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :04/12/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : AN ATTACHMENT ASSEMBLY AND A METHOD OF GRIPPING AND LIFTING PIPE THEREOF FOR THE PICK AND CARRY CRANES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Substitute	Address of Applicant: 6, UDAYACHAL, 2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH 121004, HARYANA, INDIA West Bengal India (72)Name of Inventor: 1)NAVNEET GOYAL 2)JAGJEET BAJWA
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(57) Abstract:

AN ATTACHMENT ASSEMBLY AND A METHOD OF GRIPPING AND LIFTING PIPE THEREOF FOR THE PICK AND CARRY CRANES An attachment assembly and a method of gripping and lifting pipe thereof for the pick and carry cranes comprising an attachment assembly working on the principle of balancing of centre of gravity, characterized in that having contoured main side plates (1,2) forming box section of minimum four metal plates (3,4,5,6) and minimum one box section (7) is formed with the help of metal plates, a butt plate (8) is fixed at the U section of main plates (1,2) with the help of two metallic strips (9,10) to enable it to take the side load, minimum one carriage plate (11) with minimum two slots (12) is attached with main plates, the slots on carriage plate are equally spaced and the carriage hook (13) with minimum one slot can be engaged with carriage plate, if it is having two slot then, one, end of this can be adjusted with carriage plate and other can be hooked with the pick and carry crane, backhoe loader or excavator during the process of lifting.

No. of Pages: 12 No. of Claims: 03

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2014

(21) Application No.919/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ROTOR OF AN ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1159964 :03/11/2011 :France :PCT/IB2012/056053 :31/10/2012 :WO 2013/064998 :NA	(71)Name of Applicant: 1)MOTEURS LEROY SOMER Address of Applicant: Boulevard Marcellin Leroy CS10015 F 16000 Angoulême France (72)Name of Inventor: 1)VOHLGEMUTH Patrick
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rotor (1) of a rotary electric machine in particular for a flux switching or wound rotor machine comprising a mounting for installing the rotor on a shaft and a plurality of magnetic sectors preferably in the form of a strip attached to the mounting.

No. of Pages: 15 No. of Claims: 22

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METHANOL SYNTHESIS CATALYST ON THE BASIS OF COPPER ZINC AND ALUMINUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J23/72,B01J23/80,C07C29/154 :10 2011 086 451.2 :16/11/2011 :Germany :PCT/EP2012/071581 :31/10/2012 :WO 2013/072197 :NA :NA	(71)Name of Applicant: 1)CLARIANT PRODUKTE (DEUTSCHLAND) GMBH Address of Applicant: Brüningstrasse 50 65929 Frankfurt/Main Germany (72)Name of Inventor: 1)BEHRENS Malte 2)KNIEP Benjamin 3)KURR Patrick 4)SCHLÖGL Robert 5)HIEKE Martin
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(57) Abstract:

The present invention relates to a catalyst precursor material comprising oxides and carbonates of copper zinc and aluminium wherein Cu and En are present together in a greater molar amount than aluminum and said carbonates and oxides form a homogeneous phase as well as the catalyst material resulting from the reduction of this precursor. The catalyst material comprises discrete crystalline Cu particles partly embedded in a continuous homogeneous phase comprising oxides and carbonates of at least Zn and Al wherein in said catalyst material Cu and Zn are present together in a greater molar amount than aluminum and preferably the molar ratio of Cu and Zn is 0 5/1 to less than 2.8/1 and the Al content is 1 to 30 ¾ by mol based on all metal constituents. The invention also pertains to a specific method of making this catalyst. The catalyst shows an excellent performance and stability in the synthesis of methanol from synthesis gas.

No. of Pages: 51 No. of Claims: 17

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR GENERATING FEEDBACK IN A COMMUNICATION SYSTEM

(51) International classification	:H04J11/00,H04B7/26	(71)Name of Applicant:
(31) Priority Document No	:1020110102118	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:06/10/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si
(33) Name of priority country	:Republic of Korea	Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/008078	(72)Name of Inventor:
Filing Date	:05/10/2012	1)LEE Hyo Jin
(87) International Publication No	:WO 2013/051884	2)KIM Youn Sun
(61) Patent of Addition to Application Number	:NA	3)LEE Ju Ho
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and an apparatus are provided for generating feedback in a communication system. The method includes receiving information about first Evolved Node Bs (ENBs) and a threshold for the first ENBs which are powered off at a specific time; measuring a channel status for each of second ENBs which are subject to channel status measurement; selecting a third ENBhaving an optimal channel status from among the second ENBs based on the measured channel statuses; generating first feedback information including a cell index and channel status information for the third ENB; measuring a channel status for each of thesecond ENBs while the first ENBs are powered off; selecting a fourth ENB having an optimal channel status from among the second ENBs based on the measured channel statuses; and generating second feedback information including a cell index and channel status information for the fourth ENB.

No. of Pages: 27 No. of Claims: 10

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INDEXABLE CUTTING INSERT AND CUTTING TOOL THEREFOR

:B23B27/04,B23B27/16,B23B29/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/570369 1)ISCAR LTD. Address of Applicant :P.O. Box 11 24959 Tefen Israel (32) Priority Date :14/12/2011 (33) Name of priority country (72)Name of Inventor: :U.S.A. 1)HECHT Gil (86) International Application No :PCT/IL2012/050463 Filing Date :19/11/2012 (87) International Publication No :WO 2013/088433 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A cutting tool assembly (10) includes a cutting tool (12) and an indexable cutting insert (14) having an insert index axis (Q; fig 1C). The cutting insert (14) includes parallel insert first and second sides (22A 22B; fig 2B) connected by an insert peripheral surface (24; fig 2B) that extends peripherally around the cutting insert (14). At least one clamping hole (26; fig 2B) opens out to one or both of the insert first and second sides (22A 22B) and at least a portion of the clamping hole (24) is in a clamping region (CL; fig 1C) of the cutting insert (14). The insert peripheral surface (24) includes cutting edges (18 fig 1C) that are spaced apart and extend from the insert first side (22A) to the insert second side (22B). Along a width direction (Dw; fig 2B) which is perpendicular to the insert first and second sides (22A 22B) each of the cutting edges (18) is wider than the cutting insert (14) at least at the cutting region (CU; fig 1C) of the cutting insert (14).

No. of Pages: 35 No. of Claims: 36

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: EFFICIENT MULTI VIEW CODING USING DEPTH MAP ESTIMATE AND UPDATE

(51) International classification :H04N7/26,H04P (31) Priority Document No :61/558651 (32) Priority Date :11/11/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2012/072299

Filing Date :09/11/2012 (87) International Publication No :WO 2013/068547

(61) Patent of Addition to Application

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

:H04N7/26,H04N7/36,H04N7/32 (71)Name of Applicant :

1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Address of Applicant : Hansastraße 27c 80686 München Germany

(72)Name of Inventor: 1)SCHWARZ Heiko 2)WIEGAND Thomas

(57) Abstract:

The missing of a depth map for a current picture of a reference view due to the transmission thereof being not anticipated anyway or due to the preferred coding order between a texture/picture and its depth map or due an anticipated discarding of depth data from the bitstream during transmission or decoding may be adequately addressed so as to reduce inter view redundancies by estimating a depth map for the pictures of the reference and dependent views and updating same using motion and/or disparity data signaled within the multi view data stream. In particular virtually all multi view data streams have random access points defined therein i.e. time instances corresponding to pictures of the views of the multi view signal which are coded without temporal prediction and other dependencies to previously coded pictures but merely using intra prediction as far as the reference view is concerned and intra prediction as well as disparity based prediction as far as the dependent view is concerned. Accordingly the disparity data signaled within the multi view data stream for inter view prediction is exploited to initialize a depth map estimate for the dependent view and this primary depth map estimate is consecutively updated during the further course of the multi view coding using motion data and/or disparity data signal within the multi view data stream. The thus obtained depth map estimate continuously updated enables the dependent various methods of inter view redundancy reduction to be performed in a more efficient way than without having access to this depth map estimate. According to another aspect the following discovery is exploited: the overhead associated with an enlarged list of motion predictor candidates for a block of a picture of a dependent view is comparatively low compared to a gain in motion vector prediction quality resulting from an adding of a motion vector candidate which is determined from an in disparity compensated sense colocated block of a reference view.

No. of Pages: 69 No. of Claims: 22

(21) Application No.957/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

$(54) \ Title\ of\ the\ invention: COATING\ COMPOSITIONS\ FOR\ INORGANIC\ CASTING\ MOLDS\ AND\ CORES\ COMPRISING\ FORMIC\ ACID\ ESTERS\ AND\ USE\ THEREOF$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B22C3/00,B22C9/12,B22C9/18 :10 2011 115 024.6 :07/10/2011 :Germany :PCT/DE2012/000973 :05/10/2012 :WO 2013/050023	(71)Name of Applicant: 1)ASK CHEMICALS GMBH Address of Applicant: Reisholzstrasse 16 18 40721 Hilden Germany (72)Name of Inventor: 1)KLOSKOWSKI Michael 2)WACHTARCZYK Peter 3)WALLENHORST Carolin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The subject matter of the invention relates to coating compositions comprising formic acid esters an aqueous carrier liquid and pulverulent refractory material and to the use thereof for casting molds in particular those produced using water glass as a binder.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :05/05/2014

(43) Publication Date : 09/10/2015

(54) Title of the invention: A ROTATING BARREL CARBURETTOR

(31) Priority Document No :1120 (32) Priority Date :28/1 (33) Name of priority country :U.K. (86) International Application No :PCT Filing Date :27/1 (87) International Publication No :WO (61) Patent of Addition to Application Number Filing Date :NA	Г/GB2012/000867 11/2012 0 2013/079899 (72)Name of Inventor : 1)LAWES Keith	
(62) Divisional to Application Number :NA Filing Date :NA		

(57) Abstract:

A carburettor incorporating an air passage (5) and a fuel passage (3) and a rotating barrel (4) the rotating barrel (4) being arranged between the air passage (5) and the fuel passage (3) so that a first portion of its surface is exposed to the air passage (5) and a second portion of its surface is exposed to the fuel passage (3). The rotation of the barrel (4) transfers fuel from fuel passage (3) to the air passage (5) via an indent feature (6) the proportion of that indent feature 6 that is exposed to the air or fuel passage being varied to meter the amount of fuel transferred.

No. of Pages: 22 No. of Claims: 16

(21) Application No.959/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: FERRITIC STAINLESS STEEL

(51) International classification	:C22C38/00,C22C38/50,C22C38/60	(71)Name of Applicant:
(31) Priority Document No	:2011261799	1)JFE STEEL CORPORATION
(32) Priority Date	:30/11/2011	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1000011 Japan
(86) International Application No	:PCT/JP2012/007593	(72)Name of Inventor:
Filing Date	:27/11/2012	1)FUKUDA Kunio
(87) International Publication No	:WO 2013/080518	2)SAMUKAWA Takashi
(61) Patent of Addition to	:NA	3)OTA Hiroki
Application Number	:NA	4)ISHII Tomohiro
Filing Date	.NA	5)OGATA Hiroyuki
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.NA	

(57) Abstract:

Provided is a ferritic stainless steel with excellent corrosion resistance and surface quality in a welded portion when austenitic stainless steel is welded to the ferritic stainless steel. The ferritic stainless steel with excellent corrosion resistance and surface quality in a welded portion is characterized in containing by mass 0.003 0.012% C 0.30 0.60% Si 0.10 0.35% Mn no more than 0.040% P no more than 0.020% S 17.0 19.0% Cr more than 0.10% and up to 0.30% Ni 0.10 0.40% Ti from 0.005% to less than 0.050% Nb 0.20% Mo 0.005 0.015% N 0.3 0.5% Cu and less than 0.0005% Mg; the remainder comprising Fe and unavoidable impurities.

No. of Pages: 55 No. of Claims: 5

(22) Date of filing of Application :05/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING FEEDBACK INFORMATION IN A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04B7/04,H04J11/00	(71)Name of Applicant :
(31) Priority Document No	:61/546294	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:12/10/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si 443
(33) Name of priority country	:U.S.A.	742 Republic of Korea
(86) International Application No	:PCT/KR2012/008319	(72)Name of Inventor:
Filing Date	:12/10/2012	1)LEE Hyo Jin
(87) International Publication No	:WO 2013/055152	2)KIM Youn Sun
(61) Patent of Addition to Application Number	:NA	3)KIM Ki II
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
,		

(57) Abstract:

A method and apparatus for transmitting feedback information by a User Equipment (UE) in a mobile communication system are provided. The method includes receiving information about at least one Channel State Information Reference Signal (CSI RS); performing channel estimation based on the information about at least one CSI RS; receiving information about at least one feedback; and transmitting at least one feedback including a channel estimation result using the information about at least one feedback wherein the information about at least one feedback includes information about a transmission timing and a feedback mode for at least one feedback.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :05/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: METAL PHOSPHATE CONTAINING MANGANESE AND METHOD FOR ITS PRODUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:10 2011 056 816.6 :21/12/2011 :Germany :PCT/EP2012/076669 :21/12/2012 :WO 2013/093014	(71)Name of Applicant: 1)CHEMISCHE FABRIK BUDENHEIM KG Address of Applicant:Rheinstraße 27 55257 Budenheim Germany (72)Name of Inventor: 1)BÜHLER Gunnar 2)GRAF Christian 3)JAZDANIAN Andreas 4)SCHWARZ Kilian
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:WO 2013/093014 :NA :NA :NA	3)JAZDANIAN Andreas 4)SCHWARZ Kilian 5)RAPPHAHN Michael
Filing Date	:NA	

(57) Abstract:

No. of Pages: 38 No. of Claims: 21

³⁴²²xy3422Monometallic phosphate containing manganese (Mn) of the type Mn(PO) \cdot 3 HO or mixed metallic phosphate of the type (Mn Met)(PO) \cdot 3 HO wherein x + y = 1 and Met represents one or multiple metals selected from

Fe Co Ni Sc Ti V Cr Cu Zn Be Mg Ca Sr Ba AI Zr Hf Re Ru La Ce Pr Nd Sm Eu Gd Tb Dy Ho Er Tm Yb and Lu characterised in that the phosphate in the powder x ray diffraction diagram has peaks at 10.96 ± 0.05 12.78 ± 0.17 14.96 ± 0.13 17.34 ± 0.15 18.98 ± 0.18 21.75 ± 0.21 22.07 ± 0.11 22.97 ± 0.10 25.93 ± 0.25 26.95 ± 0.30 27.56 ± 0.10 29.19 ± 0.12 29.84 ± 0.21 30.27 ± 0.12 34.86 ± 0.21 35.00 ± 0.20 35.33 ± 0.30 35.58 ± 0.10 35.73 ± 0.12 42.79 ± 0.45 43.37 ± 0.45 44.70 ± 0.15 and 44.93 ± 0.20 degree two Theta based on CuKa radiation.

(21) Application No.895/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: METHOD FOR PRODUCING TETRAHALOSILANES

(51) International classification	:C01B33/107	(71)Name of Applicant :
(31) Priority Document No	:10 2011 117 111.1	1)SPAWNT PRIVATE S.A.R.L.
(32) Priority Date	:27/10/2011	Address of Applicant:16 rue Jean lAveugle L 1148 Luxembourg
(33) Name of priority country	:Germany	Luxembourg
(86) International Application No	:PCT/EP2012/071290	(72)Name of Inventor:
Filing Date	:26/10/2012	1)AUNER Norbert
(87) International Publication No	:WO 2013/060863	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

4244A method for producing tetrahalosilanes (SiX) (X = halogen especially Cl F) from processed rock masses containing highly viscous hydrocarbons and SiO and/or silicates or from the residual masses accumulating in the preparation is described. In the first variant of the method the masses are heated in a flow of hydrogen halide and the resultant (SiX) is collected and distilled. In the second variant hydrogen fluoride (HF) and/or alkali or alkaline earth fluoride and sulfuric acid are added to the masses and the resultant (SiX) is collected and distilled. The method is characterized by an especially high efficiency since the carbon that is present in the raw materials or residual masses is effectively used as a reducing agent or energy source.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :24/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: USE OF N N (DIMETHYL) URONS AND METHOD FOR CURING EPOXY RESIN COMPOSITIONS

(51) Intomotional alassification	·C09C50/40	(71)No
(51) International classification	:C08G59/40	(71)Name of Applicant:
(31) Priority Document No	:10 2011 118 760.3	1)ALZCHEM AG
(32) Priority Date	:15/11/2011	Address of Applicant :Dr. Albert Frank Straße 32 83308 Trostberg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/072593	(72)Name of Inventor:
Filing Date	:14/11/2012	1)EICHHORN Torsten
(87) International Publication No	:WO 2013/072356	2)WINKLER Claudia
(61) Patent of Addition to Application Number	:NA	3)EBNER Martin
Filing Date	:NA	4)KRIMMER Hans Peter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the use of bis or multifunctional N N (dimethyl) urons as curing agents for curing epoxy resin compositions in a controlled manner

No. of Pages: 33 No. of Claims: 12

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CHANNEL SPACING DETERMINATION FOR CARRIER AGGREGATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/556392 :07/11/2011 :U.S.A. :PCT/SE2012/051176 :30/10/2012 :WO 2013/070149 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)KAZMI Muhammad 2)LARSSON Magnus 3)QUESETH Olav
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

It is presented a method for obtaining a capability of channel spacing between component carriers used in carrier aggregation for a user equipment UE. The method is performed in a network node and comprises the step of: determining from a plurality of alternatives the capability of channel spacing for the UE based on signalling between the UE and the network node the channel spacing capability comprising at least one of the alternatives of: a multiple of 300 kHz a multiple of 15 kHz and any other channel spacing. A corresponding network node and UE are also presented.

No. of Pages: 46 No. of Claims: 27

(21) Application No.966/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: DEVICE TO PREHEAT A TAPE AND CONNECTED METHOD OF APPLICATION

(51) International classification (31) Priority Document No :MI2011A001835 (32) Priority Date :07/10/2011

(33) Name of priority country :Italv

(86) International Application No :PCT/IB2012/001976 Filing Date :04/10/2012

(87) International Publication No :WO 2013/050864

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number:NA Filing Date

:B29C65/18,B65B51/16,B65B9/04 (71)Name of Applicant :

1)I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A. Address of Applicant :Via Emilia 428/442 I 40064 Ozzano dellEmila

(72)Name of Inventor:

1)MENZOLINI Massimo

(57) Abstract:

A device (10) to preheat a tape for sealing containing compartments with a sealing tape (14) operates intervening by heating and tensioning a sealing tape (14) by means of a panel (17).

No. of Pages: 14 No. of Claims: 15

(21) Application No.967/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHODS PROVIDING PACKET COMMUNICATIONS INCLUDING JITTER BUFFER EMULATION AND RELATED NETWORK NODES

(32) Priority Date :NA Address of Applicant :S 164 83 Stockholm Sweden (72) Name of Inventor : (86) International Application No :PCT/SE2011/051204 Filing Date :07/10/2011 :NA :PCT/SE2013/051975 (87) International Publication No :WO 2013/051975 :NA :NA :PU Jing (88) International Publication No :WO 2013/051975 :NA :NA :PU Jing (89) Divisional to Application Number :NA	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :PCT/SE2011/051204 :07/10/2011 :WO 2013/051975 :NA :NA	(72)Name of Inventor: 1)BERTZE sa 2)KUIVINEN Fredrik 3)DA SILVA Icaro L. J.
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(57) Abstract:

Packet communications may be provided over a wireless channel between a radio network node and a wireless terminal. The wireless terminal may include a jitter buffer configured to reduce jitter resulting from different delays of data packets received at the wireless terminal. Operation of the jitter buffer for the wireless terminal may be emulated responsive to data packet transmissions from the radio network node to the wireless terminal. Responsive to emulating operation of the jitter buffer for the wireless terminal a parameter of emulated operation of the jitter buffer may be provided including at least one of an emulated late packet loss occurrence an emulated time scaling occurrence an emulated jitter buffer fill level and/or an emulated jitter buffer fill level threshold. Related network nodes are also discussed.

No. of Pages: 43 No. of Claims: 21

(21) Application No.901/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: COATING \ COMPOSITIONS \ FOR \ INORGANIC \ CASTING \ MOULDS \ AND \ CORES \ AND \ USE \ THEREOF \ AND \ METHOD \ FOR \ SIZING$

(51) International classification	:B22C3/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011 114 626.5	1)ASK CHEMICALS GMBH
(32) Priority Date	:30/09/2011	Address of Applicant :Reisholzstrasse 16 18 40721 Hilden Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/DE2012/000952	1)KLOSKOWSKI Michael
Filing Date	:01/10/2012	2)WACHTARCZYK Peter
(87) International Publication No	:WO 2013/044904	3)WALLENHORST Carolin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to coating compositions comprising specific clays an aqueous carrier fluid and refractory materials in powder form and to the use thereof for casting moulds and cores in particular those that are produced using water glass as a binder. The invention further relates to a method for producing the sizing agents and for applying same to inorganically bound casting moulds and cores.

