पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 49/2014	शुक्रवार	दिनांक: 05/12/2014
ISSUE NO. 49/2014	FRIDAY	DATE: 05/12/2014

पेटेंट 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.

(Chaitanya Prasad) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

5th DECEMBER, 2014

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THE PATENT OFFICE

KOLKATA, 05/12/2014

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3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: <u>delhi-patent@nic.in</u> ☆ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		Rest of India
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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

कोलकाता, दिनांक 05/12/2014

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	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
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www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

The Patent Office Journal 05/12/2014

SPECIAL NOTICE

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

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

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.

(Chaitanya Prasad) 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.

WITHDRAWAL OF APPLICATION UNDER SECTION 11B (4) OF THE ACT (RULE 26)

APPLICATON NUMBER 4732/KOLNP/2007, FILED BY WYETH A DELEWARE CORPORATION OF USA FIVE GIRALDA FARMS MADISON,NJ 07940 UNITED STATES OF AMERICA HAS BEEN WITHDRAWN WITH EFFECT FROM 28.11.2014.

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. 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.10400/DELNP/2012 A		
(19) INDIA				
(22) Date of filing of Application :29/11/2	012	(43) Publication Date : 05/12/2014		
(54) Title of the invention : GRID PLATE				
 (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 	:F27D15/02 :2010/0339 :03/06/2010 :Belgium :PCT/EP2011/057320 :06/05/2011 :WO 2011/151130 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAGOTTEAUX INTERNATIONAL S.A. Address of Applicant :Rue Adolphe Dumont B 4051 Vaux sous Chevremont Belgium (72)Name of Inventor : 1)PIRARD Regnier 2)VIELVOYE Christophe 		

(57) Abstract :

The present invention relates to a grid plate for the transporting and cooling of very hot materials leaving a furnace, said plate having cavities of rectangular shape, the largest dimension being perpendicular to the direction 10 of advance of the materials, the cross section of these cavities being triangular with a fin-shaped bottom terminating in a turned-up end of reverse slope, the slope (#) of the cavities being between 10° and 45° , preferably between 20° and 30° , to the horizontal and the reverse slope (#) of the turned-up end making an angle equal to or up to 6° less than the angle of the 15 slope of the cavities. The flow of material under gravity through the air injection slits is interrupted. Any contact of the material with the framework and with the mechanism of the equipment is avoided.

No. of Pages : 12 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SAFETY SCA	LPEL	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61B17/3211 :61/359249 :28/06/2010 :U.S.A. :PCT/SG2011/000228	 (71)Name of Applicant : 1)MEDIPURPOSE PTE LTD Address of Applicant :15 Hoe Chiang Road #12 02 Tower Fifteen Singapore 089316 Singapore (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application	:28/06/2011 :WO 2012/002910 :NA	1)YI Patrick 2)HATZILIAS George
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A safety scalpel incorporating a handle similar in thickness length weight balance shape and feel to the conventional metal handle preferred by most surgeons and a disposable cartridge assembly that is easily mounted and released from the scalpel handle. The handle comprises a first end and a second end. The cartridge assembly comprises a blade guard/shield that can be slideably mounted onto the second end of the handle a blade holder/slider that can be disposed within the blade guard and a blade that can be attached to the blade holder. The safety scalpel incorporates a locking system that prevents the cartridge assembly from sliding off or wobbling on the handle during use.

No. of Pages : 50 No. of Claims : 27

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL AND INNOVATIVE DESIGN OF ROAD TOLL PLAZA, ROAD INTERSECTIONS WITH TRAFFIC LIGHTS, ROAD INTERSECTIONS WITH MANUAL TRAFFIC POLICE CONTROL WITHOUT TRAFFIC LIGHTS AND ROAD PICKETS (SECURITY CHECK POINTS,) REFERRED TO AS ROAD TRAFFIC POINTS, ENABLING DRIVERS OF VEHICLES CROSSING SUCH ROAD TRAFFIC POINTS TO SAVE FUEL DURING IDLINGS AS WELL AS INCHING FORWARD PERIODS AND THEREBY REDUCE AIR POLLUTION ALSO AT SUCH ROAD TRAFFIC POINTS.

(51) International classification	:A22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GOYAL RAJNISH
(32) Priority Date	:NA	Address of Applicant :RT-210, ROYAL TOWER, SHIPRA
(33) Name of priority country	:NA	SUN CITY INDIRAPURAM, GHAZIABAD -201014 Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOYAL RAJNISH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The novel and innovative design of the Road traffic points can be adopted straight away in all new projects. For existing traffic points, the new design to be adopted after doing a feasibility study of the existing infrastructure and also a technoeconomic study to estimate the payback period of undertaking the modifications. Surely, adoption of this invention will lead to long term benefits to the society at large.

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

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : STEEL WIRE ROD OR STEEL BAR HAVING EXCELLENT COLD FORGEABILITY

(51) International alogaification		(71) Nome of Applicant.
(31) International classification	1.022038/00,022038/00,021D8/00	
(31) Priority Document No	:2012086844	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:05/04/2012	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application	·DCT/ID2012/050025	Tokyo 1008071 Japan
No	.1 C 1/J1 2013/037933	(72)Name of Inventor :
Filing Date	.01/04/2013	1)MIYANISHI Kei
(87) International Publication	WO 2012/151000	2)MONDEN Atsushi
No	. WO 2013/131009	3)YAMASAKI Shingo
(61) Patent of Addition to	-NT A	4)HOMMA Shunta
Application Number	.INA	
Filing Date	INA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a steel wire rod/steel bar having excellent cold forgeability. This steel wire rod/steel bar is provided with a predetermined chemical component composition in the condition immediately after hot rolling wherein the depth d (mm) from the surface of a surface layer region having a mean hardness HV0.2 that is at least 20 higher than the mean hardness HV0.2 of the region from the cross section radius (R)—0.5 (mm) to the center satisfies formula (1); the steel structure of the surface layer region comprises ferrite in a fraction of 10% or less by area ratio with the balance being made up of one or more types of steel structure from amongst martensite bainite and pearlite; the steel structure from the cross section radius (R)—0.5 (mm) to the center is a ferrite pearlite or ferrite bainite steel structure; and the surface roughness (Ra) in the circumferential direction when scales adhering to the surface have been removed is equal to or less than 4 μ m.

No. of Pages : 35 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : ECO-FRIENDLY POWER GENERATION MECHANISM (51) International classification :H02K47/00 (71)Name of Applicant : (31) Priority Document No 1)JAGBIR SINGH :NA (32) Priority Date Address of Applicant :H.NO. F1/5, SECTOR-10, DLF :NA :NA (33) Name of priority country FARIDABAD, HARYANA. India (86) International Application No (72)Name of Inventor : :NA **1)JAGBIR SINGH** 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 Eco- Friendly Power Generation Mechanism is discovered, which produces electricity for multiple uses. It can be used to run machines in factories or in the house and much more. It just requires an initial startup by any motor or engine just for max. 3 mins. And it continues to operate for the next 22 hrs generating free electricity. Best suited for all places. It has proper security system. Completely secure with Finger Print System, Login Id Control System and Remote Control System. It consists of an alternator and a small motor that continues to run for hours. Causes no pollution. There is no residue left behind. It is available in all sizes as per the requirement.

No. of Pages : 6 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : FODDER PRODUCTION UNIT			
 (54) Title of the invention : FODDER PRO (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 	DDUCTION UNIT :A01G 9/16 :US13/046690 :11/03/2011 :U.S.A. :PCT/AU2012/000256 :11/03/2012 :NA :NA :NA	(71)Name of Applicant : 1)FODDER SOLUTIONS (QLD) PTY LTD Address of Applicant :PO BOX 7452 TOOWOOMBA SOUTH, QLD 4350 AUSTRALIA (72)Name of Inventor : 1)TERRY COLLESS 2)FLAVIO RACCANELLO	
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

A mobile fodder production unit is disclosed that includes an insulated container having a front end and a rear end, a plurality of trays each having drain apertures through a bottom side thereof, a racking system for supporting each of the trays with a plurality of shelves extending from the front end of the container to the rear end of the container, an irrigation system attachable to a water source and having a water tank in fluid communication with a plurality of spray heads through a pump and a plurality of pipes, a lighting system that maintains a predetermined illumination within the container, a thermal control system that maintains the temperature inside the container within a predetermined temperature range, and a central control system for activating the other systems and maintaining electrical load balancing on a power source.

No. of Pages : 34 No. of Claims : 14

(22) Date of filing of Application :21/06/2013

(54) Title of the invention : HORIZONTAL STRIP ACCUMULATOR WITH TELESCOPING OF STRIP SUPPORT ROLL CARRIAGES AND PASSIVE LOCATION SYSTEMS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:B21C49/00,B61G7/04,B65H20/34 :10196824.6 :23/12/2010 :EPO	 (71)Name of Applicant : 1)COCKERILL MAINTENANCE & INGENIERIE Address of Applicant : Avenue Greiner 1 B 4100 Seraing Belgium (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2011/073357 :20/12/2011	1)OTTMER Thomas
No (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 horizontal strip accumulator in a continuous processing strip line comprising a looping carriage riding on a pair of external rails (6) and a plurality of adjacent strip supporting roll carriages (1) riding on the same external rails (6) to support the strip (10) between the looping carriage and a strip feeding location wherein the strip supporting carriages (1) have a horizontal triangular lower part (2) and a vertical framework (3) the triangular lower part (2) having an open transverse base (15) opposite to an apex (14) to allow the telescoping of the strip supporting carriages (1) in the internal triangular space between the open base (15) and the two other triangular sides rejoining at the opposite apex (14).

No. of Pages : 22 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 05/12/2014

(51) International classification	:E04C2/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO
(32) Priority Date	:NA	SL
(33) Name of priority country	:NA	Address of Applicant :CL/Chavarri 6 E 48910 Sestao
(86) International Application No	:PCT/EP2011/055058	(Bizkaia) Spain
Filing Date	:31/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/130321	1)GERRITSEN Christopher Hendrikus Johannes
(61) Patent of Addition to Application	·NA	
Number	.1\Z\ .NIA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : STRUCTURAL PANEL UNIT AND METHOD OF ASSEMBLING SAME

(57) Abstract :

Structural panel unit (10) comprising a first plate (11) and continuous web members (13 14) extending along intersecting directions so as to support the plate (11) the web members (13 14) being each slotted (141 131) partway through at their intersections so that they fit into one another the web members comprising first web members (13) and second web members (14) wherein the first web members (13) are so disposed as to have slots (131) open towards the first plate (11) in which slots (131) fit the second web members (14) wherein the first web members (13) are united to the first plate (11) thereby interlocking the second web members (14) and wherein the second web members (14) are linked to the first plate (11) by no other means than by interlocking with the first members (13). According to another aspect web members extending along one of said intersecting directions can optionally comprise first partway through slots open towards one side and second partway through slots open towards the first and second slots fitting into intersecting web members. A method of assembling a structural panel unit according to the latter aspect is provided as well.

No. of Pages : 26 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A LIGHT WEIGHT NOVEL HYDRAULIC JACK

(51) International classification	:B66F3/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHEKHAR BROTHERS
(32) Priority Date	:NA	Address of Applicant :SHEKHAR BROTHERS PLOT NO:58,
(33) Name of priority country	:NA	SECTOR-4, FARIDABAD, HARYANA 121006
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHANDRA SHEKHAR
(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 hydraulic jack for lifting heavy loads which is lighter in weight because of hardened material used in the rams; and can be manufactured incurring less cost. Further, the present invention provides a Hydraulic Jack with a better mechanical advantage and which facilitates in reducing the force required to lift the vehicle. Additionally, the present invention provides Hydraulic Jack with the superior ball valve which would not sink on load. Furthermore, the hydraulic jack includes an innovatively designed oil seals which do not require orings for stopping leakage of oil.

No. of Pages : 15 No. of Claims : 11

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PROCESS AND A SYSTEM FOR ECO-FRIENDLY AND TOTAL DISPOSAL OF DATE PALM WASTE (DPW)

(51) International classification:C05F5//(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : ()0 (71)Name of Applicant : ()DEPARTMENT OF BIOTECHNOLOGY, MINISTRY OF SCIENCE & TECHNOLOGY Address of Applicant :Govt. of India, Block 2, 8th Floor, CGO Complex, Lodhi Road, New Delhi 110003, India 2)Pondicherry University (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Mani Premalatha (3)Syed Mohammad Tauseef (4)Tabassum-Abbasi (5)Shahid Abbas Abbasi
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(57) Abstract :

A process for complete utilization of date palm waste (DPW) comprising of pre-treating date palm waste (DPW), subjecting the pretreated date palm waste (DPW) to microbial action by acidogenic bacteria in a reactor at a temperature of 20°C-40°C to obtain volatile fatty acids (VFAs) and spent date palm waste, converting the volatile fatty acids to a gaseous mixture containing methane and carbon dioxide in a bio-reactor, and converting the spent date palm waste to vermicompost in a vermireactor using earthworms.

No. of Pages : 18 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR REFERRAL USING SOCIAL NETWORK

(51) International classification	:G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUMIT GUPTA
(32) Priority Date	:NA	Address of Applicant :D-58, BASEMENT, KALKAJI, NEW
(33) Name of priority country	:NA	DELHI India
(86) International Application No	:NA	2)HARSIMRAN WALIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUMIT GUPTA
(61) Patent of Addition to Application Number	:NA	2)HARSIMRAN WALIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and a computer implemented method for referral technique and maintaining a personalized referral network for each of multiple users. Such a referencing recruitment network may be utilized for employment, matrimonial or dating, real estate, automotive referral systems, lead generation, business development marketing, sales or the like. The present invention relates to a system and a computer implemented method for referral technique by sharing social network that facilitates the networking in a manner by sharing referrers social network with the user thereby allowing the access to the contacts of referrer wherein the user can search for appropriate recommendations or referral appearing in personalized recommendation feed for the user. Thus, the user may requests the concerned referrer to refer the referral for recruitment.

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

(21) Application No.1874/DELNP/2013 A

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PRE CUT MULTILAYER PACKAGING MATERIAL

(57) Abstract :

The present invention relates to a pre cut multilayer packaging material comprising a plurality of successive entirely cut layers with the exception of one layer said layer being only partially cut.

No. of Pages : 13 No. of Claims : 11

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING CALLER RELATED INFORMATION TO CALLED PARTY IN TELECOMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04M3/42 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Comviva Technologies Limited Address of Applicant :A-26, Info City, Sector 34, Gurgaon - 122001, Haryana, India (72)Name of Inventor : 1)JAIN, Manish Kumar
 (67) International Fublication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)KADKA, ATUI

(57) Abstract :

The present invention provides methodand a designated node (200) in a telecommunication network for providing caller related information to a called party in a telecommunication network. The node (200) comprises one or more sub-components (202-208) configured to receive an outgoing call comprising a first caller related information; applying, at least one pre-defined mapping rule related to the caller party based on the first caller related information and determining a second caller related information; and appending to the outgoing call the second caller related information and routing the outgoing call to the MSC, thereby enabling the MSC to route the outgoing call with the second caller related information to the called party.