No. of Pages: 24 No. of Claims: 14

(22) Date of filing of Application :06/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: METHOD FOR SEPARATING COMPONENTS IN NATURAL OIL

:B01D43/00,C11B7/00,C11C3/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/297115 (32) Priority Date :15/11/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/061251 Filing Date :17/11/2011 (87) International Publication No :WO 2013/074108

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number: NA Filing Date

1) ENGINEERING RESEARCH ASSOCIATES INC.

Address of Applicant :4712 Commercial Dr. NW Huntsville AL

35816 U.S.A.

(72)Name of Inventor: 1)SONG Yongsheng

(57) Abstract:

Different components of natural oils are separated by forming solid complexes of components of the natural oil with a solvent and then separating the solid complexes from the remaining liquids. The natural oil is cooled in the presence of a solvent and at least one component of the oil forms the solid complex with the solvent. This solid complex is separated from the remaining liquid portion of the oil solution which also contains the solvent. Additional options concentration steps can further concentrate the components left in the liquid phase.

No. of Pages: 42 No. of Claims: 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application:19/05/2014

(21) Application No.1048/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ORGANIC SEMICONDUCTORS

(51) International classification	:C07D495/22	(71)Name of Applicant:
(31) Priority Document No	:11008425.8	1)MERCK PATENT GMBH
(32) Priority Date	:20/10/2011	Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/003980	(72)Name of Inventor:
Filing Date	:24/09/2012	1)WANG Changsheng
(87) International Publication No	:WO 2013/056775	2)TIERNEY Steven
(61) Patent of Addition to Application Number	:NA	3)DLAVARI Mansoor
Filing Date	:NA	4)NANSON Lana
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to novel organic semiconducting compounds containing one or more dithieno[2 3 b:7 8 b] s indaceno[1 2 b:5 6 b] dithiophene (IDTT) units that are functionalised at the 6 12 positions with electron withdrawing groups and are optionally substituted at the 3 9 positions with solubilising groups to methods for their preparation and educts or intermediates used therein to polymers blends mixtures and formulations containing them to the use of the compounds polymers polymer blends mixtures and formulations as semiconductors in organic electronic (OE) devices especially in organic photovoltaic (OPV) devices and organic photodetectors (OPD) and to OE OPV and OPD devices comprising these compounds polymers polymer blends mixtures or formulations.

No. of Pages: 105 No. of Claims: 27

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: ASSEMBLY METHOD FOR A WINDOW OF A RAIL VEHICLE AND RAIL VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B61D25/00 :GM 627/2011 :18/11/2011 :Austria :PCT/EP2012/072571 :14/11/2012 :WO 2013/072343 :NA :NA	(71)Name of Applicant: 1)KNORR BREMSE GESELLSCHAFT MIT BESCHR,NKTER HAFTUNG Address of Applicant :Beethovengasse 43 45 A 2340 Mödling Austria (72)Name of Inventor: 1)TAZREITER Andreas
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rail vehicle which comprises a wall (1)/a door with an opening arranged therein and a window pane (3) arranged in the opening. The rail vehicle further comprises a clamping frame (15) which is inserted into said opening which is mounted ahead of the window pane (3) and which has a region of overlap with the window pane (3) on the plane of the wall (1)/the door. The invention further relates to a method for assembling a window pane (3) in an opening of a wall (1)/a door of a rail vehicle wherein the window pane (3) and a clamping frame (15) are inserted into said opening said clamping frame (15) being mounted ahead of the window pane (3) and having a region of overlap with said window pane on the plane of the wall (1)/the door.

No. of Pages: 21 No. of Claims: 10

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: METHOD \ AND \ APPARATUS \ FOR \ TRANSMITTING \ AND \ RECEIVING \ SIGNAL \ IN \ DISTRIBUTED \ ANTENNA \ SYSTEM$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1020110100162 :30/09/2011 :Republic of Korea	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)KIM Youn Sun 2)LEE Hyo Jin 3)CHO Joon Young 4)KIM Ki II 5)LEE Ju Ho
(62) Divisional to Application Number Filing Date	:NA :NA	5)LEE Ju Ho

(57) Abstract:

An apparatus and method for transmitting and receiving a signal in a Distributed Antenna System (DAS) is provided. A method for determining an initial state in a DAS includes receiving a value through high level signalling and determining an initial state based on the value in which the value includes a value in which is set an initial state of a scrambling sequence which differs according to a transmission point.

No. of Pages: 40 No. of Claims: 14

(22) Date of filing of Application :06/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: ADJUSTMENT DEVICE FOR A DISK BRAKE

(57) Abstract:

The invention relates to an adjustment device (1) for adjusting the wear of brake linings and a brake disk of a disk brake in particular a pneumatically actuated disk brake comprising a brake application device actuated by a rotary lever which brake application device preferably can be inserted into an adjusting spindle of the disk brake and can be attached to a brake caliper of the disk brake by means of a mounting disk. According to the invention said adjustment device is provided with a spindle and at least one friction pairing each friction pairing having two contact surfaces. The at least one friction pairing has a curved cross section of at least one of the contact surfaces (17).

No. of Pages: 21 No. of Claims: 11

(22) Date of filing of Application :24/08/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD FOR DAMPENING THE SHOCKS WITH AN APPARATUS HAVING AUTOMATIC RIDE CONTROL SYSTEM BY SWITCHING LOGIC

	:F16F9/00,	(71)Name of Applicant:
(51) International classification	B60G17/08,	1)JCB INDIA LIMITED
(51) international classification	B60G17/015,	Address of Applicant :6, UDAYACHAL, 2ND FLOOR, 9,
	F16F9/	RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA
(31) Priority Document No	:NA	AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND
(32) Priority Date	:NA	FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIVEK SINGH
(87) International Publication No	: NA	2)ROOPAK SHARMA
(61) Patent of Addition to Application Number	:NA	3)SANJEEV ARORA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for dampening the shocks with an apparatus having automatic ride control system. More particularly the present invention relates to an apparatus with a hydraulic system which have the improved ride control system. Still more particularly, this present invention also relates to an apparatus having a dampening the shocks in a construction industry vehicle with front end loader.

No. of Pages: 18 No. of Claims: 04

(43) Publication Date: 09/10/2015

(19) INDIA

(22) Date of filing of Application :26/04/2014

(54) Title of the invention: A SKELETAL METHOD AND ARRANGEMENT UTILIZING ELECTROMAGNETIC WAVES

(71)Name of Applicant: :A61B8/08,A61B5/00 (51) International classification 1)OSCARE MEDICAL OY (31) Priority Document No :20110378 Address of Applicant : Äyritie 22 FI 01510 Vantaa Finland (32) Priority Date :01/11/2011 (72)Name of Inventor: (33) Name of priority country :Finland 1)MOILANEN Petro (86) International Application No :PCT/FI2012/051053 2)TIMONEN Jussi Filing Date :31/10/2012 3)KILAPPA Vantte (87) International Publication No :WO 2013/064740 4)KARPPINEN Pasi (61) Patent of Addition to Application Number :NA 5)HAEGGSTRÖM Edward Filing Date :NA 6)KARPPINEN Timo (62) Divisional to Application Number :NA 7)ZHAO Zuomin Filing Date :NA 8)MYLLYLÄ Risto

(57) Abstract:

The object of the invention is a skeletal method utilizing electromagnetic waves for at least one of skeletal actuation skeletal detection and skeletal therapy. In the method at least one of first and second method steps is performed where in the first method step at least one mechanical wave is generated by means of electromagnetic waves at at least one generation location into the skeleton (107) through soft tissue (105). In the second method step skeletal vibrations due to at least one mechanical wave are detected by means of electromagnetic waves they are recorded at at least one recording location to form mechanical wave information and the distance of said at least one recording location from said at least one generation location is known and further in the second method step is determined skeletal properties based on at least one recorded signal.

No. of Pages: 32 No. of Claims: 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.980/KOLNP/2014 A

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: FLUX SWITCHING MACHINE

(51) International classification	:H02K1/16,H02K19/12,H02K19/26	(71)Name of Applicant:
(31) Priority Document No	:1160278	1)MOTEURS LEROY SOMER
(32) Priority Date	:10/11/2011	Address of Applicant :Boulevard Marcellin Leroy CS10015 F 16000
(33) Name of priority country	:France	Angouleme France
(86) International Application No	:PCT/IB2012/056235	(72)Name of Inventor:
Filing Date	:07/11/2012	1)MANFE Philippe
(87) International Publication No	:WO 2013/068947	2)GAUSSENS Benjamin
(61) Patent of Addition to Application	on _{.N.A}	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.NA	

(57) Abstract:

The present invention relates to a flux switching machine comprising a stator having phase windings and field coils wherein in said machine at least one field coil (+ E) is arranged in a pair of notches (3 4) separated by at least three teeth (5 6 7).

No. of Pages: 13 No. of Claims: 11

(21) Application No.974/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: DISCHARGE METHOD AND DISCHARGE DEVICE FOR DISCHARGING AN AT LEAST PARTIALLY FLEXIBLE CONTAINER WITHOUT CONTAMINATION

(51) International classification :B65B1/28,B65B69/00,B65G69/18 (71)Name of Applicant : (31) Priority Document No :10 2011 086 278.1 (32) Priority Date :14/11/2011 (33) Name of priority country :Germany :PCT/DE2012/100346 (86) International Application No Filing Date :13/11/2012 (87) International Publication No :WO 2013/071924 (61) Patent of Addition to Application :NA Number

:NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)FLECOTEC AG

Address of Applicant : Hauptstr. 83 79379 Müllheim Germany

(72)Name of Inventor: 1)UNTCH Günter 2)LAIS Peter 3)KOCH Martin

(57) Abstract:

The invention relates to a discharge method for discharging an at least partially flexible container without contamination in which method the container (1) is discharged into a base body (10) a liner (20) that encloses a filling opening (11) of the base body (10) being secured to the base body (10). According to the invention a filling end (21) of the liner (20) is folded inwards such that a receiving region forms for the container (1). The receiving region is sealed in such a manner that a discharge opening formed by means of a knife (15) allows the container (1) to be discharged whilst being completely sealed off to the exterior.

No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :24/08/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention : APPARATUS WITH A HYDRAULIC SYSTEM HAVING IMPROVED RIDE CONTROL SYSTEM AND METHOD FOR DAMPENING THE SHOCKS USING PRESSURE SWITCH METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B60G 17/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)JCB INDIA LIMITED Address of Applicant:6, UDAYACHAL, 2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE,
Filing Date	:NA	MATHURA ROAD, NEW DELHI-110044, INDIA West Bengal India
(87) International Publication No		(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VIVEK SINGH
Filing Date	:NA	2)ROOPAK SHARMA
(62) Divisional to Application Number	:NA	3)SANJEEV ARORA
Filing Date	:NA	

(57) Abstract:

APPARATUS WITH A HYDRAULIC SYSTEM HAVING IMPROVED RIDE CONTROL SYSTEM AND METHOD FOR DAMPENING THE SHOCKS USING PRESSURE SWITCH METHOD Apparatus with a hydraulic system having improved ride control system and method for dampening the shocks using pressure switch method comprises the ride control system solenoids, SI and S2, are switched ON, the piston end of the lift ram gets connected to the accumulator through the spool connected to solenoid S1 and the rod end of the lift ram gets connected to the tank through the spool connected to solenoid S2 as shown in the diagram facilitating absorption of shocks inside the accumulator the oil present in the piston end is free to move the accumulator membrane up and down in the absence of pressure from the rod end the solenoids are switched off, the accumulator and tank line are cut-off from the system and the ride control system stops working.

No. of Pages: 19 No. of Claims: 05

(21) Application No.979/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: FLUX SWITCHING ELECTRICAL MACHINE

(51) International classification :H02K19/12,H02K19/26,H02K1/16 (71)Name of Applicant : (31) Priority Document No 1)MOTEURS LEROY SOMER :1160283 (32) Priority Date :10/11/2011 Address of Applicant :Boulevard Marcellin Leroy CS10015 F 16000 (33) Name of priority country Angouleme France :France (86) International Application No :PCT/IB2012/056253 (72)Name of Inventor: Filing Date :08/11/2012 1)MANFE Philippe (87) International Publication No :WO 2013/068956 2)VOHLGEMUTH Patrick (61) Patent of Addition to Application :NA 3) GAUSSENS Benjamin Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a singly excited flux switching electrical machine (1) comprising field coils (E) and phase windings (A B C) the field coils and the phase windings being accommodated in respective unevenly shaped notches (3 5) of the stator such that the field coils and phase windings are radially offset.

No. of Pages: 17 No. of Claims: 17

(22) Date of filing of Application :07/01/2009

(43) Publication Date: 09/10/2015

(54) Title of the invention : IMPROVED MODULAR GEAR SHIFT UNIT

(51) International classification :B60R25/ (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)JCB INDIA LIMITED Address of Applicant: UDAYACHAL BUILDING, SUITE # 6, 2ND FLOOR, NO. 9, SAROJINI NAIDU SARANI, (RAWDON STREET), KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO HAVING REGISTERED OFFICE AT B-1/I-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044 West Bengal India (72)Name of Inventor: 1)LEONARD EARP 2)RICHARD THOMAS LITTLER 3)THOMAS OWEN WRIGHT 4)SANJEEV ARORA 5)TARUN MALHOTRA
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(57) Abstract:

AN IMPROVED MODULAR GEAR SIDFT SYSTEM An improved modular gear shift system having electro-hydraulic controlled shift mechanism adapted for the effortless gear shifting in an earth moving machine like back hoe loader: said mechanism involving gear selection through electrical switch and programmed electronic control module which energizes solenoid to effect selection of the required gear.

No. of Pages: 8 No. of Claims: 10

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: LOCKING MECHANISM FOR A SWITCH ON BUTTON OF A CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H71/58,H01H9/24 :10 2011 087 551.4 :01/12/2011 :Germany :PCT/EP2012/072683 :15/11/2012 :WO 2013/079328 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)SCHAUER Bastian 2)RÖHRIG Fabian
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(57) Abstract:

In order to form a locking mechanism (1) for a switch on button (2) of a circuit breaker which has a simple and inexpensive design it is proposed that the locking mechanism (1) has a locking element (14) which is mounted rotatably on the switch on button (2) which locking element (14) held directly in a first position by a first spring (18) enables actuation of the switch on button (2) and directly in the switched on state of the circuit breaker by a second spring (21) can be moved into a second position wherein the switch on button (2) of the circuit breaker is locked to prevent actuation in the second position.

No. of Pages: 14 No. of Claims: 4

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD TO COMMAND AND CONTROL THE ELECTRIC MOTOR OF AN AUTOMATION UNIT AND CONNECTED SYSTEM

(51) International classification	:G05B19/19	(71)Name of Applicant:
(31) Priority Document No	:MI2011A001867	1)GIMA TT S.R.L.
(32) Priority Date	:13/10/2011	Address of Applicant :Via Tolara di Sotto 121/A I 40064 Ozzano
(33) Name of priority country	:Italy	dellEmillia (Bologna) Italy
(86) International Application No	:PCT/IB2012/002045	(72)Name of Inventor:
Filing Date	:15/10/2012	1)MONARI Iuri
(87) International Publication No	:WO 2013/054179	2)DRAGHETTI Fiorenzo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method to command and control an electric motor (12) of an automation unit (10). The unit comprises a mechanical member (13) driven by a drive shaft (15) a central command and control unit (14) and a position detection mean (16). The method provides that the central command and control unit (14) receives the position signals of the shaft (15) of the electric motor (12) and/or of the mechanical member (13) from the position detection mean (16) divides the operating cycle into a plurality of sub phases (n) equal with respect to each other consisting of elementary units and for each of said sub phases or multiple of sub phases selects predefined or self learnt current reference values and generates a signal consisting of an instantaneous current reference (feed forward) for the electric motor (12).

No. of Pages: 18 No. of Claims: 10

(21) Application No.981/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN OVERHEAD ELECTRIC POWER CABLE

(51) International classification	:C22C38/44,C22C38/40,C22C38/52	(71)Name of Applicant:
(31) Priority Document No	:12511275	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:05/10/2012	Address of Applicant :S 811 81 Sandviken Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor:
(86) International Application No	:PCT/SE2013/051091	1)SÖDERMAN Anders
Filing Date	:18/09/2013	
(87) International Publication No	:WO 2014/055010	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.INA	

(57) Abstract:

An overhead electric power cable (1) comprising conducting wires (2) and a supporting wire (3) wherein the supporting wire comprises ferritic austenitic steel alloy which essentially consists of 30 $\,$ 70 vol% ferrite and 30 $\,$ 70 vol% austenite whereby the steel alloy has the following composition in percent by weight (wt%): C: < 0.1 N: 0.1 0.5 Ni: 0.1 3 Cr: 18 30 Mn: 1 10 Si: = 2 Cu: = 3 Co: = 3 Mo: = 2 the balance Fe and normally occurring impurities.

No. of Pages: 15 No. of Claims: 11

(43) Publication Date: 09/10/2015

(19) INDIA

(22) Date of filing of Application :07/05/2014

(54) Title of the invention: A METHOD AND APPARATUS FOR MOBILE RELAY HANDOVER

:H04W84/04,H04W36/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/545503 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date :10/10/2011 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/SE2012/050062 1)LU Qianxi Filing Date :24/01/2012 2)FAN Rui (87) International Publication No :WO 2013/055277 3)MILDH Gunnar (61) Patent of Addition to Application Number: NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention comprises an apparatus and method supporting handover of mobile relay nodes RNs (56) in a wireless communication network (60) in a manner that advantageously differentiates handling of control and user plane connections of the wireless communication devices (58) supported by the RN (56). Rather than conventionally anchoring the control plane connections of relay connected. UEs (58) at the donor radio base station (54 1) supporting the RN (56) the donor radio base station (54 1) includes or is communicatively linked to an anchor node (100) that from the perspective of the involved control plane entity or entities (70) in a supporting Core Network CN (68) anchors those connections. The anchor node (100) facilitates handover between donor radio base stations (54 1 54 2) such that the control plane connections are retained at the anchor node (100) while the user plane connections are switched to the target radio base station (54 2) receiving the RN (5.6) in handover.

No. of Pages: 49 No. of Claims: 22

(22) Date of filing of Application :22/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: SACHET FOR PACKAGING A COSMETIC PRODUCT

(51) International classification	:A45D34/00,A45D37/00,A45D40/00	(71)Name of Applicant:
(31) Priority Document No	:1159837	1)LOREAL
(32) Priority Date	:28/10/2011	Address of Applicant :14 rue Royale F 75008 Paris France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/071289	1)DE LAFORCADE Vincent
Filing Date	:26/10/2012	
(87) International Publication No	:WO 2013/060862	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

The invention relates to a sachet for packaging a cosmetic product comprising two flexible sheets secured together along their peripheral edge so as to define a peripheral sealing zone and an interior volume each sheet forms a multilayer complex comprising a metal layer a bonding agent comprising a copolymer comprising at least 7% by weight of carboxylic and/or carboxylate units it being possible for the carboxylic units to be in acid form or in the form of salts and a layer of peelable polymer joined to the metal layer via said bonding agent. According to the invention the sachet is characterized in that it comprises compartments separated by weak welds between the two peelable layers.

No. of Pages: 24 No. of Claims: 6

(21) Application No.920/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: LSR ANTIBODIES AND USES THEREOF FOR TREATMENT OF CANCER

(51) International classification	:C07K16/28,A61K39/395,A61P35/00	` '
(31) Priority Document No	:61/662470	1)COMPUGEN LTD.
(32) Priority Date	:21/06/2012	Address of Applicant :72 Pinchas Rosen St. 69512 Tel Aviv Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IL2013/050527	1)COJOCARU Gady S.
Filing Date	:19/06/2013	2)DASSA Liat
(87) International Publication No	:WO 2013/190555	3)ROTMAN Galit
(61) Patent of Addition to	:NA	4)LEVY Ofer
Application Number		5)POW Andrew
Filing Date	:NA	6)SAMEACH GREENWALD Shirley
(62) Divisional to Application	:NA	7)LEVINE Zurit
Number		
Filing Date	:NA	

(57) Abstract:

This invention relates to antibodies and antigen binding fragments and conjugates containing same and/or alternative scaffolds specific for LSR molecules which are suitable drugs for immunotherapy and treatment of specific cancer.