No. of Pages : 35 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :30/09/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTROL OF BIDIRECTIONAL DC-DC CONVERTER

(51) International classification(31) Priority Document No	:H02M3/335 :NA	(71)Name of Applicant : 1)Jamia Millia Islamia
(32) Priority Date	:NA	Address of Applicant :M.M. Ali Jauhar Marg, Okhla, New
(33) Name of priority country	:NA	Delhi -110025, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HAQUE, Ahteshamul
(87) International Publication No	: NA	2)SIDDIQUI, Sheena
(61) Patent of Addition to Application Number	:NA	3)MALIK, Azra
Filing Date	:NA	4)ZUNNOON, Md Danish
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for controlling power flow to/from battery connected to solar photovoltaic (PV) energy conversion system. A solar panel under sun light condition provides unregulated electrical energy to DC-DC converter. DC-DC converter regulates voltage of DC bus, wherein the DC bus provides regulated voltage to DC loads/inverter. A bidirectional DC-DC converter can be connected between the DC bus and battery, wherein a control circuit energises bidirectional DC-DC converter to control flow of power either from DC bus to battery or from battery to DC bus. A detection circuit, which is a part of the proposed control circuit can detect state of DC bus voltage and state of battery voltage, based on which a detection/command signal can be generated, which can be given to a switching circuit for onward transmission to the bidirectional DC-DC converter, based on which direction of flow of power is decided.

No. of Pages : 16 No. of Claims : 10

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : GAMMA RADIATION PLANT FOR IN HOUSE HOSPITAL STERILISATION OF MEDICAL DEVICES AND HOSPITAL CONSUMABLES - A NEW TECHNOLOGY CSSDS (CENTRAL STERILE STORES DEPARTMENT)

(51) International classification:G01V5/10(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)DR. SUDHIR KRISHNA Address of Applicant :G-63 JASOLA, SEC-7, NEW DELHI- 110025. India (72)Name of Inventor : 1)DR. SUDHIR KRISHNA
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(57) Abstract :

I have devised a Gamma radiation plant for in house sterilization of medical devices, consumables, surgical instruments, endoscopes, operative cameras, laparoscopes and all other paraphernaha required in hospitals. This in house radiation plant is a single tool replacing various forms of sterilization and gadgets required for sterilization processes in India. a s invention aims at reducing high rates of hospital infection and completely revolutionizes the existing sterilization systems. The plant and the process of Gamma Radiation requires minimum handling, no specialized packaging and has a quick output and turnover. This system devised by me is cost effective to both hospital and patients alike and renders almost 100% sterilization of all medical products. In our country where most medical devices are reused and recycled this process ensures almost total elimination of infection.

No. of Pages : 19 No. of Claims : 4

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH STRENGTH CEMENTITIOUS NANOCOMPOSITE COMPOSITIONS AND THE 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 	:C04B28/00 :NA :NA :NA :NA :NA : NA : NA	 (71)Name of Applicant : 1)ER. IBADUR RAHMAN Address of Applicant :19, TAYYAB COLONY NEAR NAGLA MALLAH, ALIGARH, (U.P)-202001 India 2)MOHAMMED ARIF 3)DR. AMEER AZAM (72)Name of Inventor : 1)ER. IBADUR RAHMAN
(61) Fatchi of Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA	2)MOHAMMED ARIF 3)DR. AMEER AZAM

(57) Abstract :

The present inventions relate to the nano scale application of Portland cement hydration products using the nanostructives to increase the strength of cementitious composites. A number of compositions having nano additives were used to make high strength cementitious composites. The influence of additive components such as nano cement, silica fiame, nano silica fume, fly ash and nano fly ash in cement matrix was studied with reference to normal size cement matrix. The results indicate that the addition of nano additives improves the properties of cement matrix to a significant level.

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

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A STEEL SHEET SUITABLE FOR ENAMELLING AND METHOD FOR PRODUCING SUCH A SHEET

(51) International classification	:C21D3/04,C21D8/02,C21D9/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO
(32) Priority Date	:NA	SL
(33) Name of priority country	:NA	Address of Applicant :CL/Chavarri 6 E 48910 Sestao Bizkaia
(86) International Application No	D:PCT/EP2011/055477	Spain
Filing Date	:08/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/136270	1)VAN STEENBERGE Nele
(61) Patent of Addition to	•NI A	2)LEVEAUX Marc
Application Number	.INA	3)DUPREZ Lode
Filing Date	.INA	4)GOUSSELOT Philippe
(62) Divisional to Application	-NT A	
Number		
Filing Date	INA	

(57) Abstract :

The present invention is related to a rolled steel sheet suitable for enamelling said sheet having a carbon profile defined by a gradient in the C level from a level C at least one surface of the sheet to a level C in the bulk of the sheet C being higher than C and With I C higher than 0 and lower than or equal to 0.08wt% CsurfaCe between 0 and 0.015wt% A1 between 0.012wt% and 0.07wt% Mn between 0.12wt% and 0.45wt% 0 lower than 0.01wt% and optionally : Cu between 0.025wt% and 0.1wt% S between 0.008wt% and 0.04wt% Ca between 0.005wt% and 0.005wt% the balance being Fe and incidental impurities and wherein the depth where the C level reaches (C+C) 12 is higher than 75μ m. The invention is equally related to a method for producing said steel sheet.

No. of Pages : 25 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL BACTERIUM OF BACILLUS GENUS AND USES THEREOF

(51) International classification	:C12P7/28	(71)Name of Applicant :
(31) Priority Document No	INA	1) DCWI Snriram Lia.
(32) Priority Date	INA	Address of Applicant Division: Bioseed Research India,5th
(33) Name of priority country	:NA	Floor,Kanchenjunga Building, 18 Barakhamba Road, New Delhi
(86) International Application No	:NA	110001, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Santosh Kumar Dodda
(61) Patent of Addition to Application Number	:NA	2)Dwarkesh Singh Parihar
Filing Date	:NA	3)Paresh Kumar Verma
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present work relates to a novel microbe belonging to Bacillus family exhibiting antimicrobial and/or antifungal activity. The present work relates to the method of its isolation and identifying extract of the novel microbe exhibiting antimicrobial and/or antifungal, proteolytic, amylolytic activities. In particular, there is provided a novel bacterium Bacillus subtilis ssp. shriramensis having accession number MTCC-5674. The novel bacterium is cultured in the medium to mass produce the antimicrobial and/or antifungal agent by the novel microbe and in the culture medium. There is provided a composition comprising the novel bacterium or an extract of the novel bacterium which is agriculturally and pharmaceutically effective. The novel bacterium of the present work is used in the treatment against various pathogenic fungi and/or bacteria.

No. of Pages : 80 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND DEVICES FOR MOBILE WALLET MULTI-FACTOR AUTHENTICATION

(51) International classification	:G06O30/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant : A-26, Info City, Sector 34, Gurgaon-
(33) Name of priority country	:NA	122001, Haryana, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SORUBAN, Rajasekaran
(87) International Publication No	: NA	2)JAIN, Nitin
(61) Patent of Addition to Application Number	:NA	3)CHAUDHARY, Bhaskar
Filing Date	:NA	4)REDDY, P. Rajasekhara
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides methods and devices for authentication of transactions wherein a point of sale device sends a transaction identifier to a transaction verification system and a mobile device sends the transaction identifier or an irreversible one way hash value corresponding to the transaction identifier on an alternative communication path to the transaction verification system. In accordance with a preferred aspect, the mobile device transmits the transaction identifier or the irreversible one way hash value independent of the transmission by the POS device and more preferably, before the transaction between the POS device and the mobile device is complete. The process of message generation and transmission by the mobile device is substantially devoid of user intervention.