No. of Pages: 559 No. of Claims: 89

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: DEVICE FOR CONTACTING AT LEAST ONE CONDUCTING TRACK OF A FILLING LEVEL SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01F23/36 :10 2011 087 491.7 :30/11/2011 :Germany :PCT/EP2012/073164 :21/11/2012 :WO 2013/079370 :NA :NA :NA	(71)Name of Applicant: 1)CONTINENTAL AUTOMOTIVE GMBH Address of Applicant: Vahrenwalder Straße 9 30165 Hannover Germany (72)Name of Inventor: 1)BENNER Hans Guenter 2)PAUER Bernd 3)PETER Robert
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(57) Abstract:

The invention relates to a device for contacting at least one conducting track (9) which has a contact spring (10) that is connected to a pivotable bow (6) by means of a pivot bearing (12). The contact spring (10) also has spring elements (16 17) connected in series for preloading contacts (11) against the conducting track (9). An axis (13) of the pivot bearing (12) is arranged parallel to the direction of motion of the contacts (11) over the conducting tracks (9). The device enables especially tipping proof contacting of the conducting tracks (9) and has an especially simple construction.

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 09/10/2015

(54) Title of the invention: OPTICAL SIGNAL CONVERSION METHOD AND APPARATUS

:H04B10/2581,H04B10/80,H04J14/02 (71)Name of Applicant : (51) International classification

(31) Priority Document No :13/271735 (32) Priority Date :12/10/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/055566 Filing Date :12/10/2012

(87) International Publication No :WO 2013/054313

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)LESSARD Stephane

2)JULIEN Martin

3)BRUNNER Robert

(57) Abstract:

An optical adapter includes an optical coupler a plurality of fiber optic cables and an optical wavelength conversion device. The optical coupler is operable to receive a plurality of multi mode single wavelength optical signals having the same frequency. The plurality of fiber optic cables are arranged in parallel and each have a first end connected to the optical coupler and the other end is coupled to the optical wavelength conversion device. The optical wavelength conversion device is operable to optically convert between the plurality of multi mode single wavelength optical signals at the same frequency and a plurality of single mode optical signals at different frequencies and multiplex the plurality of single mode optical signals at the different frequencies onto a single mode multi wavelength optical waveguide. A corresponding optical adapter is provided for the receive side.

No. of Pages: 17 No. of Claims: 20

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: ACCESS NETWORK FOR DIGITAL TELECOMMUNICATIONS SYSTEM AND METHOD OF DIGITAL **TELECOMMUNICATIONS**

(51) International classification :H04B7/02,H04B7/08,H04B7/155 (71)Name of Applicant : (31) Priority Document No :1160248

(32) Priority Date :10/11/2011 (33) Name of priority country :France

(86) International Application No :PCT/EP2012/072319 Filing Date :09/11/2012

(87) International Publication No :WO 2013/068559

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date

1)SIGFOX

Address of Applicant :Btiment E volution 425 Rue Jean Rostand F

31670 Labége France (72)Name of Inventor:

1)VERTES Marc 2)ARTIGUE Cédric

3)FOURTET Christophe

(57) Abstract:

The present invention relates to an access network (30) for terminals (20) of a digital telecommunications system (10) said access network comprising base stations adapted for receiving radiofrequency signals emitted by said terminals each terminal comprising a physical layer processing module adapted to form a radiofrequency signal on the basis of binary data in accordance with a predefined physical layer protocol. Moreover for at least one base station termed the partial station (31) an inverse physical layer processing making it possible to extract binary data from a radiofrequency signal is distributed between said partial station and a processing server (32) distinct from said partial station an inverse physical layer processing module being made up of a first inverse processing module (310) integrated into said partial station and a second inverse processing module (320) integrated into the processing server (32). The invention also relates to a method (50) of digital telecommunications.

No. of Pages: 31 No. of Claims: 14

(21) Application No.993/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: NULL DATA PACKET THROUGHPUT SYSTEM AND METHOD

(51) International classification	:H04W24/06,H04L12/24,H04L12/26	\ / <u>* * * * * * * * * * * * * * * * * * </u>
(31) Priority Document No	:61/612962	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:19/03/2012	Address of Applicant :Torshamnsgatan 23 SE 164 83 Stockholm
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2013/001036	(72)Name of Inventor:
Filing Date	:19/03/2013	1)RUSSELL Michael
(87) International Publication No	:WO 2013/140264	2)SMITH Roland
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract:

A system and method for improving signal reception in an access point. The system and method may comprise the steps of: transmitting a non zero 802.11 NULL data packet to a client wherein the traffic test is initiated at intervals; receiving an 802.11 ACKnowledgement packet from the client wherein the 802.1 ACKnowledgement packet indicates that the non zero 802.11 NULL data packet was received by the client; and discarding the non zero 802.11 NULL data packet after receipt.

No. of Pages: 35 No. of Claims: 22

(21) Application No.931/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR PROVIDING SHOPPING SERVICE USING INTEGRATING SHOPPING CART

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06Q30/06 :1020110098778 :29/09/2011 :Republic of Korea :PCT/KR2012/006261 :07/08/2012 :WO 2013/047996 :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)KIM Bo Min 2)KIM Joon Hwan 3)MIN Chan Hong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method an apparatus and a system for operating of a server that generates an integrating shopping cart are provided. The method of the server includes identifying a user doing online shopping through a communication device; monitoring the online shopping of the user; obtaining online shopping information of the user based on the monitoring; and storing the online shopping information of the user.

No. of Pages: 28 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2014

(21) Application No.927/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: FILTER MATERIAL

(57) Abstract:

The invention relates to a filter material in particular for an air filter wherein the filter material (1) has a diminishing pore size in the flow direction (5) and wherein the filter material (1) has a substrate layer (2) on the inflow side and a fine fiber layer (4) in particular a melt blown layer on the outflow side. It is essential to the invention that a connection region (3) is arranged between the substrate layer (2) and the fine fiber layer (4) that the filter material (1) has a thickness (d) of d > 0.35 mm and that an impregnation (6) is applied at least to the inflow side of the substrate layer (2). Thus an especially high performance filter material (1) that combines the advantages of the individual layers (2 4) can be created.

No. of Pages: 20 No. of Claims: 12

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 09/10/2015

(54) Title of the invention: GS ASSOCIATION ESTABLISHMENT METHOD AND DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)CHEN Zhongping 2)SHU Lin
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		2)SHU Lin

(57) Abstract:

Provided is a Gs association establishment method including: when a serving GPRS support node (SGSN) confirms that an SGs association of user equipment (UE) in an idle mode signalling reduction (ISR) activated state is released the SGSN sending an update location request to a mobile switching centre/visiting location register (MSC/VLR) so that the SGSN establishes a Gs association for the UE with the MSC/VLR. Also provided is an SGSN. The embodiments of the present invention can establish a Gs association in time after an SGs association is released when the UE is in an ISR activated state so that the UE will not be separated by the MSC/VLR in a hidden way and the called service of the UE will not be affected enhancing the service experience of the user.

No. of Pages: 36 No. of Claims: 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2014

(21) Application No.995/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: ADJUSTING DEVICE FOR A SEAT

(51) International classification :B60N2/12,B60N2/08,F16C1/22 (71)Name of Applicant : (31) Priority Document No :10 2011 117 905.8 1)JOHNSON CONTROLS GMBH (32) Priority Date :08/11/2011 Address of Applicant : Industriestraße 20 30 51399 Burscheid (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/004335 (72)Name of Inventor: Filing Date :17/10/2012 1)HEINRICH Andreas (87) International Publication No :WO 2013/068072 2) RUCKRIEGEL Thomas (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a device for adjusting the position of a seat in particular of a vehicle seat having at least one fixing device for securing the position of the seat which device has at least one locking element each of which in the locking position thereof locks at least two guide parts of the device to each other which are held such that they can move in relation to each other wherein at least one traction means with which the locking element can be moved out of the locking position thereof is coupled to the locking element. A preloading element is associated with the traction means which preloading element acts directly on a section of the traction means and preloads the traction means without play.

No. of Pages: 19 No. of Claims: 10

(21) Application No.1050/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention : METHOD FOR THE GRAVIMETRIC MASS METERING OF BULK SOLIDS AND DIFFERENTIAL METERING SCALE

3 Darmstadt

(57) Abstract:

The invention relates to a method for the gravimetric mass metering of bulk solids by means of a container (1) with the bulk solid to be metered and a volumetric conveying device (2) by means of which the bulk solid coming from the container with a mass flow (F) which chronologically follows a target value (W) for a target feed rate is conveyed and a differential metering scale suitable for such purpose. The method is characterised in that the bulk solid after leaving the conveying device (2) can pass through a mass flow measuring device (11) and the mass flow measuring device (11) calculates a second signal (Fm) representing the mass flow and the first control signal (Y) a second control device (12) calculates a second signal (Y2) and delivers said signal to a drive (7) of the conveying device (2) for controlling the conveying device (2).

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: STRETCHING DEVICE AND METHOD FOR ELONGATING A FILM WEB

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29C55/06 :10 2011 085 735.4 :03/11/2011 :Germany :PCT/EP2012/071160 :25/10/2012 :WO 2013/064422 :NA :NA :NA	(71)Name of Applicant: 1)WINDMÖLLER & HÖLSCHER KG Address of Applicant: Münsterstraße 50 49525 Lengerich Germany (72)Name of Inventor: 1)BACKMANN Martin 2)LINKIES Jürgen 3)RÜBBELKE Ingo 4)BUSSMANN Markus
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(57) Abstract:

A device (30) and a method are described and claimed for stretching a film web (24) along its longitudinal direction (z) in which the film web is guided in a transport direction (z) by a plurality of rollers (22 23 31 33 36 and 37) and in which the film web is stretched in at least one stretching gap (21) that is bounded by at least two rollers (22 23 33 and 36) which are operated at different circumferential speeds. It is considered novel and inventive that the web is provided with a temperature gradient the direction of which is transverse to the longitudinal axis of the film web.

No. of Pages: 20 No. of Claims: 17

(21) Application No.933/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: CUTTING INSERT AND CUTTING TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23C5/20,B23C5/06 :61/577428 :19/12/2011 :U.S.A. :PCT/IL2012/050467 :20/11/2012 :WO 2013/093907 :NA :NA :NA	(71)Name of Applicant: 1)ISCAR LTD. Address of Applicant: P.O. Box 11 24959 Tefen Israel (72)Name of Inventor: 1)SATRAN Amir 2)TULCHINSKY Evgeny
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(57) Abstract:

A cutting insert has polygonal first and second end surfaces which are connected by a peripheral side surface each end surface defining first and second end planes respectively. The peripheral side surface has first peripheral side portions alternated in the circumferential direction with second peripheral side portions. The first peripheral side portions are inverse copies of the second peripheral side portions. Each peripheral side portion includes first and second sub faces which form different angles with the first and second end planes. The first and second sub faces intersect one another between the first and second end planes to form a line which is parallel to the first and second end planes.

No. of Pages: 29 No. of Claims: 24

(22) Date of filing of Application :12/10/2009 (43) Publication Date : 09/10/2015

(54) Title of the invention: AN IMPROVED COMPACT YOKE STRUCTURE ON MOBILE CRANE MACHINE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date :N	B66C19/00 NA 1)JCB INDIA LIMITED Address of Applicant: 6 UDAYACHAL 2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO NA HAVING REGISTERED OFFICE AT B-1 / 1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW NA DELHI-110044, INDIA West Bengal India (72)Name of Inventor: NA 1)SANJEEV ARORA
(62) Divisional to Application Number :N	NA 1)SANJEEV ARORA NA 2)JAGJEET SINGH BAJWA NA

(57) Abstract:

An improved Compact Yoke Structure on Mobile Crane Machine An improved Compact Yoke Structure on Mobile Crane Machine comprises of steel profiled plates welded to form an integrated fabricated structure consisting of the top beam and four side members along with gussets to strengthen joints of top beam and side members and the said two side members forming an inverted V shape are placed on both sides of top beam wherein the two side members forming an inverted V shape at both sides of top beam are bent so as to achieve a narrow spacing on top which accommodates top beam of shorter length.

No. of Pages: 9 No. of Claims: 05

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2014

(21) Application No.937/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: STEADY HAND MICROMANIPULATION ROBOT

(51) International classification :A61B19/00,B25J13/08,B25J19/02 (71)Name of Applicant : (31) Priority Document No :61/555780

(32) Priority Date :04/11/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/063611 Filing Date :05/11/2012

(87) International Publication No :WO 2013/067535

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number:NA

1)THE JOHNS HOPKINS UNIVERSITY

Address of Applicant :3400 North Charles Street Baltimore Maryland

21218 U.S.A.

(72)Name of Inventor:

1)OLDS Kevin C.

2)TAYLOR Russell H.

(57) Abstract:

Filing Date

A cooperative control robot includes a base component a mobile platform arranged proximate the base component a translation assembly operatively connected to the base component and the mobile platform and configured to move the mobile platform with translational degrees of freedom substantially without rotation with respect to said the component a tool assembly connected to the mobile platform and a control system configured to communicate with the translation assembly to control motion of the mobile platform in response to forces by a user applied to at least a portion of the cooperative control robot. The translation assembly includes at least three independently operable actuator arms each connected to a separate position of the mobile platform. A robotic system includes two or more the cooperative control robots.

No. of Pages: 46 No. of Claims: 21

(21) Application No.938/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: POLYSACCHARIDE FIBRES FOR WOUND DRESSINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:D01F9/04 :1117140.2 :05/10/2011 :U.K. :PCT/GB2012/053011 :05/12/2012 :WO 2013/050794	(71)Name of Applicant: 1)UNIVERSITY OF BOLTON Address of Applicant: Deane Road Bolton Lancashire BL3 5AB U.K. (72)Name of Inventor: 1)MIRAFTAB Mohsen 2)MASOOD Rashid
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/050794 :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A polysaccharide fibre useful in biomedical applications such as wound management is made as a bicomponent fibre with alginate and psyllium polymers. An antimicrobial silver salt may be incorporated. The fibre may be made by extruding an aqueous mixture of alkaline solubilised psyllium and sodium alginate into a calcium chloride bath.

No. of Pages: 13 No. of Claims: 22

(21) Application No.1064/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: UNDERCUT EXCAVATION METHOD WITH CONTINUOUS CONCRETE FLOORS

:E02D29/055,E21C41/16,E21D11/10 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)2341451 ONTARIO INC. :2756266 (32) Priority Date :26/10/2011 Address of Applicant: 141 Adelaide Street West Suite 903 Toronto (33) Name of priority country :Canada Ontario M5H 3L5 Canada (86) International Application No :PCT/CA2012/000939 (72)Name of Inventor: Filing Date :11/10/2012 1)GRYBA Charles Michael (87) International Publication No :WO 2013/059911 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention provides a technique in undercut excavation that allows a continuous steel reinforced concrete floor to be set up or installed over a large width and length and installing continuous steel reinforced concrete floors in any subsequent lifts. Using the present invention the continuous concrete floor can be extended at a later date if the stopping area is extended at some future date.

No. of Pages: 38 No. of Claims: 5

(22) Date of filing of Application :20/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: COUNTERWEIGHT FIXING DEVICE

(86) International Application No :PCT/EP2012/004800 Filing Date :20/11/2012 :WO 2013/075816 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:20/11/2012 :WO 2013/075816 :NA :NA	2)KLEINKNECHT Johannes
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(57) Abstract:

Counterweight fixing device (1) for a crane which is comparatively easy to install and can also be used in particular for cranes with a derricking jib in which the derricking jib is rigidly connected to the mast (3) and at the same time provides a safe design without generating a high noise level during operation. The core principle of the design of the counterweight fixing device (1) is that the counterweight blocks (4) are simply suspended on a carrier bar (2) but the generation of noise is kept to a low level due to the suppression of the freedom of movement of the counterweight blocks (4).

No. of Pages: 18 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2014

(21) Application No.1066/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: DENTAL DEVICE

:NA

(51) International classification :F27B17/02,A61C9/00,A61C19/00 (71)Name of Applicant : (31) Priority Document No :12152931.7 1)IVOCLAR VIVADENT AG (32) Priority Date :27/01/2012 Address of Applicant :Bendererstrasse 2 CH 9494 Schaan (33) Name of priority country Liechtenstein :EPO (86) International Application No :PCT/EP2013/051272 (72)Name of Inventor: Filing Date :24/01/2013 1)BROTZGE Michael (87) International Publication No :WO 2013/110678 2)LORÜNSER Johannes (61) Patent of Addition to Application 3)GRÜNENFELDER Robert :NA Number 4)KETTNER Philipp :NA Filing Date (62) Divisional to Application Number:NA

(57) Abstract:

Filing Date

The invention relates to a dental device for treating a dental restoration part comprising at least one operating program a dental device memory unit and at least one detecting device for at least one object. Data of the object can be detected using the detecting device and the data can be stored in the dental device memory unit in particular together with an operating program assigned to the object or the data can be compared with data of objects stored in the dental device memory unit in advance. The dental device starts the corresponding operating program dependent on the result of the comparison of the data of a detected object with data of objects stored in the dental device memory unit in advance or the device displays the result for the purpose of making a selection.

No. of Pages: 15 No. of Claims: 15

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: INTER LAYER PREDICTION BETWEEN LAYERS OF DIFFERENT DYNAMIC SAMPLE VALUE RANGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/05/2012 :WO 2013/068132 :NA :NA :NA	(71)Name of Applicant: 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant: Hansastrasse 27c 80686 München Germany (72)Name of Inventor: 1)GARBAS Jens Uwe 2)THOMA Herbert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The ratio between coding quality on the one hand and coding rate on the other hand is increased. To this end a global predictor and a local predictor are used in combination. The global predictor derives a global tone mapping function based on a statistical analysis of pairs of values of co located samples in the first tone mapped version and the second version of the picture and applies the global tone mapping function onto the first tone mapped version of the picture. The local predictor locally derives a locally varying tone mapping function based on a statistical analysis of values of co located samples in the second version of the picture and the globally predicted reference picture in units of sub portions into which the globally predicted reference picture and the second version of the picture are partitioned and applies the locally varying tone mapping function onto the globally predicted reference picture.

No. of Pages: 51 No. of Claims: 25

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 09/10/2015

$(54) \ Title \ of the invention: COATING \ COMPOSITIONS \ FOR \ INORGANIC \ CASTING \ MOLDS \ AND \ CORES \ CONTAINING \ SALTS \ AND \ USE \ THEREOF$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B22C9/12,B22C9/18,B22C3/00 :10 2011 115 025.4 :07/10/2011 :Germany :PCT/DE2012/000972 :05/10/2012 :WO 2013/050022 :NA :NA	(71)Name of Applicant: 1)ASK CHEMICALS GMBH Address of Applicant: Reisholzstrasse 16 18 40721 Hilden Germany (72)Name of Inventor: 1)KLOSKOWSKI Michael 2)WACHTARCZYK Peter 3)WALLENHORST Carolin 4)BEZOLD Stefan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject matter of the invention relates to sizing compositions as coating compositions for casting molds. The sizing composition is suitable for cores and molds in particular those produced using water glass as a binder. The sizing composition contains certain salts.

No. of Pages: 27 No. of Claims: 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2014

(21) Application No.1083/KOLNP/2014 A

(43) Publication Date: 09/10/2015

(54) Title of the invention: HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F28F13/18 :10 2011 120 255.6 :02/12/2011 :Germany :PCT/EP2012/074105 :30/11/2012 :WO 2013/079665 :NA :NA	(71)Name of Applicant: 1)WICKEDER WESTFALENSTAHL GMBH Address of Applicant: Hauptstraße 6 58739 Wickede (Ruhr) Germany (72)Name of Inventor: 1)GAUGER Hans Jürgen 2)STREB Buno 3)KOMPERNAß Herbert 4)KETTNER Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a heat exchanger for exchanging heat between a first material or material flow and a second material or material flow comprising at least one wall that separates the materials or material flows wherein the surface of the wall has an arithmetic mean roughness Ra of 2 to $20 \mu m$ preferably $10 \mu m$ or a roughness depth Rz of $10 to 50 \mu m$ preferably $30 \mu m$.

No. of Pages: 11 No. of Claims: 6

(22) Date of filing of Application :21/05/2014 (43) Publication Date : 09/10/2015

(54) Title of the invention: DIGITAL COMMUNICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:2011904698 :11/11/2011 :Australia :PCT/AU2012/001377 :09/11/2012	(71)Name of Applicant: 1)OPTIMARK. LLC Address of Applicant: 4 Georgetti Street San Juan 00925 IB (72)Name of Inventor: 1)MORENO DE AYALA Oscar 2)TIRKEL Anatol Zygmunt
* *		,
(87) International Publication No	:WO 2013/067589	, , , , , , , , , , , , , , , , , , , ,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device to apply a digital fingerprint to a digital signal comprises a means of intercepting or acquiring a signal a storage element and a processor for executing computer implemented programme code components in the storage element to effect the methods. The methods include transforming a plurality of signal samples onto a discrete orthonormal basis and ranking the transformed samples according to their magnitude. The n largest principal components of the ranked transformed samples are optionally permuted to generate a re ordered set of principal components which are then altered by a marking angle. The marked principal components and unmarked non principal components are converted and combined and applying an inverse of the transform function to the combined principal and non principal components to generate a fingerprinted digital signal. Methods to prepare the signal for marking recover the digital fingerprint and verify the distributor and/or recipients of the signal are also disclosed.