No. of Pages : 23 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 05/12/2014

(54) Title of the invention : ROTI OR CHAPPATI MAKER		
(51) International classification	:A21C11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MIRAJ BUSINESS DEVELOPMENT PVT.LTD.
(32) Priority Date	:NA	Address of Applicant :UPER KI ODEN, NATHDWARA- 313
(33) Name of priority country	:NA	301, DIST- RAJSAMAND, RAJASTHAN-INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADANLAL PALIWAL
(87) International Publication No	: NA	2)SUSHILADEVI PALIWAL
(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 an apparatus for preparation of roti or chapatties. Mechanism involved in such preparation mainly comprises of concurrent working system of flour jar (1), dough beaker (2), dough platform (3), water jar (4), oil jar (4), upper flatten (5), lower flatten (6) and chapatti ejector arm (7) as represented in Fig.1.

No. of Pages : 12 No. of Claims : 5

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING CUSTOMIZED SENDER RELATED INFORMATION TO RECIPIENT IN TELECOMMUNICATION NETWORK

(51) International classification	·G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
(33) Name of priority country	:NA	122001, Haryana, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN, Manish Kumar
(87) International Publication No	: NA	2)RABRA, Arun
(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 enables a message sender to control transmission and display of customized sender related information to a recipient irrespective of whether the recipient has stored the number of the sender in an address book. In a further embodiment, the present invention enables the sender to control transmission and displaying of sender related information at the receiving terminal in such a manner that for different recipients different sender related information can be sent and displayed. The present invention further enables for the sender to control transmission and displaying of sender related information for a particular recipient based on one more parameters such as time zone of the sender, time zone of the recipient, geographical location of the sender, geographical location of the recipient, age of the recipient, etc.

No. of Pages : 44 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :21/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLEXIBLE PACKAGE FOR PACKING INDIVIDUAL FRUIT OR VEGETABLE.

 (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 	:B65D57/00 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)CHATURVEDI, ASHOK Address of Applicant :305, III FLOOR, BHANOT CORNER, PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India (72)Name of Inventor : 1)CHATURVEDI, ASHOK
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to a flexible package for packaging an individual fruit or a vegetable. The package comprises a pair of opposite panels .configured to form a receptacle. The package includes at least one open end for receiving the individual fruit or the vegetable. The package further includes a number of apertures provided on at least one panel / gusset. The apertures are configured to provide a modified atmosphere for the controlled breathing of the individual fruit or the vegetable packed within the package to enhance shelf life.

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

(19) INDIA

(22) Date of filing of Application :15/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : DYE SENSITIZED SOLAR PANELS BY AN AEROSOL JET 3D PRINTING MECHANISM

(51) International classification	:H01L31/0296	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. OM PRAKASH SINGH
(32) Priority Date	:NA	Address of Applicant :C-1056, DDA FLATS, EAST OF LONI
(33) Name of priority country	:NA	ROAD, DELHI-110093 India
(86) International Application No	:NA	2)SHAIK MOIZ AHMED
Filing Date	:NA	3)MONDRATHI ABILASH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. OM PRAKASH SINGH
Filing Date	:NA	2)SHAIK MOIZ ABILASH
(62) Divisional to Application Number	:NA	3)MONDRATHI ABILASH
Filing Date	:NA	

(57) Abstract :

The present invention is directed to delineate an apparatus as well as a method of printing Dye Sensitized Solar Panels (DSSC solar panels) by utilizing the 3D printing technique. This printing technique utilizes a pumping mechanisim attached to the K carriage which pumps the Ti02 solution on the conductive glass plate by an aerosol jet printing mechanism. After the sequential printing of the solution on the conductive glass plate the glass plate is heated which automatically turn on after the completion of the desired printing method. After successfully printing of the Titanium coated glass the glass plate is heated to 200 degrees centigrade to strengthen the bond between the conductive coat of the glass plate and the Titanium Dioxide solution by evaporating any volatile solvents in the solution. After heating the glass plate is cooled and dye is added to the coated glass plate which is later attached to another carbon coated glass plate with an intermediate electrolyte.

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

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CROWN PROTECTION DEVICE		
(51) International classification	:A61C5/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SANDEEP KUMAR
(32) Priority Date	:NA	Address of Applicant : ARMY COLLEGE OF DENTAL
(33) Name of priority country	:NA	SECUNDERABAD-87, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SANDEEP 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 :

Procedures like cavity cutting, crown preparation can lead to iatrogenic damage to the adjacent teeth and thus lead to many complications. To protect the adjacent teeth from damage, while working on the tooth of interest (diseased tooth). Undetected procedural errors can occur near contact areas, nicking of the adjacent teeth is one the most common procedural errors during crown preparation. In order to prevent this error, a deviceharrier can be used. The present invention is one such device. Its main objective is to prevent the iatrogenic damage to the normal adjacent teeth and at the same time gives the clinician the ease and comfort to work on the tooth of interest.

No. of Pages : 36 No. of Claims : 8

(22) Date of filing of Application :21/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYESTER RESIN AND METHOD FOR PREPARING THE SAME

(51) International classification:C08G(31) Priority Document No:NA(22) Drivity Document No:NA	18/42 (71)Name of Applicant : 1)ESTER INDUSTRIES LIMITED
(32) Phonty Date INA (33) Name of priority country :NA	Nagar Distt. Khatima - 262308 Uttarakhand India
(86) International Application No :NA Filing Date :NA	(72)Name of Inventor : 1)KULKARNI, Sanjay Tammaji
(87) International Publication No : NA	2)RAJ, Dilly 3)BEDDY, Kondula Muniquemy
Filing Date :NA	4)VYAS, Chandrakant Onkar
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A method of forming a polymer includes polymerizing a first pre-polymer, produced by the reaction of a dicarboxylic acid, or ester thereof with a first alkylene diol; with a second pre-polymer produced by the reaction of an aromatic sulfonate or a salt thereof, or ester thereof, with a second alkylene diol; to form a metal sulfonate co-polymer; reacting the metal sulfonate co-polymer with a fast crystallizing polyester block having a degree of polymerization of at least about 20 to provide an amorphous sulfonated co-polyester; and crystallizing the amorphous sulfonated co-polyester to form a crystallized sulfonated co-polyester.

No. of Pages : 52 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :15/10/2014

(54) Title of the invention : SPARK PLUG

(43) Publication Date : 05/12/2014

(51) International classification	:H01T13/32,F02P13/00	(71)Name of Applicant :
(31) Priority Document No	:2012093017	1)NGK SPARK PLUG CO. LTD.
(32) Priority Date	:16/04/2012	Address of Applicant :14 18Takatsuji cho Mizuho ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4678525 Japan
(86) International Application No	:PCT/JP2013/000310	(72)Name of Inventor :
Filing Date	:23/01/2013	1)SUZUKI Kaori
(87) International Publication No	:WO 2013/157173	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to provide a spark plug that can improve the combustion efficiency of an internal combustion engine. The cross sectional shape of the middle section (460) of a ground electrode (40) in the spark plug (100) satisfies the relationships of B > (A/2) R1 > r1 and R2 > r2 wherein A represents the length between base point P3 and base point P4 along the X axis direction B represents the length along the Y axis direction from the straight line that connects base point P3 and base point P4 to base point P7 r1 represents the average curvature radius of the first curved section r2 represents the average curvature radius of the second curved section R1 represents the average curvature radius of the third curved section and R2 represents the average curvature radius of the fourth curved section.