No. of Pages: 40 No. of Claims: 24

(22) Date of filing of Application :19/08/2010 (43) Publication Date : 09/10/2015

(54) Title of the invention: COMMUNICATION METHOD AND DEVICE BASED ON FEMTO-CELL NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W24/10 :200810057763.4 : - :China :PCT/CN2009/070386 :10/02/2009 : NA :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P.R. China China (72)Name of Inventor: 1)LIU Qingshun;
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(57) Abstract:

A communication method and device based on Femto network are disclosed. Said method and said device are primarily used to establish the signaling connection control part user adaptation layer (SUA) connections between Femto network gateway (FGW) and mobile switching center (MSC) in core network, and between FGW and Femto network AP (FAP) respectively. The message is transmitted between the FGW and the core network MSC, and between FGW and FAP through the two established SUA connections. The message can also be transmitted between MSC in core network and the FAP according to the configured logic cell message so that FAP can provide the communication service for terminal device by accessing the core network reliably.

No. of Pages: 29 No. of Claims: 10

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 09/10/2015

(54) Title of the invention: AN IMPROVED HYDROSTATIC PARALLEL SERIES PROPULSION SYSTEM

(51) International classification	:B63H 23/00	(71)Name of Applicant : 1)JCB INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :6 UDAYACHAL, 2ND FLOOR, 9, RAWDON
(32) Priority Date	:NA	STREET, KOLKATA 700 017, WEST BENGAL, INDIA AND ALSO
(33) Name of priority country	:NA	HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
(86) International Application No	:NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW
Filing Date	:NA	DELHI-110044, INDIA AND WORKS AT 23/7, MATHURA ROAD,
(87) International Publication No	: NA	BALLABGARH 121 004, HARYANA, INDIA West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROOPAK SHARMA
(62) Divisional to Application Number	:NA	2)SANJEEV ARORA
Filing Date	:NA	
(55) 11		·

(57) Abstract:

An improved hydrostatic parallel series propulsion system is combination of: (i) parallel flow system used in work mode and attain gradeabilty at low speed; (iv) series flow by switching the conversion valve for high speed travel applications characterized in that (1) is a piston pump, (2) is a parallel series switch valve (3) is electric control switch (4) and (5) are propulsion motors.

No. of Pages: 4 No. of Claims: 05

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENT UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS (AMENDMENT) RULES, 2006.

Sl. No.	PATENT NO.	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	187199	Hawkins Cookers Limited	A process for producing a non-stick cookware	17/10/2009	Mumbai
2.	216007	Larsen & Toubro Limited	A protective guard system for Insulating support structures of contactors and the like.	16/02/2015	Mumbai

AMENDMENT UNDER SEC.57, KOLKATA

(1)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 211061 (473/CAL/2001) has been amended as follows:

W. SCHLAFHORST AG & CO. to
OERLIKON TEXTILE GMBH & CO. KG

(2)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 208949 (496/CAL/1999) has been amended as follows:

W. SCHLAFHORST AG & CO. to
OERLIKON TEXTILE GMBH & CO. KG

(3)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 194183 (1492/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. to
OERLIKON TEXTILE GMBH & CO. KG

(4)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 201373 (219/CAL/1999) has been amended as follows:

(5)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 187055 (1656/CAL/1995) has been amended as follows:

W. SCHLAFHORST AG & CO. to
OERLIKON TEXTILE GMBH & CO. KG

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 207107 (651/CAL/1999) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(7)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 222031 (29/CAL/2000) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(8)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 191779 (1435/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(9)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 192567 (1464/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(10)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 195080 (2205/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(11)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 211079 (691/CAL/2000) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 195100 (2239/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG. of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(13)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 244513 (658/CAL/2001) has been amended as follows:

SAURER GMBH & CO. KG of LANDGRAFENSTRASSE 45, D-41069 MONCHENGLADBACH, to
OERLIKON TEXTILE GMBH & CO. KG of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(14)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 209254 (2105/CAL/1997) has been amended as follows:

SAURER GMBH & CO. KG of LANDGRAFENSTRASSE 45, D-41069 MONCHENGLADBACH, to OERLIKON TEXTILE GMBH & CO. KG of Leverkuser Strasse 65, D-42897 Remscheid, Germany

(15)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 222385 (2128/CAL/1997) has been amended as follows:

W. SCHLAFHORST AG & CO. of POSTFACH 100435, D-41004, MONCHENGLADBACH to
OERLIKON TEXTILE GMBH & CO. KG of Leverkuser Strasse 65, D-42897
Remscheid, Germany

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269104	4361/DELNP/2008	15/01/2003	22/01/2002	QUINAZOLINE(DI) ONES FOR INVERTEBRATE PEST CONTROL	E.I. DU PONT DE NEMOURS AND COMPANY.	15/08/2008	DELHI
2	269107	2473/DELNP/2006	10/11/2004	14/11/2003	AN INTEGRATED PROCESS FOR THE CONVERSION OF FEEDSTOCKS	ENI S.p.A.,SNAMPROGETT I S.p.A.,ENITECNOLOGI E S.p.A.	03/08/2007	DELHI
3	269109	1276/DELNP/2011	22/07/2009	23/07/2008	ETHYLENE OLIGOMERIZATION CATALYST	MITSUI CHEMICALS, INC.	09/12/2011	DELHI
4	269110	1482/DEL/2004	10/08/2004	08/09/2003	COORDINATED NETWORK INITIATOR MANAGEMENT THAT AVOIDS SECURITY CONFLICTS	MICROSOFT TECHNOLOGY LICENSING, LLC	14/07/2006	DELHI
5	269111	2238/DELNP/2008	22/09/2006	22/09/2005	CAPSULE FORMULATION OF PIRFENIDONE AND PHARMACEUTICALLY ACCEPTABLE EXCIPIENTS	INTERMUNE, INC.	23/05/2008	DELHI
6	269117	1354/DEL/2004	22/07/2004	21/08/2003	PROVIDING CLIENT ACCESS TO DEVICES OVER A NETWORK	MICROSOFT TECHNOLOGY LICENSING,LLC	22/09/2006	DELHI
7	269118	625/DELNP/2003	03/09/2002	04/09/2001	INFORMATION TRANSMISSION APPARATUS, AND INFORMATION RECEPTION APPARATUS	SONY CORPORATION	12/03/2010	DELHI
8	269124	2672/DELNP/2004	14/02/2003	14/02/2002	DEVICE AND METHOD FOR CONNECTING WIRE	DECORP AMERICAS, INC	09/10/2009	DELHI
9	269126	6431/DELNP/2007	23/02/2006	23/02/2005	A CATHODE HETEROGENEOUS ACTIVE MATERIAL FOR A LITHIUM SECONDARY BATTERY'	LG CHEM,LTD.	31/08/2007	DELHI
10	269131	2865/DELNP/2004	24/09/2004	29/03/2002	LIGHT EMITTING DEVICE COMPRISING PLURALITY OF SEMICONDUCTOR NANOCRYSTALS	MASSACHUSETTS INSTITUTE OF TECHNOLOGY,UNIVE RSAL DISPLAY CORPORATION,	09/10/2009	DELHI
11	269134	9889/DELNP/2008	05/06/2007	14/06/2006	CROSS-LINKABLE THERMOPLASTIC POLYURETHANES	HUNTSMAN INTERNATIONAL LLC	27/03/2009	DELHI

12	269135	1990/DELNP/2006	19/10/2004	31/10/2003	PREPARATION OF FLUOROMETHYL- SUBSTITUTED HETEROCYCLES	BAYER CROPSCIENCE GMBH	13/07/2007	DELHI
13	269147	2643/DELNP/2006	25/11/2004	01/12/2003	METHOD AND DEVICE FOR COOLING A STEEL STRIP	ARCELOR FRANCE	10/08/2007	DELHI
14	269152	5827/DELNP/2010	05/03/2009	08/03/2008	A POWER TRANSMISSION BELT	THE GATES CORPORATION	18/11/2011	DELHI
15	269153	1659/DELNP/2008	11/07/2006	28/07/2005	A METHOD OF PREPARING ESOMEPRAZOLE OF FORMULA (II) OR ITS SALT	HANMI SCIENCE CO., LTD	27/06/2008	DELHI
16	269154	3219/DELNP/2005	26/01/2004	24/01/2003	CERAMIC BASED NANOPARTICLES FOR ENTERAPPING THERAPEUTIC AGENTS FOR PHOTODYNAMIC THERAPY AND METHOD OF USING SAME	THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK,HEALTH RESEARCH, INC.,,HEALTH RESEARCH, INC.,	13/04/2007	DELHI
17	269157	669/DEL/2003	05/05/2003		APPARATUS AND METHOD FOR FRONT- TO -BACK ALIGNMENT OF PHOTOSENSITIZED SUBSTRATES	INDIAN INSTITUTE OF TECHNOLOGY	15/07/2011	DELHI
18	269174	5911/DELNP/2006	31/03/2005	02/04/2004	COMPLEXITY SCALABLE VIDEO DECODING	THOMSON LICENSING	13/07/2007	DELHI
19	269177	2048/DELNP/2004	15/01/2003	17/01/2002	PLANETARY GEARSET	TOYOTA JIDOSHA KABUSHIKI KAISHA	02/10/2009	DELHI
20	269179	8053/DELNP/2007	15/04/2006	28/04/2005	ACTIVE COMPOUND COMBINATIONS	BAYER CROPSCIENCE AG	04/07/2008	DELHI
21	269182	5436/DELNP/2006	24/03/2004	24/03/2004	A PROCESS FOR LOCATING AND MEASURING IN A CIVIL ENGINEERING STRUCTURE	TEN CATE GEOSYNTHETICS FRANCE,FIBER OPTIC SENSORS & SENSING SYSTEMS	03/08/2007	DELHI
22	269184	1616/DELNP/2009	26/03/1997	20/09/2006	PROCESS FOR PRODUCING A POLYSTYRENE	INEOS EUROPE LIMITED	15/05/2009	DELHI
23	269186	1127/DEL/2005	04/05/2005		SHELL FIRED COPRA DRYER	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	03/11/2006	DELHI
24	269188	6537/DELNP/2006	22/04/2005	22/04/2004	A METHOD FOR DETERMINING A CONCENTRATION OF A TARGET GAS USING A FIELD EFFECT (FET) - BASED GAS SENSOR HAVING A GAS - SENSITIVE LAYER	MICRONAS GMBH	31/08/2007	DELHI

25	269189	7515/DELNP/2006	18/05/2005	19/05/2004	POWER SAVER CONTROLLER	ELECTRONIC DATA CONTROL PTY.LTD	24/08/2007	DELHI
26	269191	466/DEL/2007	02/03/2007 11:28:51	06/03/2006	A FIXTURE FOR FIXING AN ARTICLE RELATIVE TO A BRACKET	SUMITOMO WIRING SYSTEMS,LTD.	07/09/2007	DELHI
27	269192	2302/DELNP/2005	23/09/2003	12/09/2003	FLEXIBLE CONTAINER HAVING A FLEXIBLE PORT AND METHOD FOR MAKING THE SAME	B. BRAUN MEDICAL, INC.	09/10/2009	DELHI
28	269196	8244/DELNP/2008	12/04/2007	12/04/2006	PROCESS FOR THE PREPARATION OF A KETONE OR AN ALDEHYDE USING SILICA AS A CATALYST	DSM IP ASSTS B.V.	27/03/2009	DELHI
29	269198	7024/DELNP/2006	15/07/2005	16/07/2004	FOLDED CATHETER ASSEMBLY WITH ADHESIVE GRIP.	ASTRA TECH AB	31/08/2007	DELHI
30	269200	7157/DELNP/2006	06/05/2005	06/05/2004	SYSTEM AND METHOD FOR CONTROLLING INTERNAL COMBUSTION ENGINE	DRESSER, INC.	24/08/2007	DELHI
31	269202	778/DELNP/2008	25/09/2003	25/09/2002	CROSS-LINKED POLYMER MATRICES, AND METHODS OF MAKING AND USING SAME	JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE,UNIVERSI TY OF MARYLAND,THE NATIONAL INSTITUTES OF HEALTH	25/04/2008	DELHI

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	269133	1155/MUM/2008	30/05/2008		IMPROVED PROCESS FOR PREPARATION OF EFAVIRENZ	EMCURE PHARMACEUTICALS LIMITED,	04/11/2011	MUMBAI
2	269142	1080/MUMNP/2 009	04/12/2007	05/12/2006	ORAL CARE PRODUCT	HINDUSTAN UNILEVER LIMITED	19/11/2010	MUMBAI
3	269145	2001/MUM/2007	08/10/2007		A METHOD OF MANUFACTURING FIBER REINFORCED PLASTIC(FRP) OUTER REAR VIEW MIRROR(ORVM) COMPONENT INTEGRATED WITH OPERATIONAL MECHANISM	TATA MOTORS LIMITED	14/12/2007	MUMBAI
4	269197	734/MUM/2008	31/03/2008 15:57:11		POSITION INDICATING SYSTEM FOR ELECTRICAL SWITCHING DEVICE	LARSEN & TOUBRO LIMITED	30/10/2009	MUMBAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269106	1085/CHENP/2008	31/07/2006	04/08/2005	PROCESS FOR PREPARING DIISOCYANATES	BASF SE	12/09/2008	CHENNAI
2	269108	3295/CHE/2008	26/12/2008 15:58:42	28/12/2007	METHOD AND APPARATUS FOR DISPLAYING TAB ON WEB CARRIER	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LTD	21/08/2009	CHENNAI
3	269113	1596/CHENP/2008	31/08/2006	31/08/2005	PROCESS FOR THE PRODUCTION OF ALCOHOLS	SASOL TECHNOLOGY (PROPRIETARY) LIMITED	28/11/2008	CHENNAI
4	269115	3397/CHENP/2008	30/12/2005	30/12/2005	BALANCING DEVICE	ABB TECHNOLOGY LTD	06/03/2009	CHENNAI
5	269116	3901/CHENP/2007	09/03/2006	24/03/2005	EMBEDDED WEB-BASED MANAGEMENT METHOD	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P	21/12/2007	CHENNAI
6	269120	6039/CHENP/2007	29/06/2006	29/06/2005	REMOTE CONTROL FRAMEWORK	SYMBIAN SOFTWARE LIMITED	13/06/2008	CHENNAI
7	269121	1240/CHENP/2008	31/08/2006	13/09/2005	AUDIO CODING	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/11/2008	CHENNAI
8	269122	54/CHENP/2008	24/03/2006	05/07/2005	VALVE CONTROL SYSTEM FOR A ROTATING MULTIPLEX FLUORESCENCE DETECTION DEVICE	3M INNOVATIVE PROPERTIES COMPANY	19/09/2008	CHENNAI
9	269123	7201/CHENP/2008	14/06/2007	30/06/2006	HVDC SYSTEM AND METHOD TO CONTROL A VOLTAGE SOURCE CONVERTER IN A HVDC SYSTEM	ABB TECHNOLOGY AG	27/03/2009	CHENNAI
10	269138	6166/CHENP/2008	14/05/2007	11/05/2006	COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE PCSK9 GENE	ALNYLAM PHARMACEUTICALS, INC.	03/04/2009	CHENNAI
11	269139	2753/CHE/2007	23/11/2007		A METHOD FOR GENERATING AND IMPLEMENTING A RANDOM INTERLEAVER FOR MULTILEVEL INTERLEAVING	INDIAN SPACE RESEARCH ORGANISATION	16/10/2009	CHENNAI
12	269148	1378/CHENP/2008	15/09/2006	20/09/2005	FUNCTIONALIZED PHOTOREACTIVE COMPOUNDS	ROLIC AG	28/11/2008	CHENNAI

13	269156	280/CHE/2005	18/03/2005		SENDING A MESSAGE SECURELY OVER AN INSECURE CHANNEL	ORACLE INTERNATIONAL CORPORATION	16/03/2007	CHENNAI
14	269158	3480/CHENP/2006	22/02/2005	23/04/2004	COLORIMETRIC SENSOR	M/S. 3M INNOVATIVE PROPERTIES COMPANY	15/06/2007	CHENNAI
15	269159	5171/CHENP/2007	03/05/2006	16/05/2005	GAS COMBUSTION APPARATUS	EDWARDS LIMITED	27/06/2008	CHENNAI
16	269161	950/CHENP/2009	14/09/2007	14/09/2006	METHOD AND APPARATUS FOR FLEXIBLE NETWORK ARCHITECTURE	QUALCOMM Incorporated	05/06/2009	CHENNAI
17	269166	1419/CHENP/2009	26/09/2007	26/09/2006	SENSOR NETWORKS BASED ON WIRELESS DEVICES	QUALCOMM INCORPORATED	26/06/2009	CHENNAI
18	269169	5460/CHENP/2007	28/04/2006	29/04/2005	A METHOD OF MANAGING CONTACT INFORMATION IN A CONTACT MANAGEMENT SYSTEM	BARCLAYS CAPITAL INC.	28/03/2008	CHENNAI
19	269170	3228/CHENP/2009	08/02/2008	09/02/2007	METHOD FOR ACKNOWLEDGEMENT SIGNALING	NOKIA CORPORATION	25/06/2010	CHENNAI
20	269176	2839/CHENP/2007	14/12/2005	27/12/2004	A MOBILE TERMINAL, AND AN ASSOCIATED METHOD, WITH MEANS FOR MODIFYING A BEHAVIOUR PATTERN OF A MULTI- MEDIAL USER INTERFACE	NOKIA CORPORATION	07/09/2007	CHENNAI
21	269178	6367/CHENP/2008	26/03/2007	26/04/2006	AN EARTH LEAKAGE PROTECTION DEVICE WITH TIME ALERT FEATURE	FONG See Ni	21/08/2009	CHENNAI
22	269180	1640/CHENP/2004	27/12/2002	28/12/2001	A MEDIUM VOLTAGE INTEGRATED SWITHCHGEAR	ABB TECHNOLOGY AG	24/02/2006	CHENNAI
23	269185	4635/CHENP/2009	21/02/2008	21/02/2007	WIRELESS NODE SEARCH PROCEDURE	Qualcomm Incorporated	02/07/2010	CHENNAI
24	269187	647/CHENP/2010	01/08/2008	03/08/2007	ASSOCIATIVE THICKENER DISPERSION AND A METHOD OF PREPARING IT	BASF SE	30/07/2010	CHENNAI
25	269193	1230/CHENP/2007	24/08/2004	24/08/2004	A METHOD AND APPARATUS FOR PROVING FLOW METERS	MICRO MOTION, INC	31/08/2007	CHENNAI
26	269195	906/CHE/2008	11/04/2008 15:45:25		A SUB-THRESHOLD CAPFET SENSOR FOR SENSING ANALYTE, A METHOD AND SYSTEM THEREOF	INDIAN INSTITUTE OF SCIENCE	16/10/2009	CHENNAI
27	269199	4385/CHENP/2009	22/01/2008	25/01/2007	PRESSURE REDUCING VALVE FOR GAS	KEIHIN CORPORATION	14/08/2009	CHENNAI
28	269201	5718/CHENP/2009	28/02/2008	16/03/2007	METHOD, SYSTEM, CLIENT AND SERVER FOR CREATING USER INFORMATION	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED,	25/12/2009	CHENNAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269112	3788/KOLNP/2008	14/02/2008	14/02/2007	METHODS AND APPARATUSES FOR ENCODING AND DECODING OBJECT- BASED AUDIO SIGNALS	LG ELECTRONICS INC.	27/02/2009	KOLKATA
2	269114	456/KOL/2007	23/03/2007 15:25:56	27/03/2006	METHODS AND DEVICES FOR PERCUTANEOUS ILLUMINATION	ETHICON ENDO- SURGERY, INC	16/05/2008	KOLKATA
3	269119	2025/KOLNP/2008	22/11/2006	01/12/2005	ULTRASONIC MEDICAL INSTRUMENT AND MEDICAL INSTRUMENT CONNECTION ASSEMBLY	ETHICON ENDO- SURGERY, INC	16/01/2009	KOLKATA
4	269125	987/KOL/2006	27/09/2006	30/11/2005	AN ENGINE CONTROL SYSTEM AND A METHOD FOR MONITORING FLOW RESTRICTION THROUGH AN EXHAUST GAS RECIRCULATION SYSTEM OF AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	29/06/2007	KOLKATA
5	269127	433/KOL/2008	04/03/2008	15/05/2007	A CONTROL SYSTEM AND A METHOD FOR CONTROLLING REGENERATION OF A PARTICULATE FILTER IN AN EXHAUST SYSTEM OF A DIESEL ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
6	269128	4341/KOLNP/2007	12/05/2006	12/05/2005	APPARATUS FOR TISSUE CAUTERIZATION	ARAGON SURGICAL, INC.	21/03/2008	KOLKATA
7	269129	144/KOL/2005	07/03/2005	13/04/2004	PAINT SPRAY GUN	HSING-TZU WANG	16/02/2007	KOLKATA
8	269130	1869/KOLNP/2005	16/03/2004	17/03/2003	METHOD TO ASSEMBLE CURTAIN WALLS AND CURTAIN WALL ADOPTING THE METHOD	ALPROGETTI SRL	20/07/2007	KOLKATA