No. of Pages : 65 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTIFUNCTIONAL GATEWAY SENSOR NODE IN WIRELESS SENSOR NETWORK FOR AGRICULTURAL AND FOREST ACTIVITIES

(51) International classification	:G05B19/418, G05D27/02, H04W84/18	(71)Name of Applicant : 1)VADODARA INSTITUTE OF ENGINEERING (DR. JAYESHKUMAR S. PATEL
(31) Priority Document No	:NA	Address of Applicant : VADODARA INSTITUTE OF
(32) Priority Date	:NA	ENGINEERING VADODARA - HALOL TOLL ROAD AT:
(33) Name of priority country	:NA	KOTAMBI, TA: WAGHODIA, DIST.: VADODARA - 391510,
(86) International Application No	:NA	GUJARAT, INDIA
Filing Date	:NA	2)HARSH HITESHKUMAR BHAVSAR
(87) International Publication No	: NA	3)NEHA NARENDRABHAI DALWADI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSH HITESHKUMAR BHAVSAR
(62) Divisional to Application Number	:NA	2)NEHA NARENDRABHAI DALWADI
Filing Date	:NA	

(57) Abstract :

The Multifunctional Gateway Sensor Node is an extension of the Gateway sensor node of Wireless Sensor Network having multiple functionalities. Addendum of functionalities comprise different types of technologies which are LCD Color display, keypad to operate Gateway Node, AVR camera and solar panel for additional power support. The node itself also acts as a weather station based on Fuzzy AHP for precise decision support. So the main idea behind this is to operate WSN without computer. It will be most usable in agriculture, forest monitoring as well as marine securities when pc is unavailable. The location of particular place for weather station feature will be selected by the help of Koppen Classification, instead of GPS. This sensor node is also operable by the specially designed Java based software having great intelligence as per the locality. These sensors reads the data on the farm field and send it to radio base station connected to computer and generate the graphical data of the field. And also using the Arial images of the farm the NDVI (Normalized Difference Vegetation Index) images will help to locate the precise location of the Weeds and also useful in monitoring of the crop in the field. All this controlling option is supported by the Atmospheric weather forecasting for taking smart and precise decision for the particular crop on particular season at particular time. System also uses the geographical location of the field and will help farmer for taking the suitable crop of combination of it. All these features can be operable anywhere and anytime in the world even also by using SMS services.

No. of Pages : 16 No. of Claims : 10

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : E-SUPPLYMENTARY

		(71)Name of Applicant •
(51) International classification	:H04W4/00, G01C 21/36	1)VADODARA INSTITUTE OF ENGINEERING (DR. JAYESHKUMAR S. PATEL
(31) Priority Document No	:NA	Address of Applicant : VADODARA INSTITUTE OF
(32) Priority Date	:NA	ENGINEERING VADODARA - HALOL TOLL ROAD, AT:
(33) Name of priority country	:NA	KOTAMBI, TA: WAGHODIA, DIST: VADODARA-391510,
(86) International Application No	:NA	GUJARAT, INDIA
Filing Date	:NA	2)HARSH JITENDRABHAI PATEL
(87) International Publication No	: NA	3)JAY GHANSHYAM SHAH
(61) Patent of Addition to Application Number	:NA	4)KHYATI MUKUNDBHAI SHAH
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)HARSH JITENDRABHAI PATEL
Filing Date	:NA	2)JAY GHANSHYAM SHAH
-		3)KHYATI MUKUNDBHAI SHAH

(57) Abstract :

Current examination system is time consuming, less accurate system which has many drawbacks like paper leaking, UFM cases. There are many cases which have mistaken in total or putting marks in appropriate question. It has unsecured transportation of Answer sheet. The maximum portion of system is dependent on human and obviously human can never be perfect. The system is less secured in terms of question paper confidentiality and conducting examination. This system takes too much time in declaring results. The present invention is the E-SUPPLYMENTARY used for real time digital examination system, which will replace our present examination system. It is used to assist student, teachers and university. This device is more flexible, time saving, secured and accurate for the examination system. This device is like a real time e-supplementary which has a stylus pen operated touch screen. Student writes answers on touch screen of the device using given stylus pen. The device stores answers in image format. This device will eliminate a complex portion of Current examination system. It also provides some unique functionality for user so they can come out the problems which they are facing in current examination system. This device has compatibility to work with human writing speed. The ultimate aim is for E-Supplementary to automate the real time examination system and eliminate the problems of current examination system.

No. of Pages : 9 No. of Claims : 7
(19) INDIA(22) Date of filing of Application :19/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEURAL NETWORK BASED CALIBRATION OF MEASUREMENT DEVICES

		(71)Name of Applicant :
	:G05B23/02,	1)Latikkumar K Kothwar
(51) International classification	G01J1/02,	Address of Applicant : Visvesvaraya National Institute of
	H02S50/00	Technology, South Ambazari Road, Nagpur, Maharashtra-440010
(31) Priority Document No	:NA	India
(32) Priority Date	:NA	2)Sameer R Ramteke
(33) Name of priority country	:NA	3)Sanjiv U Dubey
(86) International Application No	:NA	4)Raghavendra B Deshmukh
Filing Date	:NA	5)Rajendra M Patrikar
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Latikkumar K Kothwar
Filing Date	:NA	2)Sameer R Ramteke
(62) Divisional to Application Number	:NA	3)Sanjiv U Dubey
Filing Date	:NA	4)Raghavendra B Deshmukh
		5)Rajendra M Patrikar

(57) Abstract :

A new Artificial Neural-Network (ANN) based calibration is invented for the low level measurement system. This invention is based on the artificial neural network which is directly applied to the digital outputs of the measurement device. This invention introduced ANN modeling for low level measurement system which realizes the physical signal acquisition, analog to digital signal conversion and data storage with the high accuracy. A high resolution ADC of 24-bit is used and the digitized output is fed to the neural network model. The neural network model is configured and trained to produce appropriate readings. It is necessary to have the system with low noise for the implementation of numerous techniques and algorithms to achieve high accuracy measurements. This system has the advantage of being a simple unit with less hardware, low noise and being used to collect the data with improved accuracy for the low level measurement system. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing block diagram of the preferred embodiment.

No. of Pages : 24 No. of Claims : 5

(22) Date of filing of Application :17/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : BRUSHLESS DC SUBMERSIBLE MOTOR WITH CROSSOVER PHASE SUPPLY AND MOTOR WINDING PROTECTION UNIT

(51) International classification	:H02K29/08, H02P6/16	(71)Name of Applicant : 1)Parekh Vishal Sanjaybhai
(31) Priority Document No	:NA	Address of Applicant : Arihant , 3- Africa colony, Near
(32) Priority Date	:NA	Saurashtra Kala Kendra, Rajkot 360004. Gujarat, India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Parekh Vishal Sanjaybhai
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 present invention provides brushless DC submersible motor with crossover phase supply and motor winding protection unit. The brushless DC submersible motor runs on single phase and three phase power supply. The present submersible motor has motor winding protection unit to protect motor from over voltage, under voltage and over current. Microcontroller is used to rotate motor and also used to sense voltage or current status and protect motor. This motor has even numbered poles and is run with zero cross detectors. The submersible motor runs as brushless DC motor and permanent magnet synchronous motor. The present invention also provides for a low cost phase converter.

No. of Pages : 20 No. of Claims : 4

(22) Date of filing of Application :14/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTIPURPOSE DRAWING INSTRUMENT

(51) International allocation	:B43L13/00,	(71)Name of Applicant :
(51) International classification	B43L11/04	1)SHARMA AKASH RAJESH
(31) Priority Document No	:NA	Address of Applicant :H. NO. 2020, BACK SIDE OF
(32) Priority Date	:NA	KOTEBABA BIROBA ROAD, KALIKANAGAR, SHIRDI-
(33) Name of priority country	:NA	423109, TAL. : RAHATA, DIST. : AHMEDNAGAR,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHARMA AKASH RAJESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A unit consists of 1 and 2 as separable subassembly of scale, face of 1 consist of marking for linear measurement where as marking is provided on 2 for angular measurement which act as straight protractor rather than semi circular. 1 and 2 together acts as basic structure which provided with slot for sliding of separable subassembly 3, includes the pencil holder to hold back the pencil still and engage subassembly 3 with union of 1 and 2, unit 5 is detachable pin unit which provides a reference point to the compass, unit 1 and 2 separately acts as set squares for draw perpendicular whereas union of 1 and 2 acts as simple scale as well as protractor, 1-2-3-6 completes whole assembly which is used as compass.

No. of Pages : 14 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :21/11/2014

(21) Application No.5845/CHE/2014 A

(43) Publication Date : 05/12/2014

(54) Title of the invention : MY NEW TOOTHBRUSH-BRUSH TO BEATS		
 (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 	:a61c :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : M. VIJAY ANAND Address of Applicant :NO. 9 CHITRA AVENVE, DOOR 402, SRUTHI BLOCK, CHOOLAIMEDU, CHENNAI - 600 094 Tamil Nadu India (72)Name of Inventor : M. VIJAY ANAND

(57) Abstract :

A Move I Toothbrush with sound beats has head, neck, shank and handle portions. The shank portion is designed as a chamber or cavity provided with a plurality of grooves on its inner surface, metal beads are provided inside the chamber. The chamber produces beats/sounds when brushing is done in desirable circular or up-down motion and do not produce beats when it is moved in translator to and fro motion.

No. of Pages : 11 No. of Claims : 15

(22) Date of filing of Application :27/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A POLY HERBAL ANTI DIABETIC DRUG DIAHEAL-1- PREPARATION AND THE PROCESS OF PREPARING THE SAME.

(51) International classification	:a61k36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HERALD WILSON A
(32) Priority Date	:NA	Address of Applicant :NO 185, MEENAKSHI AMMAN
(33) Name of priority country	:NA	NAGAR, SURIYA NAGAR, K-PUDUR, MADURAI - 625 007
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)AMBROSE. M
(87) International Publication No	: NA	3)S.JUSTIN PACKIA JACOB
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HERALD WILSON A
(62) Divisional to Application Number	:NA	2)AMBROSE. M
Filing Date	:NA	3)S. JUSTIN PACKIA JACOB

(57) Abstract :

The present invention provides a composition for an anti-diabetic poly herbal drug DIAHEAL-1, comprising of poly herbal preparations wherein the said ingredients are cleaned, processed, dried, pulverized, and sieved, to obtain fine powder which is mixed together and formed into a powder form of drug and a process for preparing anti-diabetic polyherbal preparation. For the preparation of this current product the following processed, herbal plant ingredients such as Nigella sativa, Vernonia anthelmintica, Psoralea corylifolia, Plumbago rosea and Smilax chinensis were used. The above product can be given as a powder, capsule or in a liquid form.

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

(19) INDIA

(22) Date of filing of Application :20/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : WEED REMOVER TOOL CUM VERTICAL PLOUGH

(51) International classification	:a01b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMÂNA RAO MUPPA
(32) Priority Date	:NA	Address of Applicant :T.N. PALEM ONGOLE, PRAKASAM
(33) Name of priority country	:NA	DT - 523 272 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAKSHMANA RAO MUPPA
(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 :

Weed remover tool cum vertical plough consists of a handle (1), a vertical member (2), a bunch of crowbars (4) and a vertical member of the bunch (3) and coupling plate (5). This tool reduces the strain on the person working with it and the person will be able to do the work which 10 people would do with other instruments.

No. of Pages : 11 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :10/11/2014

(21) Application No.1146/KOL/2014 A

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WATER FUELLED VEHICLE.		
(51) International classification	:B60K6/445	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AJAY VAIDYA
(32) Priority Date	:NA	Address of Applicant :DEVIMATH,SHERGHATI, GAYA,
(33) Name of priority country	:NA	BIHAR-824211, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AJAY VAIDYA
(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 relates to a water fuelled vehicle and in particular, this invention relates to water fuelled vehicle in which electrical energy is converted into the mechanical energy. More particularly, this present invention relates to a water fuelled vehicle which is run by water. Furthermore, this invention also relates to a water fuelled vehicle which has the beneficial effects of having saving power and safety and pollution free and capable of running through water with an unlimited mileage.

No. of Pages : 15 No. of Claims : 8

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM FOR INDUCTION HEATED STERILIZATION OF SURGICAL INSTRUMENTS AND A METHOD FOR THE SAME.

 (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 (87) International Publica	 (71)Name of Applicant : 1)PROF.(DR.)PRADIP KUMAR SADHU Address of Applicant :DEPARTMENT OF ELECTRICAL ENGINEERING INDIAN SCHOOL OF MINES(UNDER MHRD,GOVT.OF INDIA) DHANBAD-826004, JHARKHAND,INDIA 2)AGAMANI CHAKRABORTY 3)DR. NITAI PAL 4)ATANU BANDYOPADHYAY (72)Name of Inventor : 1)PROF.(DR.)PRADIP KUMAR SADHU 2)AGAMANI CHAKRABORTY 3)DR.NITAI PAL 4)ATANU BANDYOPADHYAY
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(57) Abstract :

The present invention relates to a system for induction heated sterilization of surgical instruments. An autoclave (1) comprising of a lid (6) for closing the top of the said autoclave, a pressure gauge (8), a safety valve (7) and a discharge tap (9), a perforated tray (5) for holding the materials for sterilization disposed inside the autoclave (1), is arranged. The said autoclave has water (3) and a stainless steel plate (4) inside when the bottom has a synthetic platform (2). An induction heating process is arranged to heat the work coil (15) and in turn to heat the stainless steel plate (4) and in turn to heat the water (3) to generate steam to pass through the perforated tray (5) to sterilize the material kept an the said tray.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A VISUAL CONTENT DISPLAY SYSTEM (71)Name of Applicant : :G06F17/30 (51) International classification 1)CENTRAL RESEARCH & TRAINING LABORATORY (31) Priority Document No :NA (NATIONAL COUNCIL OF SCIENCE MUSEUMS) (32) Priority Date :NA Address of Applicant :MINISTRY OF CULTURE, GOVT. (33) Name of priority country :NA OF INDIA, BLOCK GN, SECTOR V, KOLKATA-700091, (86) International Application No :NA WEST BENGAL. INDIA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)CHAUDHURI, SHRI SUBHABRATA (61) Patent of Addition to Application Number :NA 2)DASGUPTA, SHRI NATARAJ Filing Date :NA **3)BAGCHI, SHRI MANASH** (62) Divisional to Application Number :NA 4) BISWAS, SHRI GAUTAM Filing Date :NA 5)KABASI, SHRI KUNTAL

(57) Abstract :

A visual content display system comprising movable projection screen, a transducer means for translating the projection screen movement into equivalent electronic signal indicating the movement or motion status of the projection screen, a projector device for projecting visual content on the projection screen and a controller work station for receiving the said electronic signal and thereby controlling the projector device for altering or switching the visual content projected on the said projection screen involving selectively displaying zooming in content or panning out content based on the received electronic signal indicating the state of the movable projection screen.

No. of Pages : 16 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : GRAVITY DRIVEN MULTIPLE FLIP PANEL BASED INTERPRETIVE DISPLAY SYSTEM

(51) International classification	:H04B1/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL RESEARCH & TRAINING LABORATORY
(32) Priority Date	:NA	(NATIONAL COUNCIL OF SCIENCE MUSEUMS)
(33) Name of priority country	:NA	Address of Applicant : Ministry Of Culture, Govt. Of India, 33,
(86) International Application No	:NA	Block Gn, Sector V, Kolkata- 700091, West Bengal, India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAUDHURI, Shri Subhabrata
(61) Patent of Addition to Application Number	:NA	2)DASGUPTA, Shri Nataraj
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gravity driven multiple flip panel interpretive display system comprising a housing having at least one display region, said housing supported to favour flipping up side down and vice-versa of the same for shifting the display in said display region, plurality of shiftable display panel boards with visual contents inscribed thereon disposed within the said housing such that the flipping up side down and vice versa motion of said housing activate shifting of the said display panel boards under gravity cyclically in a predetermined sequence of its arrangement to get sequentially displayed in said display region.