9	269132	2301/KOLNP/2006	11/02/2005	12/02/2004	DRUG CONJUGATES.	THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK	25/05/2007	KOLKATA
10	269136	1333/KOLNP/2007	19/09/2005	20/09/2004	METHOD AND SYSTEM FOR ANTI- ALIASING BY PIXEL SAMPLING	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	20/07/2007	KOLKATA
11	269137	1399/KOL/2008	19/08/2008	30/08/2007	COMBUSTION MODE CONTROL SYSTEM FOR DIESEL ENGINE HAVING SWITCHING CONTROL BASED ON INTAKE CARBON DIOXIDE (CO2) CONCENTRATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
12	269140	3824/KOLNP/2006	11/07/2005	09/07/2004	FINGER OR TOE PROSTHESIS	OTTO BOCK HEALTHCARE PRODUCTS GMBH	22/06/2007	KOLKATA
13	269141	2072/KOLNP/2007	25/11/2005	13/12/2004	DISTRIBUTOR MAST OF A CONCRETE PUMP HAVING AN PRESSURE FEED LINE AND AN END HOSE FOR THE DISCHARGE OF LIQUID CONCRETE	PUTZMEISTER ENGINEERING GMBH	10/08/2007	KOLKATA
14	269143	1379/KOL/2008	18/08/2008	17/08/2007	SYSTEMS AND METHODS FOR OPERATING AN ACTIVE FUEL MANAGEMENT ENGINE SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
15	269144	139/KOL/2005	03/03/2005	04/03/2004	METHOD OF DELIVERING LIQUID STERILANT TO A STERILIZER	ETHICON, INC.	26/01/2007	KOLKATA
16	269146	1424/KOL/2008	22/08/2008	27/09/2007	A TORSIONAL DAMPER ASSEMBLY FOR ATTENUATING TORSIONAL AND VIBRATIONS TRANSMITTED TO A POWER TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
17	269149	2228/KOL/2008	30/12/2008		A PROCESS FOR THE PRODUCTION OF 9, 9-DIALKYL SUBSTITUTED FLUORENE MONOMER AND OBTAINING THE POLYFLUORENE POLYMERS (PFO) THEREOF.	INDIAN INSTITUTE OF TECHNOLOGY	02/07/2010	KOLKATA
18	269150	3713/KOLNP/2007	03/03/2006	23/05/2005	A DELIVERY SYSTEM FOR AN EDIBLE COMPOSITION	INCONTINENTAL GREAT BRANDS LLC	21/03/2008	KOLKATA

19	269151	1111/KOLNP/2009	26/09/2007	28/09/2006	POLYCYCLIC AGENTS FOR THE TREATMENT OF RESPIRATORY SYNCYTIAL VIRUS INFECTIONS	BIOTA SCIENTIFIC MANAGEMENT PTY LTD	22/05/2009	KOLKATA
20	269155	2860/KOLNP/2008	26/12/2006	05/01/2006	MONITORING PHOTODETECTOR FOR INTEGRATED PHOTONIC DEVICES	BINOPTICS CORPORATION	06/02/2009	KOLKATA
21	269160	2762/KOLNP/2009	22/01/2008	30/01/2007	PROCESS FOR THE PREPARATION OF 8- HYDROXY-5[(1R)-1- HYDROXY-2[[(1R)-2- (4- METHOXYPHENYL)-1- METHYLETHYL]AMIN O]-ETHYL]-2(1H)- QUINOLINONE MONOHYDROCHLORI DE	CHIESI FARMACEUTICI S.P.A.	11/09/2009	KOLKATA
22	269162	2200/KOLNP/2009	03/09/2007	30/11/2006	METHOD, SYSTEM AND DEVICE FOR INCREASING MULTIMEDIA MESSAGING SERVICE SYSTEM CAPACITY	HUAWEI TECHNOLOGIES CO., LTD.	03/07/2009	KOLKATA
23	269163	758/KOLNP/2007	21/09/2005	21/09/2004	NOVEL LACCASE ENZYME	AB ENZYMES OY	13/07/2007	KOLKATA
24	269164	2938/KOLNP/2009	06/03/2008	06/03/2007	DIALDIMINE, EMULSION CONTAINING DIALDIMINE, AND BICOMPONENT POLYURETHANE COMPOSITION	SIKA TECHNOLOGY AG	11/09/2009	KOLKATA
25	269165	599/KOLNP/2009	14/06/2007	05/09/2006	TUNABLE ANTENNAS FOR HANDHELD DEVICES	APPLE INC.	15/05/2009	KOLKATA
26	269167	87/KOL/2008	11/01/2008	17/01/2007	AN APPARATUS FOR DEBURRING WITH PLANING TOOLS A METAL STRAND CUT TO LENGTH BY GAS CUTTING	FRAMAG INDUSTRIEANLAGEN BAU GMBH	29/08/2008	KOLKATA
27	269168	2135/KOLNP/2007	22/11/2005	03/12/2004	MESSAGE BASED EXPENSE APPLICATION	ORACLE INTERNATIONAL CORPORATION	07/09/2007	KOLKATA
28	269171	3769/KOLNP/2008	16/03/2007	17/03/2006	METHODS FOR STABILIZING OXIDATIVELY UNSTABLE COMPOSITIONS	JOHNSON & JOHNSON VISION CARE, INC.	27/02/2009	KOLKATA

29	269172	713/KOLNP/2008	06/05/2004	06/05/2003	A CHIMERIC PROTEIN COMPRISING A FIRST POLYPEPTIDE CHAIN AND A SECOND POLYPEPTIDE CHAIN, WHEREIN SAID FIRST CHAIN COMPRISES A CLOTTING FACTOR	BIOGEN IDEC HEMOPHILIA, INC.	21/11/2008	KOLKATA
30	269173	1655/KOLNP/2007	24/10/2005	22/10/2004	AN AMPHIBIOUS PERSONAL WATERCRAFT VEHICLE.	GIBBS TECHNOLOGIES LTD.	17/08/2007	KOLKATA
31	269175	2482/KOLNP/2007	21/06/2005	27/12/2004	DEVICE FOR THE SELECTIVE AND PROGRESSIVE LOCKING OF METAL CONTAINERS	FRATTINI S.P.A. COSTRUZIONI MECCANICHE	24/08/2007	KOLKATA
32	269181	1093/KOL/2006	18/10/2006		EXTERNAL SEALING TOOL FOR HYDRAULIC PIPE TESTING	Steel Authority of India Limited	16/05/2008	KOLKATA
33	269183	1902/KOLNP/2008	27/12/2002	27/12/2001	A PROCESS FOR PRODUCING THE OXIDIZED COENZYME Q10	KANEKA CORPORATION	09/01/2009	KOLKATA
34	269190	334/KOL/2006	13/04/2006	02/05/2005	APPARATUS FOR PACKAGING PRODUCTS IN BOXES	O.A.MSOCIETA 'PER AZIONI	22/06/2007	KOLKATA
35	269194	1557/KOLNP/2008	21/11/2005	21/11/2005	A METHOD OF MANUFACTURING A STARTING DEVICE FOR A THREE-PHASE ELECTRIC MOTOR, AND A STARTING DEVICE	SIEMENS AKTIENGESELLSCHA FT	26/12/2008	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of ESS ESS BATHROOM PRODUCTS PVT. LTD registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
196544, 196545, 196546, 196547, 196548, 196549, 196550, 196551, 196552, 196553, 196554, 196555, 196556, 196557, 196558	23-01	ASIAN PAINTS LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT 6/A, ASIAN PAINTS HOUSE, SHANTINAGAR INDL. ESTATE, VAKOLA PIPELINE LANE, SANTACRUZ (EAST), MUMBAI-400 055

CANCELLATION PROCEEDINGS under Section 19 (1) of the Designs Act, 2000 & Designs (Amendment) Rules, 2008

(01)

"Kartik Damjibhai Patel, sole proprietor of Kavin Technologies having its office address at U-39, Diamond World, Mini Bazar, Varachha, Surat – 395006, Gujarat, India has filed a petition on 01/09/2015 (Petition No. Can/041/2015) for cancellation of registration of registered Design No. 253469 dated 26/04/2013 under Class 15-99 titled as "Diamond Processing Machine" in the name of 1) Prakash H. Rakholia 2) Shilpa P. Rakholia and 3) Bharat C. Kotadia all Indian national partner of Dharmaj Technologies, an Indian partnership firm having its principal place of business at address: 28, Sahajanand Bhuvan, Mali Ni Wadi, A.K. Road, Surat-395008, Gujarat, India."

(02)

"J K Polychem through its proprietor Mrs. Urmil Aggarwal, Plot No.544, Phase – 9, Industrial Area, Mohali, Punjab – 160059, nationality: Indian has filed a petition on 22/09/2015 (Petition No. Can/043/2015) for cancellation of registration of registered Design No. 263719 dated 27/06/2014 under Class 09-03 titled as "Packaging Container" in the name of Conjun Thermosets & Indo-Chem is a proprietorship firm of #504, Sector -32-A, Chandigarh – 160030, India."

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197654	24.08.2015
2.	197655	24.08.2015
3.	198762	24.08.2015
4.	198763	24.08.2015
5.	198764	24.08.2015
6.	198765	24.08.2015
7.	198766	24.08.2015
8.	200349	25.08.2015
9.	200354	25.08.2015
10.	200417	25.08.2015
11.	200852	24.08.2015
12.	200853	24.08.2015
13.	200855	24.08.2015
14.	200856	24.08.2015

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER		267179	
CLASS		24-02	
1)KARL STORZ GMBH & CO. MITTELSTRASSE 8, D-78532			
DATE OF REGISTRATION		03/11/2014	
TITLE	MEDICAL INS	TRUMENT FOR SUCTI- IRRIGATION	ON AND
PRIORITY			V653322537999
PRIORITY NUMBER	DATE	COUNTRY	
002465666-0001	16/05/2014	OHIM	
DESIGN NUMBER		268387	
CLASS		12-11	
1) HONDA MOTOR CO., LTD., 1-1, MINAMI-AOYAMA 2-CH JAPAN			
DATE OF REGISTRATION	24	4/12/2014	
TITLE	MOTO	OR SCOOTER	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
2014-014770	04/07/2014	JAPAN	
DESIGN NUMBER		269193	
CLASS		09-01	
1)GSP CROP SCIENCE PRIVA UNDER THE COMPANIES ACT 404, LALITA COMPLEX, OPP NAVRANGPURA, AHMEDABAD	T, 1956) HAVING IT . HDFC BANK, NEA	S PLACE OF BUSINES AR MITHAKHALI SIX R	SAT
DATE OF REGISTRATION		29/01/2015	
TITLE		BOTTLE	
PRIORITY NA			

DESIGN NUMBER	269023	
CLASS	09-01	

1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG.,

N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	21/01/2015	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	271174	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.

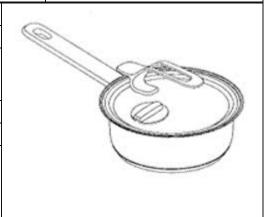
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268706		
CLASS	07-02		
1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE			
LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT			
14901 S. ORANGE BLOSSOM	TRAIL ORLANDO, FLORIDA 32837, U.S.A.		

DATE OF REGISTRATION	08/01/2015	
TITLE	COOKWARE	
PDIODIEN.		

FRIORITI			
PRIORITY NUMBER	DATE	COUNTRY	
29/497,081	21/07/2014	U.S.A.	



DESIGN NUMBER	269260		
CLASS	12-15		
1)MRF LIMITED (AN INDIAN COMPANY), MRF LIMITED, 114 GREAMS ROAD, CHENNAI 600006, TAMIL NADU, INDIA			
DATE OF REGISTRATION	03/02/2015		
TITLE	TYRE TREAD		



PRIORITY NA

DESIGN NUMBER	269983		
CLASS 24-01			
1)MERIL ENDO-SURGERY PRIVATE LIMITED HAVING ADDRESS AT SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA			
DATE OF REGISTRATION 27/02/2015			

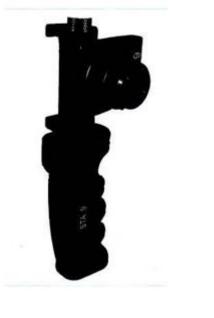
	MIRUS Sun Stapper
- Recensive	N DAV
1	

PRIORITY NA

TITLE

DESIGN NUMBER 270056		
CLASS 10-04		
1)LIFE LINE SECURITY & SYSTEM, AN INDIAN PROPRIETORSHIP FIRM, HAVING ADDRESS AT 20, FARISHTA COMPLEX, G. E ROAD, RAIPUR - 492001, CHHATTISGARH, INDIA		
DATE OF REGISTRATION 02/03/2015		
TITLE STATIC THERMAL ANALYZER		

SKIN STAPLER

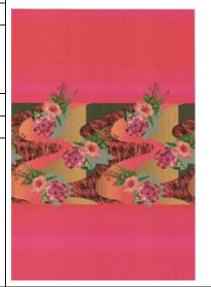


DESIGN NUMBER	271147
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	223072
CLASS	07-04

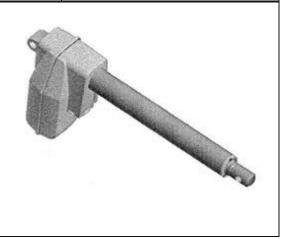
1)SHREE GANESH INDUSTRIES

R-3, KASTURI ESTATE, OPP: SWAGAT HOTEL,GODDEV ROAD, BHAYANDAR EAST - 401105, DIST. THANE, MAHARASHTRA, INDIA

DATE OF REGISTRATION	29/05/2009	
TITLE	HAND JUICER	



DESIGN NUMBER	269170		
CLASS	15-99		
1)LINAK A/S, A DANISH JOINT STOCK COMPANY, OF SMEDEVANGET 8, GUDERUP, DK-6430 NORDBORG, DENMARK			
DATE OF REGISTRATION	29/01/2015		
TITLE	LINEAR ACTUATOR USED FOR GENERAL PURPOSES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DA 2014 00071	29/07/2014	DENMARK	



DESIGN NUMBER 269433		
CLASS 15-99		

1)KALANI JUGAL KISHORE KUNJILAL, AN INDIAN NATIONAL, WHOSE ADDRESS IS

H-2, OLD M.I.D.C., SATARA-415-004, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/02/2015	
TITLE	FEED RING FOR ROTOR CRUSHER	



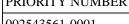
PRIORITY NA

CLASS 21-01	DESIGN NUMBER	270438
	CLASS	21-01

1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF

AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY

DATE OF REGISTRATION		19/03/2015		
TITLE	MODEL CAR			
PRIORITY				
DDIODITII IIII IDED		D 4 mm	COLUMNIC	



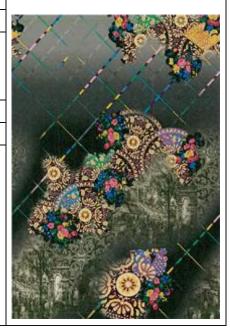
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002543561-0001	23/09/2014	OHIM

DESIGN NUMBER	271169
CLASS	05-05

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A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	

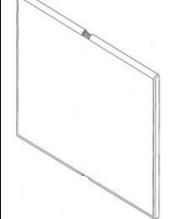


DESIGN NUMBER	271271
CLASS	14-03

1)LG ELECTRONICS INC.

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	08/04/2015	
TITLE	MOBILE PHONE	



PRIORITY

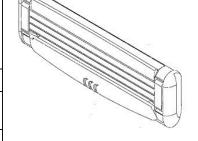
PRIORITY NUMBER	DATE	COUNTRY
30-2014-0048638	08/10/2014	REPUBLIC OF KOREA

DESIGN NUMBER	267958	
CLASS	28-03	

1)THE GILLETTE COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA HAVING ITS REGISTERED OFFICE AT

IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/12/2014	
TITLE	REPLACEABLE CARTRIDGE FOR A SHAVING RAZOR	
DDIODITY		



PRIORITY

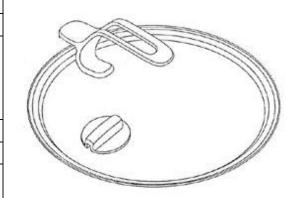
INONIII			
PRIORITY NUMBER	DATE	COUNTRY	
29/493837	13/06/2014	U.S.A.	

DESIGN NUMBER	268704
CLASS	07-02

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION 08/01/2015	
TITLE COOKWARE	LID



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/497,080	21/07/2014	U.S.A.

DESIGN NUMBER	269259
CLASS	12-15
1)MRF LIMITED (AN INDIAN COMPANY), MRF LIMITED, 114 GREAMS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	03/02/2015
TITLE	TYRE TREAD



PRIORITY NA

DESIGN NUMBER	269533
CLASS	15-07

1)GREENWAY GRAMEEN INFRA PVT LTD, HAVING NATIONALITY OF INDIA OF THE ADDRESS

301, CHAWLA COMPLEX, SECTOR 15, CBD-BELAPUR, NAVI MUMBAI-400614, STATE-MAHARASHTRA, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	COOLER FOR LIQUIDS

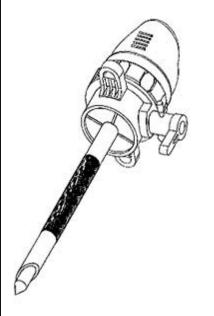


PRIORITY NA

DESIGN NUMBER	269982
CLASS	24-01

1)MERIL ENDO-SURGERY PRIVATE LIMITED HAVING ADDRESS AT SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA

DATE OF REGISTRATION	27/02/2015
TITLE	SURGICAL TROCAR



DESIGN NUMBER	268921	
CLASS	15-06	
	LERS (CBE) LIMITED, AN INDIAN	
COMPANY HAVING ITS COR SULUR RAILWAY FEEDER		ou,
DATE OF REGISTRATION	16/01/2015	
TITLE	TRAVELLER INSERTION TOOL FOR SPINNING MACHINE	V
PRIORITY NA		
DESIGN NUMBER	270055	
CLASS	24-01	A
AT	CRIVATE LIMITED HAVING ADDRESS KHIA HOUSE, MUKTANAND MARG, T, INDIA	
DATE OF REGISTRATION	02/03/2015	Show Standalds
TITLE	SURGICAL CIRCULAR STAPLER	
PRIORITY NA		
DESIGN NUMBER	270954	
CLASS	06-01	
UNDER THE PROVISION OF I ADDRESS AT CORPORATE AVENUE, 'B'	UBLIC LIMITED COMPANY REGISTERI NDIAN COMPANIES ACT, 1956, HAVING WING, CELLO HOUSE, SONAWALA ROAD 400063, MAHARASHTRA, INDIA	OFFICE
DATE OF REGISTRATION 06/04/2015		// / / //
TITLE	CHAIR FOR KIDS	// / / / / / / / / / / / / / / / / / /
PRIORITY NA		

DESIGN NUMBER	271146
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT	

07/04/2015

TEXTILE FABRIC



PRIORITY NA

TITLE

DATE OF REGISTRATION

DESIGN NUMBER	223069
CLASS	04-01
1)MASCOT CORPORATION, 152, NARAYAN DHURU STREET NATIONAL, STATE OF MAHARASI	Γ, 2ND FLOOR, MUMBAI -400 003, INDIAN HTRA, (INDIA),
DATE OF REGISTRATION	29/05/2009
TITLE	SCRUBBER



PRIORITY NA

DESIGN NUMBER	267295
CLASS	09-01

1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA

DATE OF REGISTRATION	10/11/2014
TITLE	BOTTLE

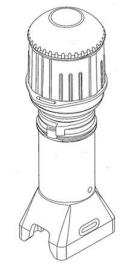


DESIGN NUMBER	267969
CLASS	13-03

1)PENTAIR THERMAL MANAGEMENT LLC,

307 CONSTITUTION DRIVE, MENLO PARK, CA 94025, U.S.A., NATIONALITY: U.S.A.

DATE OF REGISTRATION	05/12/2014
TITLE	SIGNAL LAMP



PRIORITY

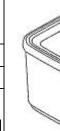
PRIORITY NUMBER	DATE	COUNTRY
29/493,147	05/06/2014	U.S.A.

DESIGN NUMBER	268712
CLASS	09-03

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837,

U.S.A.

DATE OF REGISTRATION	08/01/2015
TITLE	STORAGE CONTAINER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/496,893	18/07/2014	U.S.A.