No. of Pages : 23 No. of Claims : 11

(22) Date of filing of Application :20/10/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE CODING DEVICE, IMAGE CODING METHOD, IMAGE CODING PROGRAM, TRANSMISSION DEVICE, TRANSMISSION METHOD, TRANSMISSION PROGRAM, IMAGE DECODING DEVICE, IMAGE DECODING METHOD, IMAGE DECODING PROGRAM, RECEPTION DEVICE, RECEPTION METHOD, AND RECEPTION PROGRAM

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2012-092077	1)JVC KENWOOD CORPORATION
(32) Priority Date	:13/04/2012	Address of Applicant :12, Moriya-cho 3-chome, Kanagawa-
(33) Name of priority country	:Japan	ku, Yokohama-shi, Kanagawa 2210022 JAPAN
(86) International Application No	:PCT/JP2013/002514	(72)Name of Inventor :
Filing Date	:12/04/2013	1)KUMAKURA, Toru
(87) International Publication No	:WO 2013/153824	2)FUKUSHIMA, Shigeru
(61) Patent of Addition to Application	٠NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a picture coding device that partitions differential information between a picture that is a coding target and a picture that is a prediction target into a plurality of sub blocks and codes the partitioned sub blocks in a predetermined sequence, a significant sub block information coding controller (708) and a calculation encoder (701) code significant sub block information that represents whether or not all the values of differential coefficients belonging to the sub block are zero. A significant coefficient information coding controller (706) and the calculation encoder (701) code significant differential coefficient information that represents whether or not the value of the differential coefficient is zero. A differential coefficient value coding controller (707) and the calculation encoder (701) code the value of the differential coefficient.

No. of Pages : 137 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :08/08/2013

(54) Title of the invention : A NEW LIQUID CELL FOR MEV-ELECTRON IRRADIATION AT LOW TEMPERATURE

(51) International classification	:H01J 5/00	(71)Name of Applicant : 1)BIRLA INSTITUTE OF TECHNOLOGY
(31) Priority Document No	:NA	Address of Applicant : P.O. MESRA, RANCHI - 835215,
(32) Priority Date	:NA	JHARKHAND India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. BISWAJIT MALLICK
Filing Date	:NA	2)SUVENDU KUMAR SAHOO
(87) International Publication No	: NA	3)DR. SANJEEB KUMAR ROUT
(61) Patent of Addition to Application Number	:NA	4)DR. RABI NARAYAN MUKHERJEE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method of irradiation of liquid samples by MeV electron beam at low temperature and in particular, this invention relates to method of irradiation of electron beam irradiation with bone marrow to accelerate the fracture healing process of bone. More particularly, this present invention relates to a method of irradiation of liquid samples in which the radiation induced effects of low temperature liquid irradiation cell based 4 MeV electron beam at low temperature can be done. Furthermore, this invention also relates to device by which irradiation of liquid samples by MeV electron beam at low temperature can be done. Furthermore, this device for irradiation of liquid samples which has the beneficial effects of having saving manpower cost, reducing labor intensity, and having safety and reliability.

No. of Pages : 23 No. of Claims : 11

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

(43) Publication Date : 05/12/2014

(54) Title of the invention : VIDEO ENCODING DEVICE, VIDEO ENCODING METHOD, VIDEO ENCODING PROGRAM TRANSMISSION DEVICE, TRANSMISSION METHOD, AND TRANSMISSION PROGRAM, AND VIDEO DECODING, DEVICE, VIDEO DECODING METHOD, VIDEO DECODING PROGRAM ,RECEIVING DEVICE, RECEIVING METHOD AND RECEIVING PROGRAM

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2012-091385	1)JVC KENWOOD CORPORATION
(32) Priority Date	:12/04/2012	Address of Applicant :12, Moriya-cho 3-chome, Kanagawa-ku,
(33) Name of priority country	:Japan	Yokohama-shi,Kanagawa 2210022 Japan
(86) International Application No	:PCT/JP2013/002513	(72)Name of Inventor :
Filing Date	:12/04/2013	1)NAKAMURA,Hiroya
(87) International Publication No	:WO 2013/153823	2)FUKUSHIMA,Shigeru
(61) Patent of Addition to Application	·N A	3)TAKEHARA,Hideki
Number	.INA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A prediction information deriving unit (104) derives the inter-prediction information candidates from inter-prediction information of a prediction block neighboring to a coding target prediction block or a prediction block present at the same position as or near the coding target prediction block in a coded picture at a temporally different position from the coding target prediction block. A candidate supplementing unit (135) supplements inter-prediction information candidates having the same prediction mode, reference index, and motion vector until the number of inter-prediction information candidates reaches the designated number of candidates when the number of inter-prediction information candidates is smaller than the designated number of candidates.

No. of Pages : 266 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : DECORATIVE LAMINATE SHEET				
 (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 	n:B32B5/28,A47B96/18,B32B27/04 :2011225419 :13/10/2011 :Japan :PCT/JP2012/076477 :12/10/2012 :WO 2013/054897 :NA :NA :NA	 (71)Name of Applicant : 1)AICA KOGYO CO. LTD. Address of Applicant :2288 Nishihorie Kiyosu shi Aichi 4520917 Japan (72)Name of Inventor : 1)YASUI Masataka 2)KOUYAMA Kazuki 3)OGINO Tomoya 		

(57) Abstract :

A decorative board 5 includes: a prepreg 2 that includes (a) a binder component including: (a1) at least one thermoplastic resin selected from a group consisting of acrylic resin having a glass-transition temperature Tg exceeding 0°C, vinyl chloride resin having a glass-transition temperature Tg exceeding 0°C, acrylic urethane, and aqueous polyurethane resin, and (a2) a thermosetting resin, a mixing ratio of the (a1) at least one thermoplastic resin to the (a2) thermosetting resin being 1:0-0.5 in solid content ratio, and (b) an endothermic metal hydroxide; and a thermosetting resin impregnated decorative paper 1, wherein the prepreg and the thermosetting resin impregnated decorative paper are stacked and integrated.

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/11/2014

(43) Publication Date : 05/12/2014

 (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 	:D06F73/00 :2013-135859 :28/06/2013 :Japan :PCT/JP2013/068880 :10/07/2013 : NA :NA :NA :NA	 (71)Name of Applicant : NISSHIN STEEL CO.,LTD. Address of Applicant :4-1, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO 1008366 JAPAN (72)Name of Inventor : NAKAMURA, NAOFUMI YAMAMOTO, YUDAI KUROBE, JUN
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IRONING MOLD AND FORMED MATERIAL MANUFACTURING METHOD

(57) Abstract :

An ironing mold for performing ironing on a convex formed portion formed using a surface treated metal plate as a raw material, comprising: a punch that is inserted into the formed portion; and a die having a pushing hole into which the formed portion is pushed together with the punch, characterized n that the pushing hole includes a shoulder portion disposed on an outer edge of an inlet of the pushing hole and constituted by a curved surface having a predetermined curvature radius, and an inner peripheral surface which extends from a radius end of the shoulder portion in a pushing direction of the formed portion, and along which an outer surface of the formed portion slides in response to relative displacement between the punch and the die, and the inner peripheral surface extends non-parallel to an outer peripheral surface of the punch, and the inner peripheral surface is provided with a clearance that corresponds to an uneven plate thickness distribution, in the pushing direction, of the formed portion prior to the ironing relative to the outer peripheral surface to ensure that an amount of ironing applied to the formed portion remains constant in the pushing direction.