DESIGN NUMBER	268956
CLASS	09-01

1)MR. GHISULAL D. RATHOD, MR. PRADEEP G. RATHOD, MR. PANKAJ G. RATHOD, MR. GAURAV P. RATHOD, MRS. SANGEETA P. RATHOD AND MRS. BABITA P. RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO HOUSEHOLD PRODUCTS, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063

DATE OF REGISTRATION	20/01/2015
TITLE	BOTTLE



DESIGN NUMBER		270245	
CLASS		06-04	
1)PAUL HETTICH GMBH & (VAHRENKAMPSTRASSE 12-	CO. KG, A GERMA	N COMPANY OF	
DATE OF REGISTRATION	10	/03/2015	
TITLE	FURNI	TURE RACK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002535237-0019	10/09/2014	OHIM	
DESIGN NUMBER		270962	
CLASS		05-05	
CHANDER BINDRA, R/O BINDRA FARM, F-4 ANS DELHI-110074 DATE OF REGISTRATION	AL VILLA, NEAR O	CSKM SCHOOL, SATBA	ARI, NEW
TITLE		TEXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		271150	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS OF CUNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDCO	COMPANIES ACT, 1	1956 HAVING ITS	STERED
DATE OF REGISTRATION		07/04/2015	
TITLE		TEXTILE FABRIC	
PRIORITY NA			

DESIGN NUMBER	267940
CLASS	09-07

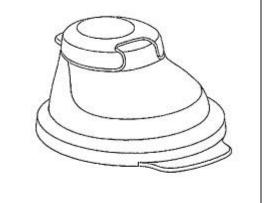
1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

TITLE LID FOR CONTAINER	DATE OF REGISTRATION	05/12/2014
	TITLE	LID FOR CONTAINER



ш	PRIORITY NUMBER	DATE	COUNTRY
	29/493,694	12/06/2014	U.S.A.



DESIGN NUMBER	269216
CLASS	22-06
	•

1)STELSON QUADROS, INDIAN INHABITANT, HAVING HIS OFFICE AT

301, VAIDYA VILLA, J. K. MEHTA LANE, SANTACRUZ (WEST), MUMBAI-400054, STATE OF MAHARASHTRA, INDIA, OF ABOVE **ADDRESS**

DATE OF REGISTRATION	30/01/2015
TITLE	TRAP USED FOR RODENT
DDIODITY NA	



PRIORITY NA

DESIGN NUMBER	269047
CLASS	02-04

1)GEETA BAHRI, AN INDIAN NATIONAL HAVING ADDRESS ΑT

22A, GORACHAND ROAD, KOLKATA-700014, WEST BENGAL, INDIA

DATE OF REGISTRATION	22/01/2015
TITLE	SANDAL



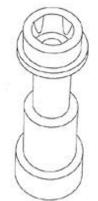
DESIGN NUMBER		270479	
CLASS		15-99	9
1)SIKA TECHNOLOGY AG, ZUGERSTRASSE 50, CH-6340 SWITZERLAND	BAAR (SWITZERI	LAND), A COMPANY OF	
DATE OF REGISTRATION		20/03/2015	
TITLE	ADAPTE	ER WITH CARTRIDGE AND CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
141007	23/09/2014	SWITZERLAND	
DESIGN NUMBER		270951	
CLASS		06-01	
GOREGAON (EAST), MUMBAI-4 DATE OF REGISTRATION			
ADDRESS AT CORPORATE AVENUE, 'B' W	ING. CELLO HOUS	SE. SONAWALA ROAD.	
, , , ,	UUU63, MAHAKASI		- 7
		06/04/2015 CHAIR	
TITLE		CHAIR	
PRIORITY NA			
DESIGN NUMBER		265608	200
CLASS		20-99	
1)EXEYES TECHNOLOGIES I PLOT NO : BXXX/445/2, MOH KHURD, LUDHIANA, 141010		HOSPITAL ROAD, SHERPUR	
DATE OF REGISTRATION		11/09/2014	
TITLE	ELECTRONI	IC PROXIMITY TABLE STAND	
PRIORITY NA			

DESIGN NUMBER	222992
CLASS	21-01

1)LEGO A/S

AASTVEJ 1, DK-7190 BILLUND, DENMARK

DATE OF REGISTRATION	26/05/2009
TITLE	TOY BUILDING ELEMENT



PRIORITY

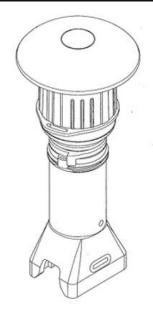
PRIORITY NUMBER	DATE	COUNTRY
001050645	28/11/2008	U.K.

DESIGN NUMBER	267970
CLASS	13-03

1)PENTAIR THERMAL MANAGEMENT LLC,

307 CONSTITUTION DRIVE, MENLO PARK, CA 94025, U.S.A., NATIONALITY:

DATE OF REGISTRATION	05/12/2014
TITLE	SIGNAL LAMP



PRIORITY

П	11101111		
	PRIORITY NUMBER	DATE	COUNTRY
	29/493,147	05/06/2014	U.S.A.

DESIGN NUMBER	268298
CLASS	23-01

1)GARCIA GARCIA, ANTONIO AND GARCIA GARCIA, DOMINGO BOTH SPANISH BY NATIONALITY WHOSE ADDRESS IS

C/TRIANA, 6-E23430 JAEN, SPAIN

DATE OF REGISTRATION	19/12/2014
TITLE	SPRAYING DEVICES FOR SPRAYING LIQUID

PRIORITY

PRIORITY NUMBER DAT	E COUNTRY
002488031-0001 23/0	5/2014 OHIM



DESIGN NUMBER	269266
CLASS	07-02

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	03/02/2015
TITLE	CONTAINER
TITLE	CONTINUENC



DESIGN NUMBER

PRIORITY NUMBER	DATE	COUNTRY
29/499,260	13/08/2014	U.S.A.



CLASS	05-03
1)SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE BOTH INDIAN	
NATIONALS AND PARTNERS OF	M/S SARVASACHI COLITURE AN INDIAN

269657

PARTNERSHIP FIRM HAVING ITS OFFICE AT

86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA

DATE OF REGISTRATION	18/02/2015
TITLE	EMBROIDERY



PRIORITY NA

DESIGN NUMBER	268965
CLASS	06-03

1)M/S. VICTORY VISION HOME APPLIANCES PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING **OFFICE AT**

NO. 40-B, NORTH MADA PILLAIYAR KOIL STREET, KOYAMBEDU, CHENNAI-600107, TAMILNADU, INDIA

DATE OF REGISTRATION	20/01/2015
TITLE	FOLDABLE TABLE



DEGLEM NUMBER	270122	
DESIGN NUMBER	270132	
CLASS	03-01	
THE COMPANIES ACT, 1956 A	E LIMITED, A REGISTERED COMPANY UNDER ND HAVING ITS REGISTERED OFFICE AT LATE PARK, 7TH FLOOR, OFF. AAREY ROAD, 00063 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	04/03/2015	P
TITLE	MOBILE PHONE CASE WITH CARD HOLDER	
PRIORITY NA		gury.
DESIGN NUMBER	270496	
CLASS	17-01	
SHAVEIZ ENGINEERING WOR	ETOR), NATIONALITY INDIAN TRADING AS IKS WHOSE ADDRESS IS 0. 23, BRAHMPURI, DELHI-110053	
DATE OF REGISTRATION	23/03/2015	
TITLE	COLOUMN FLYER	
PRIORITY NA		
DESIGN NUMBER	271151	
CLASS	05-05	(1.00 to 1.00
UNDER THE PROVISION OF COREGISTERED OFFICE AT	& PRINTS PVT. LTD. A COMPANY REGISTERED OMPANIES ACT, 1956 HAVING ITS , PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	07/04/2015	0.000
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271205
CLASS	07-04

1)SARAJUBHAI KHIMJIBHAI HINSU AN INDIAN NATIONAL AND HAVING ADDRESS AT

25, SAMRAT INDUSTRIAL AREA, NR. S. T. WORK SHOP, RAJKOT-360004 (GUJARAT) INDIA

DATE OF REGISTRATION	07/04/2015
TITLE	VEGETABLE SCRAPER



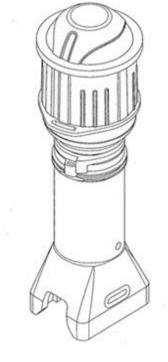
PRIORITY NA

DESIGN NUMBER	267972
CLASS	13-03
1\DENTAID THEDMAL MANACEMENT LIC	

1)PENTAIR THERMAL MANAGEMENT LLC,

307 CONSTITUTION DRIVE, MENLO PARK, CA 94025, U.S.A., NATIONALITY: U.S.A.

DATE OF REGISTRATION	05/12/2014
TITLE	SIGNAL LAMP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/493,147	05/06/2014	U.S.A.

DESIGN NUMBER	268841
CLASS	11-03

1)ESSEL MARKETING & PROMOTIONS PVT LTD. AN INDIAN COMPANY HAVING HIS ADDRESS AT

208-A, BOOMERANG, CHANDIVALI FARM ROAD, CHANDIVALI, ANDHERI (EAST), MUMBAI, MAHARASHTRA, INDIA, PIN-400072

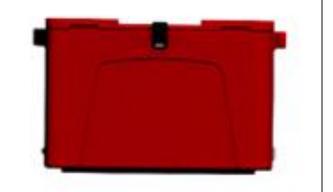
DATE OF REGISTRATION	13/01/2015
TITLE	BADGE
PRIORITY NA	



DESIGN NUMBER	268306
CLASS	09-03

1)M/S PROMENS (INDIA) PVT. LTD. WHOSE ADDRESS IS,-601, VENUS ATLANTIS CORPORATE PARK, ANANDNAGAR ROAD, PRAHLADNAGAR, AHMEDABAD-380015, GUJARAT, INDIA

DATE OF REGISTRATION	19/12/2014
TITLE	CONTAINER



PRIORITY NA

CLASS 07-04	

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	03/02/2015
TITLE UT	ENSIL WITH CUTTING BOARD



PRIORITY NUMBER	DATE	COUNTRY
29/499,269	13/08/2014	U.S.A.



DESIGN NUMBER	269658
CLASS	05-03

1)SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE BOTH INDIAN NATIONALS AND PARTNERS OF M/S. SABYASACHI COUTURE AN INDIAN PARTNERSHIP FIRM HAVING ITS OFFICE AT

 $86/\mathrm{C},$ JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA

DATE OF REGISTRATION	18/02/2015
TITLE	EMBROIDERY





DESIGN NUMBER		270497	
CLASS		12-16	
1)AUDI AG, A JOINT STOCK C LAW OF AUTO-UNION-STR. 1, D-85045		ED UNDER GERMAN	
DATE OF REGISTRATION		3/03/2015	1000
TITLE		M FOR VEHICLES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002542191-0001	22/09/2014	OHIM	
DESIGN NUMBER		271152	
CLASS		05-05	***************************************
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	MPANIES ACT, 1956 F	IAVING ITS	ED
DATE OF REGISTRATION	07	7/04/2015	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		271206	
CLASS		07-04	
1)SARAJUBHAI KHIMJIBHAI I ADDRESS AT 25, SAMRAT INDUSTRIAL AR (GUJARAT) INDIA			
DATE OF REGISTRATION	07	7/04/2015	
TITLE	CRUSHEI	R FOR KITCHEN	
PRIORITY NA			

DESIGN NUMBER		268443	
CLASS	04-02		
1)TANGLE TEEZER LIMITED, A ORGANIZED AND EXISTING IN U OFFICE AT 143 ACRE LANE, LONDON SW2	INITED KINGDOM H	AVING REGISTERED	
DATE OF REGISTRATION	26/12/2014		
TITLE	HAIR BRUSH		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002494328	01/07/2014	OHIM	
DESIGN NUMBER		268867	
CLASS		02-02	1
DATE OF REGISTRATION TITLE PRIORITY NA		4/01/2015 ARMENT	
DESIGN NUMBER	270536		
CLASS	28-03		
1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF HIGH TECH CAMPUS 5, 5656 AF DATE OF REGISTRATION TITLE	EDOM OF THE NETH ICE ADDRESS IS E EINDHOVEN, THE N	ERLANDS, RESIDING A	T
-	1		

DESIGN NUMBER		270911	
CLASS		09-01	
1)PRAMIT SANGHAVI, AN IND WZ-8/1, INDUSTRIAL AREA, K		, WHOSE ADDRESS IS	
DATE OF REGISTRATION		01/04/2015	
TITLE		JAR	
PRIORITY NA			
DESIGN NUMBER		271053	
CLASS		02-04	
1)FLORENSFOOTWEAR (INDI BAHADURGARH, HARYANA, IN (AN INDIAN COMPANY DULY 1956)	DIA		
DATE OF REGISTRATION		06/04/2015	1
TITLE		FOOTWEAR	100
PRIORITY NA			
DESIGN NUMBER		269405	
CLASS		28-03	
1)JVD TECHNOLOGIES (ASIA) EXISTING UNDER THE LAWS O 12 LOYANG WALK, SINGAPO	F SINGAPORE C		
DATE OF REGISTRATION		09/02/2015	
TITLE		HAIR DRYER	# /# /# /# /# /# /# /# /# /# /# /# /# /#
PRIORITY		lacen	
PRIORITY NUMBER	DATE	COUNTRY	

SINGAPORE

14/08/2014

D2014/977/D

05-03 UKUMAR MUKHERJEE TRADING AS ARTNERSHIP FIRM HAVING ITS 00029, WEST BENGAL, INDIA 18/02/2015 EMBROIDERY	
ARTNERSHIP FIRM HAVING ITS 00029, WEST BENGAL, INDIA 18/02/2015 EMBROIDERY 269774	
EMBROIDERY 269774	
269774	
23-02	
E ADDRESS IS ROAD, AMBEDKAR COLONY,	Alline
23/02/2015	
URINAL SCREEN	
	INV
270164	
08-06	
2: 212-215, LODHIKA, G.I.D.C., -360003, STATE OF GUJARAT INDIA, / ORPORATED UNDER INDIAN	
	270164 08-06 2: 212-215, LODHIKA, G.I.D.C., -360003, STATE OF GUJARAT INDIA, /

DESIGN NUMBER	271154
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271219
CLASS	09-07

1)MR. GHISULAL RATHOD, MR. PRADEEP G. RATHOD, MR. PANKAJ G. RATHOD, MR. GAURAV P. RATHOD, MRS. SANGEETA P. RATHOD AND MRS. BABITA P. RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO HOUSEHOLD PRODUCTS, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063

DATE OF REGISTRATION	08/04/2015
TITLE	CAP FOR BOTTLE
PRIORITY NA	



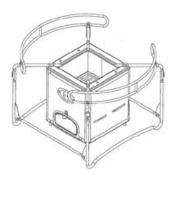
PRIOF	KIT	Y.	NA
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DESIGN NUMBER	268326
CLASS	07-02

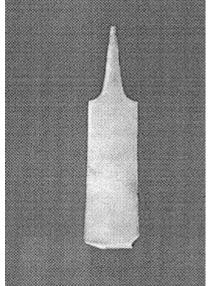
1)ENVIROFIT INTERNATIONAL, LTD., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF COLORADO, OF

109 NORTH COLLEGE AVENUE, SUITE 200, FORT COLLINS, COLORADO 80524 USA

DATE OF REGISTRATION 22/12		2/12/2014
TITLE	STOVE	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
29/494,676	23/06/2014	U.S.A.



DESIGN NUMBER	268405	
CLASS 24-02		
1)POSWAL, ARVIND HAVING NATIONALITY OF INDIA OF THE ADDRESS DR. A'S CLINIC, B-104, C.R. PARK, NEW DELHI, INDIA		
DATE OF REGISTRATION 24/12/2014		
TITLE	INCISOR	



PRIORITY NA

DESIGN NUMBER	269777
CLASS	23-04

1)PAVAN KUMAR JAIN, VIBHOR JAIN, TRILESH JAIN (DIRECTORS), NATIONALITY INDIAN TRADING AS MANKASTU IMPEX PVT. LTD. (THIS COMPANY IS REGISTERED UNDER COMPANIES ACT-1956) WHOSE ADDRESS IS

A-64, SHANKER GARDEN, VIKAS PURI, NEW DELHI-110018

DATE OF REGISTRATION	23/02/2015
TITLE	AIR PURIFIER



PRIORITY NA

271347	
09-01	
1)RAMAN GUPTA, RAJESH KUMAR GUPTA AND REENA GUPTA, ALL ARE INDIAN CITIZEN, PARTNERS OF BONJOUR INTERNATIONAL, 15UA JAWAHAR NAGAR, DELHI-110007, INDIA	
DATE OF REGISTRATION 13/04/2015	
FLASK	



DESIGN NUMBER		,	271223	
CLASS			23-04	
1)WIM PLAST LIMITED, A PUL UNDER THE PROVISION OF IN ADDRESS AT 5 CORPORATE AVENUE, 'B' V GOREGAON (EAST), MUMBAI-40	DIAN COM VING, CELI	IPANIES ACT	C. 1956, HAVING OFFICE ONAWALA ROAD,	
DATE OF REGISTRATION		08	/04/2015	
TITLE		AIR	COOLER	
PRIORITY NA	T		V20101	
DESIGN NUMBER			268101	
CLASS	ODDODAT		10-04	
1)METTLER-TOLEDO AG, A C UNDER THE LAWS OF SWITZE IM LANGACHER 44, CH-8606	RLAND, O	F		
DATE OF REGISTRATION		10	/12/2014	25
TITLE		WEIGHING PAN		
PRIORITY PRIORITY NUMBER	DA	ГЕ	COUNTRY	
PRIORITY PRIORITY NUMBER 002500900		ΓΕ 07/2014	COUNTRY OHIM	
PRIORITY NUMBER 002500900		07/2014	ОНІМ	
PRIORITY NUMBER 002500900 DESIGN NUMBER		26840	OHIM 3	
PRIORITY NUMBER 002500900 DESIGN NUMBER CLASS	11/0	07/2014	OHIM 3	
PRIORITY NUMBER 002500900 DESIGN NUMBER CLASS 1)GODREJ & BOYCE MFG. CO LOCKS DIVISION (PLANT-18)	D. LTD. OF	26840 07-06 NAGAR, VIK	OHIM 3	
PRIORITY NUMBER 002500900 DESIGN NUMBER CLASS 1)GODREJ & BOYCE MFG. CO	D. LTD. OF	26840 07-06 NAGAR, VIK	OHIM 3 5 CHROLI, MUMBAI -	

DESIGN NUMBER	269662	
CLASS	05-03	
1)SABYASACHI MUKHERJEE AND SABYASACHI COUTURE AN INDIAN OFFICE AT 86/C, JATIN DAS ROAD, KOLKATA		
DATE OF REGISTRATION	18/02/2015	Pagar
TITLE	EMBROIDERY	E + 1
PRIORITY NA		A total
DESIGN NUMBER	269776	
CLASS	23-04	
IS A-64, SHANKER GARDEN, VIKAS F DATE OF REGISTRATION TITLE PRIORITY NA	COMPANIES ACT-1956) WHOSE ADDRESS PURI, NEW DELHI-110018 23/02/2015 AIR PURIFIER	
DESIGN NUMBER	271346	
CLASS	07-01	
1)RAMAN GUPTA, RAJESH KUMAI INDIAN CITIZEN, PARTNERS OF BO 15UA JAWAHAR NAGAR, DELHI-1		
DATE OF REGISTRATION	13/04/2015	
TITLE	FLASK	
PRIORITY NA		

DESIGN NUMBER	271037
CLASS	09-07

1)M/S HAMILTON HOUSEWARES PVT. LTD. AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING REGISTERED PLACE OF BUSINESS AT

KAISER-1-HIND BUILDING, 3RD FLOOR, CURRIMBHOY ROAD, BALLARD ESTATE, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	BOTTLE LID



PRIORITY NA

DESIGN NUMBER	271158
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	268842
CLASS	09-01

1)PARAG MILK FOODS PVT. LTD., WHOSE ADDRESS

FLAT NO. 1, PLOT NO. 19, NAV RAJASTHAN CO-OPERATIVE HOUSING SOCIETY, BEHIND RATNA MEMORIAL HOSPITAL, S.B.ROAD, PUNE-411016, MAHARASHTRA, INDIA, NATIONALITY-INDIA

DATE OF REGISTRATION	13/01/2015
TITLE	JAR



DESIGN NUMBER	269272
CLASS	09-02

1)RAJESH GINDODIYA, SIDDHARTH GINDODIYA, GHANSHYAM GINDODIYA, VIJAYA GINDODIYA, RACHANA GINDODIYA AND SHIKHA GINDODIYA ALL INDIAN NATIONAL TRADING UNDER THE NAME AND STYLE OF RAJSIDDHI INDUSTRIES, A REGISTERED PARTNERSHIP FIRM WHOSE ADDRESS IS

L-26, MIDC, DHULE 424001 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA

DATE OF REGISTRATION	03/02/2015
TITLE	WATER STORAGE TANK



PRIORITY NA

DESIGN NUMBER	269659
CLASS	05-03

1)SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE BOTH INDIAN NATIONALS AND PARTNERS OF M/S. SABYASACHI COUTURE AN INDIAN PARTNERSHIP FIRM HAVING ITS OFFICE AT

86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA

DATE OF REGISTRATION	18/02/2015
TITLE	EMBROIDERY



PRIORITY NA

DESIGN NUMBER	269773
CLASS	09-09
1)NAVEEN KUMAR IS INDIAN WHOSE ADDRESS IS A-170, GROUND FLOOR, MAIN M.G. ROAD, AMBEDKAR COLONY, CHATTARPUR, NEW DELHI-110074	
DATE OF REGISTRATION	23/02/2015
TITLE	DUST BIN



	1		
DESIGN NUMBER		269064	
CLASS		23-03	
1)BAJAJ ELECTRICALS LIMIT HAVING ITS REGISTERED OFFI 45/47, VEER NARIMAN ROAD, INDIA, OF ABOVE ADDRESS	CE AT,		
DATE OF REGISTRATION	23	3/01/2015	
TITLE	WATI	ER HEATER	
PRIORITY NA			
DESIGN NUMBER		270498	
CLASS		12-16	
1)AUDI AG, A JOINT STOCK CO LAW OF AUTO-UNION-STR. 1, D-85045			
DATE OF REGISTRATION	23	3/03/2015	
TITLE	WHEEL RIM FOR VEHICLES		
PRIORITY	T	I	
PRIORITY NUMBER	DATE	COUNTRY	
002542191-0002	22/09/2014	OHIM	
DESIGN NUMBER	2	271153	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, H	MPANIES ACT, 1956 H	AVING ITS	D
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	268737
CLASS	08-06

1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA

DATE OF REGISTRATION	09/01/2015
TITLE	DOOR HANDLE
DDIODITY NA	



PRIORITY NA

DESIGN NUMBER	271349
CLASS	09-01
1)DAMAN CUDTA DA IECH KUMAD CUDTA AND DEENA CUDTA ALL ADE	

1)RAMAN GUPTA, RAJESH KUMAR GUPTA AND REENA GUPTA, ALL ARE INDIAN CITIZEN, PARTNERS OF BONJOUR INTERNATIONAL,

15UA JAWAHAR NAGAR, DELHI-110007, INDIA

DATE OF REGISTRATION	13/04/2015
TITLE	FLASK



PRIORITY NA

DESIGN NUMBER	271056
CLASS	02-04

1)FLORENSFOOTWEAR (INDIA) PVT. LTD., 25/17/2, M.I.E., PART-A, BAHADURGARH, HARYANA, INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	06/04/2015
TITLE	FOOTWEAR



DESIGN NUMBER	267855
CLASS	09-03
1)ORION CORPORATION, A KOREAN COMPANY, OF 13, BAEKBEOM-RO 90DA-GIL, YONGSAN-GU, SEOUL, REPUBLIC OF KOREA	
DATE OF REGISTRATION	02/12/2014
TITLE	PACKAGING



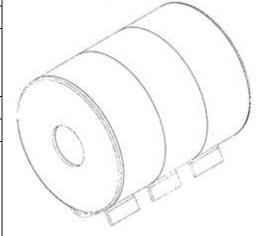
PRIORITY NA

DESIGN NUMBER	268489
CLASS	23-03

1)MR. DHITI TOWIWAT A NATIONAL OF THAILAND, OF THE ADDRESS:

 $163/71, {\rm PHAHONYOTHIN}$ 32, KHWAENG LAT YAO, KHET CHATUCHAK, BANGKOK, THAILAND

DATE OF REGISTRATION	30/12/2014
TITLE	HEAT EXCHANGER



PRIORITY

ı			
	PRIORITY NUMBER	DATE	COUNTRY
	1402001968	23/07/2014	THAILAND

DESIGN NUMBER	268903		
CLASS	06-11		
	AJI P. V., PROPRIETOR, MASTER TOUCH, HRAMAM WARD, ALAPPUZHA-688006, KERALA STATE, N		
DATE OF REGISTRATION	16/01/2015		
TITLE	MAT		
PRIORITY NA			



DESIGN NUMBER	269151
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	29/01/2015
TITLE	TEXTILE FABRIC



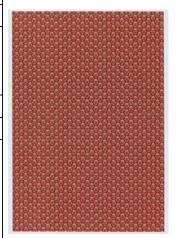
PRIORITY NA

DESIGN NUMBER	271172
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	268738
CLASS	08-06

1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA

DATE OF REGISTRATION	09/01/2015
TITLE	DOOR HANDLE
PRIORITY NA	

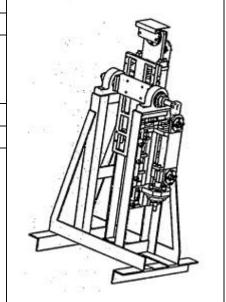


DESIGN NUMBER	270512
CLASS	23-03

1)MURALIDHAR.S,

#1962/29 P, MARULA SIDDESHWARA, 2ND MAIN ROAD, 5TH CROSS, VINAYAKA BADAVANE, VIDYANAGAR, DAVANAGERE-577005, AN INDIAN NATIONAL

DATE OF REGISTRATION	23/03/2015
TITLE	HELIOSTAT



PRIORITY NA

DESIGN NUMBER	271050
CLASS	02-04

1)FLORENSFOOTWEAR (INDIA) PVT. LTD., 25/17/2, M.I.E., PART-A, BAHADURGARH, HARYANA, INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	06/04/2015
TITLE	FOOTWEAR
DD LOD VIII V	



PRIORITY NA

DESIGN NUMBER	271350
CLASS	07-01

1)RAMAN GUPTA, RAJESH KUMAR GUPTA AND REENA GUPTA, ALL ARE INDIAN CITIZEN, PARTNERS OF BONJOUR INTERNATIONAL,

15UA JAWAHAR NAGAR, DELHI-110007, INDIA

DATE OF REGISTRATION	13/04/2015
TITLE	WATER JUG



DESIGN NUMBER	271057
CLASS	02-04

1)FLORENSFOOTWEAR (INDIA) PVT. LTD., 25/17/2, M.I.E., PART-A, BAHADURGARH, HARYANA, INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	06/04/2015
TITLE	FOOTWEAR



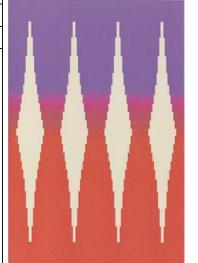
PRIORITY NA

DESIGN NUMBER	271162
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

2013-7284

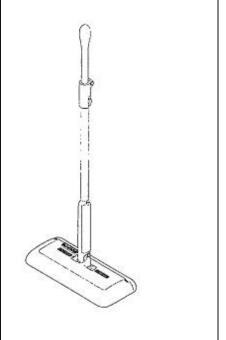
DESIGN NUMBER	256584	
CLASS	15-05	

1)OAK LAWN MARKETING, INC., HAVING ITS REGISTERED OFFICE AT NHK NAGOYA BROADCASTING CENTER BUILDING 14F 1-13-3 HIGASHI SAKURA, HIGASHI-KU, NAGOYA AICHI, 461-0005, JAPAN BY NATIONALITY JAPANESE

DATE OF REGISTRATION	18/09/2013
TITLE	ELECTRIC VACUUM CLEANER

29/03/2013

PRIORITY PRIORITY NUMBER DATE COUNTRY



JAPAN

DESIGN NUMBER	267963
CLASS	23-01

1)MD. IRFANODDIN, WHOSE ADDRESS IS

R/O. HOUSE NO. 11-3-343, 1ST FLOOR, NEAR ANWAR-ULOOM COLLEGE, MALLEPALLY, HYDERABAD, TELANGANA AND WHOSE NATIONALITY IS INDIAN

DATE OF REGISTRATION	05/12/2014
TITLE	GAS LEAK ACCIDENT PREVENTIVE DEVICE

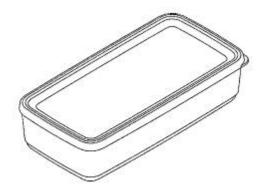


PRIORITY NA

DESIGN NUMBER	268711
CLASS	09-03

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	08/01/2015
TITLE	STORAGE CONTAINER



PRIORITY

PRIORITY NA

1111011111			
PRIORITY NUMBER	DATE	COUNTRY	
29/496,893	18/07/2014	U.S.A.	

DESIGN NUMBER	268821	
CLASS	04-01	
1)MADAN MOHAN MANOCHA, 178 CL MODEL TOWN KARNAL, HARYANA, INDIA, POST CODE: 132001, INDIAN		
DATE OF REGISTRATION	12/01/2015	
TITLE	SHOE BRUSH	



The Patent Office Journal 09/10/2015

DESIGN NUMBER	268392
CLASS	09-07

1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063

DATE OF REGISTRATION	24/12/2014
TITLE	LOCK FOR CONTAINER



PRIORITY NA

DESIGN NUMBER	269262	
CLASS	12-15	
1)MRF LIMITED (AN INDIAN COMPANY), MRF LIMITED, 114 GREAMS ROAD, CHENNAI 600006, TAMIL NADU, INDIA		
DATE OF REGISTRATION	03/02/2015	
TITLE	TYRE TREAD	



PRIORITY NA

DESIGN NUMBER 269990	
CLASS 13-03	
1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA)	
DATE OF DECISTRATION 02/03/2015	

GURGAON-122016, HARYANA (INDIA)		
DATE OF REGISTRATION	02/03/2015	
TITLE	FAN REGULATOR	



			500 0 4	<u> </u>	
DESIGN NUMBER	268934				
CLASS	23-01				
1)APPLE AQUA PVT. LTD., A-38, SECTOR-4, BAWANA IN INDIAN COMPANY DULY REGIS					
DATE OF REGISTRATION		19/	01/2015	8	
TITLE		WATER PUR	RIFIER CABINET	8	
PRIORITY NA					
DESIGN NUMBER		2	70244		
CLASS		(06-04		
1)PAUL HETTICH GMBH & C VAHRENKAMPSTRASSE 12-					
DATE OF REGISTRATION		10/	03/2015	F	
TITLE		FURNIT	TURE RACK	L	Allehon,
PRIORITY		T			
PRIORITY NUMBER		DATE	COUNTRY		
002535237		10/09/2014	OHIM		
DESIGN NUMBER		271149	1		
CLASS		05-05		10°-10°	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT					
DATE OF REGISTRATION		07/04/20	15		
TITLE	TEXTILE FABRIC		18.11	可可以在某种的主观的	
PRIORITY NA					

DESIGN NUMBER	271321
CLASS	09-01
1)CHARDA CHEMICALS LTD A	COMPANY INCORPORATED LINDER THE

1)GHARDA CHEMICALS LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

GHARDA HOUSE, 48 HILL ROAD, BANDRA (WEST), MUMBAI-400050

DATE OF REGISTRATION	10/04/2015
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	269778
CLASS	23-04

1)PAVAN KUMAR JAIN, VIBHOR JAIN, TRILESH JAIN (DIRECTORS), NATIONALITY INDIAN TRADING AS MANKASTU IMPEX PVT. LTD. (THIS COMPANY IS REGISTERED UNDER COMPANIES ACT-1956) WHOSE ADDRESS IS

A-64, SHANKER GARDEN, VIKAS PURI, NEW DELHI-110018

DATE OF REGISTRATION	23/02/2015
TITLE	AIR PURIFIER



PRIORITY NA

DESIGN NUMBER	268981
CLASS	24-01

1)MR. SACHIN G. LOKAPURE (INDIA). A THE PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	21/01/2015
TITLE	SUPPORTING FITTING FOR DIGITAL MICRO- IMAGING ADAPTOR

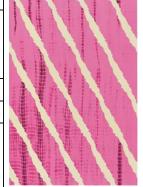


DESIGN NUMBER	271160
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	267839
CLASS	08-05

1)MS. KAVITA SANGHI, SOLE PROPRIETOR OF

M/S. SANGHI INTERNATIONAL, A-24, PUNDRIK VIHAR, PITAMPURA, DELHI-110034

DATE OF REGISTRATION	01/12/2014
TITLE	KNITTING NEEDLE



DESIGN NUMBER 270310	
CLASS 12-11	
1) HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION 12/03/2015	
TITLE	HANDLE COVER FOR MOTOR SCOOTER



THOM:		
PRIORITY NUMBER	DATE	COUNTRY
2014-020333	12/09/2014	JAPAN
	-	



RTI NAGA	09-01 PNAL, WHOSE ADDRESS IS R, NEW DELHI-110015, INDIA 01/04/2015 JAR 271167 05-05 T. LTD. A COMPANY REGISTERED CT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015 TEXTILE FABRIC	
RTI NAGA	271167 05-05 T. LTD. A COMPANY REGISTERED CT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	JAR 271167 05-05 T. LTD. A COMPANY REGISTERED CT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	271167 05-05 T. LTD. A COMPANY REGISTERED ACT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	05-05 T. LTD. A COMPANY REGISTERED ACT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	05-05 T. LTD. A COMPANY REGISTERED ACT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	T. LTD. A COMPANY REGISTERED CT, 1956 HAVING ITS A, SURAT-394221 GUJARAT 07/04/2015	
IPANIES A	A, SURAT-394221 GUJARAT 07/04/2015	
	TEXTILE FABRIC	
I		
	271267	
	14-03	
	08/04/2015	
	MOBILE PHONE	
TE	COUNTRY	
10/2014	REPUBLIC OF KOREA	
		UNGPO - GU, SEOUL 150 - 721, REPUBLIC OF DRATED UNDER THE LAWS OF THE REPUBLIC 08/04/2015 MOBILE PHONE TE COUNTRY

DESIGN NUMBER	268100
CLASS	15-05

1)VAIBHAV MALHOTRA, VANSH MALHOTRA, AMRAPALI MALHOTRA AND RAJIV MALHOTRA (ALL INDIAN NATIONAL) TRADING AS: STUFA MANUFACTURING ENTERPRISES (AN INDIAN PARTNERSHIP CONCERN), NATIONALITY: INDIAN COMPANY, ADDRESS-

 $\mbox{H-}14, \mbox{UDYOG NAGAR, INDUSTRIAL AREA, ROHATAK ROAD, NEW DELHI-110041}$

DATE OF REGISTRATION	10/12/2014
TITLE	HANDLEHELD STEAMER FOR TREATING GARMENTS AND LINEN



PRIORITY NA

DESIGN NUMBER	269661
CLASS	05-03

1)SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE TRADING AS SABYASACHI COUTURE AN INDIAN PARTNERSHIP FIRM HAVING ITS OFFICE AT

86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA

DATE OF REGISTRATION	18/02/2015
TITLE	EMBROIDERY



PRIORITY NA

DESIGN NUMBER 269775	
CLASS 09-03	
1)MANJUL SHARMA IS INDIAN, TRADING AS RIKHI RAM'S MUSIC (THIS COMPANY IS SOLE PROPRIETORSHIP FIRM) WHOSE ADDRESS IS 144, BHAGAT SINGH MARG, GOLE MARKET, NEW DELHI-110001	
DATE OF REGISTRATION 23/02/2015	

PRIORITY NA	

TITLE



BOX FOR MUSICAL INSTRUMENTS

DESIGN NUMBER	268970	
CLASS	14-03	

1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF
129, SAMSUNG-RO, YEONGTONG-GU; SUWON-SI, GYEONGGI-DO 443-742,
REPUBLIC OF KOREA

DATE OF REGISTRATION	20/01/2015	
TITLE	PORTABLE ELECTRONIC DEVICE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0043778	05/09/2014	REPUBLIC OF KOREA

DESIGN NUMBER	270500	
CLASS	12-16	

1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF

AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY

DATE OF REGISTRATION	23/03/2015	
TITLE	WHEEL RIM FOR VEHICLES	



PRIORITY

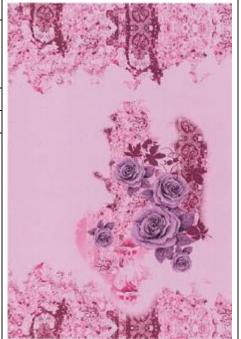
PRIORITY NUMBER	DATE	COUNTRY
002542191-0004	22/09/2014	OHIM

DESIGN NUMBER	271157	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	



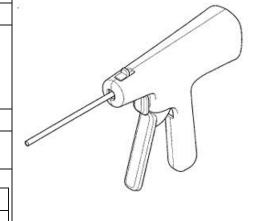
DESIGN NUMBER	268739		
CLASS	08-06		
1)SANVI ENTERPRISE, A PRINCIPAL PLACE OF BU NATIONAL HIGHWAY 8 KOTHARIYA SOLVENT AR	AN INDIAN ENTITY HAVING ITS		
DATE OF REGISTRATION	09/01/2015		
TITLE	DOOR HANDLE		
PRIORITY NA			
DESIGN NUMBER	233798	,	\cap
CLASS	09-01) (
1)M/S DEVANS MODERN BOHRI TALAB TILLO, J.			
DATE OF REGISTRATION	10/01/20	11	
TITLE	BOTTL	BOTTLE	
PRIORITY NA			
DESIGN NUMBER	268984		
CLASS	24-01		
1)MR. SACHIN G. LOKAPURE (INDIA). A THE PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA			
DATE OF REGISTRATION 21/01/2015			
A SUPPORTING FITTING FOR DIGITAL MICRO-IMAGING ADAPTOR			
PRIORITY NA			

DESIGN NUMBER	270534
CLASS	24-02

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	24/03/2015 TOOL FOR IMPLANTING TONGUE STABILIZATION	
TITLE		
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002546598-0001	27/09/2014	OHIM



DESIGN NUMBER 271351
CLASS 07-02

1)RAMAN GUPTA, RAJESH KUMAR GUPTA AND REENA GUPTA, ALL ARE INDIAN CITIZEN, PARTNERS OF BONJOUR INTERNATIONAL,

15UA JAWAHAR NAGAR, DELHI-110007, INDIA

DATE OF REGISTRATION	13/04/2015	
TITLE	TIFFIN CARRIER	



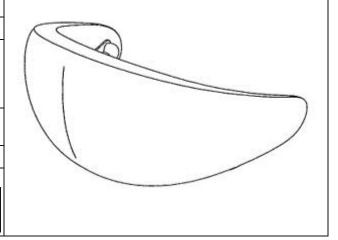
PRIORITY NA

DESIGN NUMBER	267132
CLASS	28-03

1)OSIM INTERNATIONAL LIMITED, A COMPANY EXISTING UNDER THE LAWS OF SINGAPORE, AT

 $65~\mathrm{UBI}$ AVENUE 1, OSIM HEADQUARTERS, SINGAPORE 408939

DATE OF REGISTRATION	31/10/2014		
TITLE	MASSAGE APPARATUS		
PRIORITY			
PRIORITY NUMBER	DA	TE	COUNTRY
D2014/686/Z	03/	06/2014	SINGAPORE



DESIGN NUMBER	268491
CLASS	15-05

1)OY HALTON GROUP LTD.,

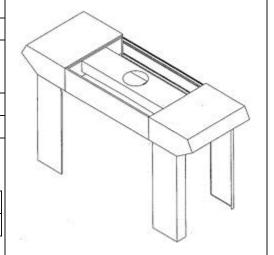
ESTERINPORTTI 2, HELSINKI 02240, FINLAND, NATIONALITY:

FINLAND

DATE OF REGISTRATION	30/12/2014	
TITLE	EXHAUST HOOD	



п	11101111		
	PRIORITY NUMBER	DATE	COUNTRY
	29/496,333	11/07/2014	U.S.A.



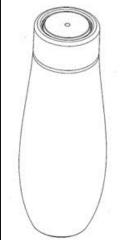
DESIGN NUMBER	269185	
CLASS	09-01	
1)SODASTREAM INDUSTRIES LTD; AN ISRAELI COMPANY OF		

P.O. BOX 280, AIR PORT CITY 70100, ISRAEL

DATE OF REGISTRATION	29/01/2015	
TITLE	BOTTLE	



IMOMITI		
PRIORITY NUMBER	DATE	COUNTRY
56003	03/09/2014	ISRAEL



DESIGN NUMBER	267933
CLASS	07-02

1)SOCIÉTÉ DES PRODUITS NESTLÉ S.A. A COMPANY INCORPORATED UNDER THE LAWS OF THE SWITZERLAND HAVING ITS REGISTERED OFFICE AT

1800 VEVEY, SWITZERLAND

DATE OF REGISTRATION 05/12/	
TITLE COFFEE MAKI	NG MACHINE

I KIUKII I		
PRIORITY NUMBER	DATE	COUNTRY
140712	11/06/2014	SWITZERLAND



DESIGN NUMBER	269202
CLASS	23-03

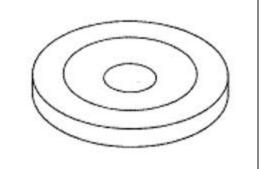
1)MORGAN SOLAR INC., A CANADIAN COMPANY, OF

100 SYMES ROAD, UNIT 100 TORONTO, ONTARIO M6N 0A8, CANADA

DATE OF REGISTRATION	30/01/2015			
TITLE	SOLAR PANEL OPTIC			



PRIORITY NUMBER	DATE	COUNTRY
29/498,128	31/07/2014	U.S.A.



DESIGN NUMBER	270947		
CLASS	09-01		

1)M/S. HIMALAYAN CAPSCON INDUSTRIES HAVING OFFICE AT 323, M.I. CENTRAL HOPE TOWN, SELAQUI, DEHRADUN-248197 (UTTARAKHAND) INDIA; HAVING THE NATIONALITY OF INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	BOTTLE



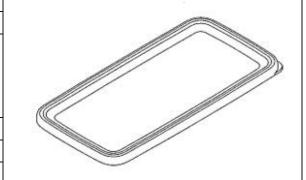
PRIORITY NA

DESIGN NUMBER	268710		
CLASS	09-07		

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

 $14901~\mathrm{S.}$ ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	08/01/2015		
TITLE	STORAGE CONTAINER SEAL		



PRIORITY NUMBER	DATE	COUNTRY
29/496,893	18/07/2014	U.S.A.

DESIGN NUMBER		268818		
CLASS		99-00		
1)MADAN MOHAN MANO 178 CL MODEL TOWN K CODE: 132001, INDIAN		., HARYANA, IN	NDIA, POST	
DATE OF REGISTRATION		12/01/2015		
TITLE		ACCU-MASSA	GER SLAB	
PRIORITY NA				
DESIGN NUMBER			268390	
CLASS			12-16	
1)HONDA MOTOR CO., L 1-1, MINAMI-AOYAMA				
JAPAN				
DATE OF REGISTRATION		2	4/12/2014	
			4/12/2014 R FOR MOTOR SCOOTE	ΓER
DATE OF REGISTRATION				ΓER
DATE OF REGISTRATION TITLE				ΓER
DATE OF REGISTRATION TITLE PRIORITY		IANDLE COVER	R FOR MOTOR SCOOTE	ΓER
DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER		DATE	R FOR MOTOR SCOOTE	ΓER
DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 2014-014774		DATE	COUNTRY JAPAN	ΓER
DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 2014-014774 DESIGN NUMBER	DIAN CO	DATE 04/07/2014 OMPANY), MRI	COUNTRY JAPAN 269261 12-15 F LIMITED,	ΓER
DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 2014-014774 DESIGN NUMBER CLASS 1)MRF LIMITED (AN IND	DIAN CO	DATE 04/07/2014 OMPANY), MRI	COUNTRY JAPAN 269261 12-15 F LIMITED,	ΓER

DESIGN NUMBER	269989		
CLASS	23-04		

1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS

ARO TOWER, PLOT NO.-300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA)

DATE OF REGISTRATION	02/03/2015
TITLE	TABLE FAN



PRIORITY NA

DESIGN NUMBER	268932		
CLASS	23-01		

1)A. N. POLYMERS PRIVATE LIMITED, INDIA. A COMPANY INCORPORATED IN INDIA UNDER THE COMPANIES ACT, 1956 AT

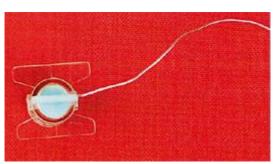
A-54, NARAINA INDUSTRIAL AREA, PHASE-1, NEW DELHI-110028 (INDIA)

DATE OF REGISTRATION	19/01/2015
TITLE	WATER PURIFIER



PRIORITY NA

DESIGN NUMBER	270116	
CLASS	08-07	
1)PRIME INDUSTRIES, A SOLE PROPRIETORSHIP, PROPRIETOR MR. SUBHASH CHURI, HAVING ITS ADDRESS AT 1/4, RAM MANDIR, INDL. ESTATE, WALBHAT ROAD, GOREGAON (EAST), MUMBAI-400063, INDIA		
DATE OF REGISTRATION 04/03/2015		
TITLE	METER SEAL	



DESIGN NUMBER	270243	
CLASS	06-04	
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY		

DATE OF REGISTRATION	10/03/2015	
TITLE	FURNITURE RACK	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002535237	10/09/2014	OHIM

DESIGN NUMBER	271148	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	223121	
CLASS	07-04	
1) G.M.C. ENGG. WORKS, 22/2391, ST. NO.17, DASHMESH NAGAR, GILL ROAD, LUDHIANA -141003 (PUNJAB) INDIA		
DATE OF REGISTRATION 02/06/2009		

DATE OF REGISTRATION	02/06/2009	
TITLE	CHAPPATI MAKING MACHINE	

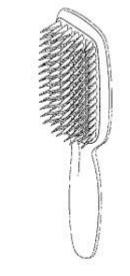


DESIGN NUMBER	268444
CLASS	04-02

1)TANGLE TEEZER LIMITED, A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING IN UNITED KINGDOM HAVING REGISTERED OFFICE AT

143 ACRE LANE, LONDON SW2 5UA, UNITED KINGDOM

DATE OF REGISTRATION	26/12/2014	
TITLE	HAIR BRUSH	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002494328	01/07/2014	OHIM

DESIGN NUMBER	269427
CLASS	15-99

1)KALANI JUGAL KISHORE KUNJILAL, AN INDIAN NATIONAL, WHOSE ADDRESS IS

H-2, OLD M.I.D.C., SATARA-415-004, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/02/2015
TITLE	FEED TUBE OF A CRUSHER



PRIORITY NA

DESIGN NUMBER	268868
CLASS	02-02

1)MOTHERS 2 B NX, (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT 37, VAZIR CHAWL, BHIM WADA, OPP. KHIRA NAGAR, SANTACRUZ (WEST), MUMBAI-400054, MAHARASHTRA, INDIA.

WHOSE PROPRIETOR IS MUKESH GOKAR SANDHA (INDIAN NATIONAL) OF ABOVE ADDRESS

DATE OF REGISTRATION	14/01/2015
TITLE	GARMENT



DESIGN NUMBER	270912	
CLASS	09-01	
	IAN NATIONAL, WHOSE ADDRESS IS IRTI NAGAR, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION	01/04/2015	
TITLE	JAR	
PRIORITY NA		
DESIGN NUMBER	271166	
CLASS	05-05	
UNDER THE PROVISION OF CORREGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT 07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271265	
CLASS	14-03	
	EUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF PORATED UNDER THE LAWS OF THE REPUBLIC	
DATE OF REGISTRATION	08/04/2015	
TITLE	MOBILE PHONE	
PRIORITY		

COUNTRY

REPUBLIC OF KOREA

PRIORITY NUMBER

30-2014-0048530

DATE

08/10/2014

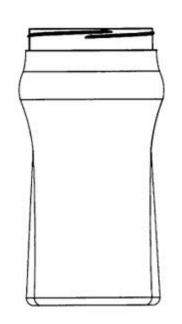
DESIGN NUMBER	2	270439	T
CLASS		21-01	
1)AUDI AG, A JOINT STOCK GERMAN LAW OF AUTO-UNION-STR. 1, D-8504			
DATE OF REGISTRATION	19	/03/2015	
TITLE	MO	DEL CAR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002543579-0001	23/09/2014	OHIM	
DESIGN NUMBER		271170	
CLASS		05-05	
UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDO DATE OF REGISTRATION			
TITLE		TEXTILE FABRIC	
PRIORITY NA			O S COS
DESIGN NUMBER		267840	
CLASS		08-05	
1)MS. KAVITA SANGHI, SOL M/S. SANGHI INTERNATION 110034			ELHI-
DATE OF REGISTRATION		01/12/2014	
TITLE	K	NITTING NEEDLE	\\\\\
PRIORITY NA			

DESIGN NUMBER	269430	
CLASS	15-99	
1)KALANI JUGAL KISHORE KUNJILAL, AN INDIAN NATIONAL, WHOSE ADDRESS IS H-2, OLD M.I.D.C., SATARA-415-004, MAHARASHTRA, INDIA		
WHOSE ADDRESS IS	,	
WHOSE ADDRESS IS	,	



PRIORITY NA

DESIGN NUMBER	2/0914
CLASS	09-01
1)PRAMIT SANGHAVI, AN INDIAN NATIONAL, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	JAR



PRIORITY NA

	DESIGN NUMBER	271168
	CLASS	05-05
Ī	1)SIDDHI VINAYAK KNOTS & PI	RINTS PVT. LTD. A COMPANY REGISTERED

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC

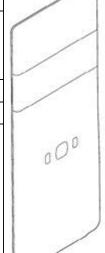


DESIGN NUMBER	271269
CLASS	14-03

1)LG ELECTRONICS INC.

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	08/04/2015	
TITLE	MOBILE PHONE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0048532	08/10/2014	REPUBLIC OF KOREA

DESIGN NUMBER	267854
CLASS	09-03

1)ORION CORPORATION, A KOREAN COMPANY, OF 13, BAEKBEOM-RO 90DA-GIL, YONGSAN-GU, SEOUL, REPUBLIC OF KOREA

DATE OF REGISTRATION	02/12/2014	
TITLE	PACKAGE BOX	



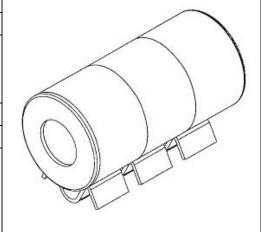
PRIORITY NA

DESIGN NUMBER	268488	
CLASS	23-03	

1)MR. DHITI TOWIWAT A NATIONAL OF THAILAND, OF THE ADDRESS:

163/71, PHAHONYOTHIN 32, KHWAENG LAT YAO, KHET CHATUCHAK, BANGKOK, THAILAND

DATE OF REGISTRATION	30/12/2014	
TITLE	HEAT EXCHANGER	



PRIORITY NUMBER	DATE	COUNTRY
1402001969	23/07/2014	THAILAND

DESIGN NUMBER	268378
CLASS	29-01

1)HONEYWELL INTERNATIONAL INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, OF 101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN NEW JERSEY 07962-

2245, USA

DATE OF REGISTRATION	24/12/2014	
TITLE	OPTICAL BLOCK FOR SMOKE DETECTORS	

PRIORITY

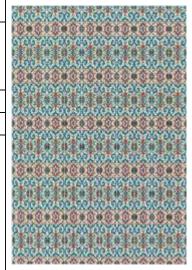
PRIORITY NUMBER	DATE	COUNTRY
29/495,060	26/06/2014	U.S.A.

DESIGN NUMBER 271171
CLASS 05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

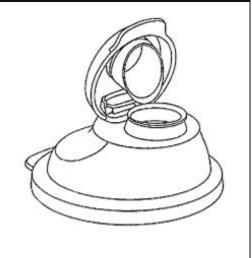
DESIGN NUMBER	267941
CLASS	09-07

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

TITLE LID FOR CONTAINER	

PRIORITY NUMBER	DATE	COUNTRY
29/493,694	12/06/2014	U.S.A.



DESIGN NUMBER	268703
CLASS	07-02
1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE	

LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	08/01/2015
TITLE	COOKWARE LID
PRIORITY	



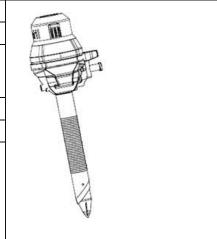
PRIORITY NUMBER	DATE	COUNTRY
29/497,080	21/07/2014	U.S.A.

DESIGN NUMBER	269981
CLASS	24-01

1)MERIL ENDO SURGERY PRIVATE LIMITED, AT

SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA

DATE OF REGISTRATION	27/02/2015	
TITLE	SURGICAL TROCAR	



PRIORITY NA

DESIGN NUMBER	268920
CLASS	14-03

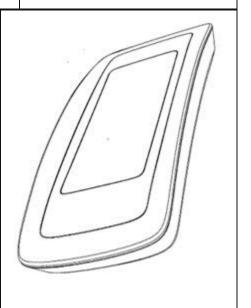
1) SOMFY SAS, A JOINT STOCK COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FRANCE, OF

50, AVENUE DU NOUVEAU MONDE, F-7 4300 CLUSES, FRANCE

DATE OF REGISTRATION	16/01/2015	
TITLE	REMOTE CONTROL	



IOMII		
PRIORITY NUMBER	DATE	COUNTRY
850815701	07/11/2014	WIPO

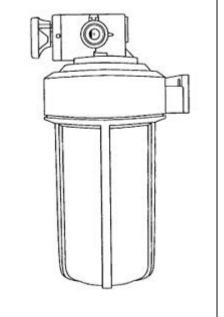


DESIGN NUMBER	269049
CLASS	23-01

1)VIKAS BRAHMAVAR, WHOSE ADDRESS IS

NO. 64, GARDEN LAYOUT, H.S.R 2ND SECTOR, BANGALORE-560102, AN INDIAN NATIONAL

DATE OF REGISTRATION	22/01/2015	
TITLE	WATER PURIFIER	



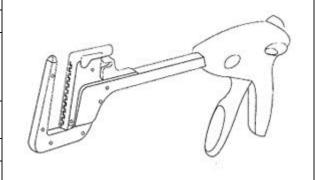
PRIORITY NA

DESIGN NUMBER	270054	
CLASS	24-01	

1)MERIL ENDO-SURGERY PRIVATE LIMITED HAVING ADDRESS AT

SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA

DATE OF REGISTRATION	02/03/2015
TITLE	SURGICAL AUTO LINEAR STAPLER



PRIORITY NA

DESIGN NUMBER	270480
CLASS	23-01
1)KITZ CODDODATION	

10-1, NAKASE 1-CHOME, MIHAMA-KU, CHIBA-SHI, CHIBA, 261-8577, JAPAN, NATIONALITY: JAPAN

TITLE INDEX-PLATE INTEGRATED YOKE FOR A VALVE	DATE OF REGISTRATION	20/03/2015
	TITLE	



INGNII		
PRIORITY NUMBER	DATE	COUNTRY
2014-021087	24/09/2014	JAPAN

DESIGN NUMBER	270952
CLASS	06-03

1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	TABLE
PRIORITY NA	



DESIGN NUMBER	223068
CLASS	08-06

1)IATALIK METALWARE PVT. LTD.

G:212,-215, LODHIKA, G.I.D.C., KALAWAD ROAD, METODA, RAJKOT - 360 003 STATE OF GUJARAT INDIA

DATE OF REGISTRATION	29/05/2009
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER	271186
CLASS	31-00
1)GROUPE SER INDIA PRIVATE LIMITED	

A-25, FIRST FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL AREA, NEW DELHI-110044, DELHI, INDIA

DATE OF REGISTRATION	07/04/2015
TITLE	MIXER GRINDER



DESIGN NUMBER	,	259336	
CLASS	-	11-01	
1)H. K JEWELS PVT. LTD. A COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, TH BANK, BANDRA KURLA COMP	E CAPITAL BUILDIN	TERED UNDER	
DATE OF REGISTRATION	10	/01/2014	1 \ /
TITLE	NE	CKLACE	1 \ /
PRIORITY NA			topos
DESIGN NUMBER	2	269201	
CLASS		23-03	2222
1)MORGAN SOLAR INC., A C 100 SYMES ROAD, UNIT 100			
DATE OF REGISTRATION	30	/01/2015	
TITLE	SOLAR	PANEL OPTIC	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/498,128	31/07/2014	U.S.A.]
DESIGN NUMBER		269024	
CLASS		09-01	
1)PARSHOTAMBHAI MOHAI PRINCIPAL PLACE OF BUSIN 253, PLOT NO. 2/20, B/H. SARV N. H. 8-B, VERAVAL (SHAPE GUJARAT, INDIA	ESS AT BHUMI IND ODAYA, NEAR STR	USTRIAL AREA, SURV EET OF WELDOR ENG	YEY NO.
DATE OF REGISTRATION	21/01/2015		
TITLE		BOTTLE	
PRIORITY NA		BOTTLE	

DESIGN NUMBER	270946
CLASS	09-01

1)M/S. HIMALAYAN CAPSCON INDUSTRIES HAVING HIS OFFICE/PLACE OF **BUSINESS AT**

323, M.I. CENTRAL HOPE TOWN, SELAQUI, DEHRADUN-248197 (UTTARAKHAND) INDIA; HAVING THE NATIONALITY OF INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	ESIGN NUMBER 271177			
CLASS 12-11				
1)ADVANCE PLASTIC INDUSTRIES				

STATION ROAD, DHANDARI KALAN, LUDHIANA (PB.) INDIA, A PARTNERSHIP FIRM

GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY

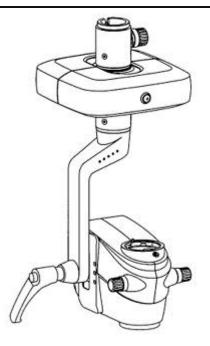
DATE OF REGISTRATION	07/04/2015
TITLE	PADDLE FOR CYCLE



PRIORITY NA

DESIGN NUMBER 268412			
CLASS 16-06			
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF			

DATE OF REGISTRATION	24/12/2014
TITLE	SURGICAL MICROSCOPE



PRIORITY NUMBER	DATE	COUNTRY
2014 302 12 271.4	30/06/2014	CHINA

DESIGN NUMBER		26		
CLASS		24-01		
1)MR. SACHIN G. LOKAPURE RESEARCH EQUIPMENT HAVIN 5099, NEAR ASHA TALKIES, C MIRAJ-416410, DIST-SANGLI, MA	NG ITS PRINCIPA PP. OMKAR APA	PROPRI AL PLA RTMEN	ETOR OF SAGLO® CE OF BUSINESS	
DATE OF REGISTRATION		21/01/2015		
TITLE			SENSOR BASED IC MICROSCOPE	
PRIORITY NA	•			
DESIGN NUMBER		2705	35	
CLASS		07-)2	18 73
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION		24/03/	2015	
TITLE		TOASTER		
PRIORITY	ГУ			
PRIORITY NUMBER	DATE		COUNTRY	
002547760-0001	30/09/2014	30/09/2014 OHIM		
DESIGN NUMBER		270910		
CLASS		09-01		
1)PRAMIT SANGHAVI, AN INDIAN NATIONAL, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA				
DATE OF REGISTRATION		01/04/2015		
TITLE		JAR		
PRIORITY NA				

DESIGN NUMBER	271052
CLASS	02-04

1)FLORENSFOOTWEAR (INDIA) PVT. LTD., 25/17/2, M.I.E., PARTA, BAHADURGARH, HARYANA, INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

TITLE FOOTWEAR	DATE OF REGISTRATION	06/04/2015
	TITLE	FOOTWEAR



PRIORITY NA

DESIGN NUMBER	271164
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	267939
CLASS	07-04

1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT

14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

DATE OF REGISTRATION	05/12/2014
TITLE	FOOD SHAKER



PRIORITY NUMBER	DATE	COUNTRY
29/493,694	12/06/2014	U.S.A.

DESIGN NUMBER	269215
CLASS	23-04

1)BAJAJ ELECTRICALS LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT,

45/47, VEER NARIMAN ROAD, MUMBAI 400023, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	30/01/2015
TITLE	AIR COOLER



PRIORITY NA

DESIGN NUMBER	269040
CLASS	23-01

1)SAGAR POLYTECHNIK LIMITED (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

PLOT NO. 2819 TO 2826, LODHIKA G.I.D.C., METODA, RAJKOT-360021, GUJARAT-INDIA

DATE OF REGISTRATION	22/01/2015
TITLE	IRRIGATION PIPE



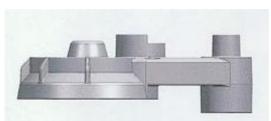
PRIORITY NA

141007

DESIGN NUMBER

CLASS		15-99
1)SIKA TECHNOLOGY AG, ZUGERSTRASSE 50, CH-6340 BAAR (SWITZERLAND), A COMPANY OF SWITZERLAND		
DATE OF REGISTRATION	20/03/2015	
TITLE	ADAPTER FOR COMBINING CARTRIDGE AND CONTAINER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

23/09/2014



SWITZERLAND

270478

DESIGN NUMBER	270948	
CLASS	09-01	
1)M/S. HIMALAYAN CAPSCON INDUSTRIES HAVING OFFICE AT 323, M.I. CENTRAL HOPE TOWN, SELAQUI, DEHRADUN-248197 (UTTARAKHAND) INDIA; HAVING THE NATIONALITY OF INDIA		
DATE OF REGISTRATION	06/04/2015	
TITLE	BOTTLE	
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PRIORITY NA

DESIGN NUMBER	222953
CLASS	09-01

1)PRINCE CARE, PARTNER SANJAY ANDHARIYA, RAJESH DHRANGDHARIYA AND SURESH SAKARIYA, AN ADULT, INDIAN NATIONAL, CITIZEN PROPRIETOR

AT: 255/2, GIDC, CHITRA, BHAVNAGAR, GUJARAT STATE, INDIA.

DATE OF REGISTRATION	23/05/2009
TITLE	BOTTLE