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

(19) INDIA

(22) Date of filing of Application :24/10/2014

(54) Title of the invention : A HIGH FREQUENCY FULL BRIDGE SERIES RESONANT INVERTER WITH AC INPUT SOURCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (NA (33) Name of priority country (NA (86) International Application No Filing Date (87) International Publication No (87) International Publication Number (86) International Publication Number (87) International Publication Number (88) International Publication Number (88) International Publication Number (88) International Publication Number (88) International Publication Number (89) International Publication Number (80) Internati	 (71)Name of Applicant : 1)PROF.(DR.)PRADIP KUMAR SADHU Address of Applicant :DEPARTMENT OF ELECTRICAL ENGINEERING INDIAN SCHOOL OF MINES(UNDER MHRD,GOVT.OF INDIA) DHANBAD-826004, JHARKHAND,INDIA 2)DEBABRATA ROY 3)DR. NITAI PAL 4)ARIJIT BARAL (72)Name of Inventor : 1)PROF.(DR.)PRADIP KUMAR SADHU 2)DEBABRATA ROY 3)DR.NITAI PAL 4)ARIJIT BARAL
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(57) Abstract :

A high frequency full bridge series resonant inverter with AC input source comprising an AC input source (S), an AC filter (F), four numbers of anti-parallel diodes (D1, D2, D3, D4), a capacitor (C), four numbers of metal oxide semiconductor field effect transistor (MOSFET 1, 2,3,4) wherein the AC supply is directly applied to the inverter. The inverter has four metal oxide semiconductor field effect transistor (MOSFET) switches (MOSFET 1,2,3 and 4) for resulting the current flowing through the load in direction X to Y for half cycles and making the current flowing in the reverse direction (Y to X) for next half cycle producing a high frequency alternating voltage across the load wherein four numbers of anti-parallel diodes (D1, D2, D3, D4) are disposed in the arrangement and connected to the MOSFETS for serving the purpose of rectification when the rectified DC voltage produced across the capacitor (C) is converted to AC by the inverter operating at high switching frequency making the arrangement acting like an AC to AC converter wherein the inverter operating at high switching frequency produces a high frequency alternating voltage across the load.

No. of Pages : 17 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COATING COMPOSITION BASED ON ALCOHOL

(51) International classification	·A01G13/00	(71)Name of Applicant ·
(51) International classification	.A01015/00	(71)Name of Applicant.
(31) Priority Document No	:NA	1)KAMAL KUMAR SENGUPTA
(32) Priority Date	:NA	Address of Applicant :82/57,MAHARAJ NANDA KUMAR
(33) Name of priority country	:NA	ROAD(SOUTH), KOLKATA-700036, WEST BENGAL, INDIA
(86) International Application No	:NA	2)JAGDISH PRASAD SINGHI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KAMAL KUMAR SENGUPTA
(61) Patent of Addition to Application Number	:NA	2)JAGDISH PRASAD SINGHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition based on alcohol. More particularly, the present invention relates to the composition based on ethanol soluble oil modified alkyd resins. Moreover this invention relates to the composition wherein metallic soaps of barium, cobalt, calcium, manganese and zirconium is soluble in ethanol which supports drying of alkyds in air and ethanol soluble hard resin. This invention relates to the process for producing the above composition which has the characteristics of pollution free, and the like and cost effective.

No. of Pages : 18 No. of Claims : 6

(21) Application No.2363/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date : 05/12/2014

:B82B1/00 (71)Name of Applicant : (51) International classification 1)NISSAN MOTOR CO., LTD. H01B1/00 Address of Applicant :4-1, MARUNOUCHI 3-CHOME, (31) Priority Document No :2014-057529 (32) Priority Date CHIYODA-KU, TOKYO 1008366 JAPAN :20/03/2014 (33) Name of priority country (72)Name of Inventor : :Japan **1)NAKAMURA. NAOFUMI** (86) International Application No :PCT/JP2014/062849 Filing Date :14/05/2014 2)YAMAMOTO, YUDAI (87) International Publication No : NA 3)KUROBE, JUN (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FORMED MATERIAL MANUFACTURING METHOD AND FORMED MATERIAL

(57) Abstract :

A formed material is manufactured by performing forming including at least one drawing-out process and at least one drawing process performed after the drawing-out process. A punch 31 used in the drawing-out process is formed to be wider on a rear end side than on a tip end side. By pushing a raw material metal plate into a pushing hole 30a together with the punch 31, ironing is performed on a region of the raw material metal plate corresponding to a flange portion.

No. of Pages : 28 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.1131/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 05/12/2014

(54) Title of the invention : PINE H	ONEYCOMB PADS FOR COOLER
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(51) International classification	:F24F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABHINAV CHAUHAN
(32) Priority Date	:NA	Address of Applicant :E-27, DEFENCE COLONY, NEW
(33) Name of priority country :NA		DELHI, INDIA; 110024. Delhi India
(86) International Application No :N		(72)Name of Inventor :
Filing Date	:NA	1)ABHINAV CHAUHAN
(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 evaporative cooling pad with a honeycomb like structure which is made of pulp/ paper of pine. The cooling pad is designed with an exclusive cross-fluted configuration which induces highly turbulent mixing inside the pad between the water and the air, and contributes to the evaporative efficiency. The cross-fluted design makes the pad a strong self-supporting pad with high evaporative efficiency and low pressure drop.

No. of Pages : 7 No. of Claims : 5

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PROCESS FOR THE DEVELOPMENT OF TRIGLYCERIDE BIOSENSOR BASED ON A PLATINUM NANO PARTICLE AND POLYPYRROLE NANO COMPOSITE ELECTRODE

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. T. BASU
(87) International Publication No	:NA	2)RUCHIKA RAGHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The PPY/PtNP/PPY/ITO (PtNP/PPY/ITO) multilayered nanocomposite based films electrochemically deposited onto indium tin oxide (ITO) coated glass plate have been utilized for covalent immobilization of lipase (LIP), via N-ethyl-N-(3-dimethylaminopropyl) carbodiimide (EDC) and N-hydroxysuccinimide (NHS) for triglyceride detection using amperometric technique. We have characterized PPY/ITO, PtNP/PPY/ITO electrodes, and LIP/ PtNP/PPY/ITO multilayered bioelectrode using Fourier transform infrared (FTIR), scanning electron microscopy (SEM), electrochemical impedance spectroscopy (EIS) and cyclic voltammetry (CV) techniques. The electrochemical response of LIP/ PtNP/PPY/ITO multilayered bioelectrode towards triglyceride, investigated using CV studies, exhibits linearity, detection limit and shelf life as 50-500 mg/dL, 25 mg/dL and 9 weeks, respectively. The value of the apparent Michaelis-Menten constant (Kappm) obtained as 18.54 mg/dL (0.89 mM) for LIP/ PtNP/PPY/ITO multilayered bioelectrode indicates high affinity of lipase with tributyrin.

No. of Pages : 21 No. of Claims : 9

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL REUSABLE CHOLESTEROL BIOSENSOR BASED ON GOLD NANOPARTICLES DECORATED GRAPHENE-NANOSTRUCTURED POLYANILINE NANOCOMPOSITE

(51) International classification:C081(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAState:NA<	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSIY CAMPUS,SECTOR 125, NOIDA-201303, UP, INDIA (72)Name of Inventor : 1)DR. T. BASU 2)DR. DEEPSHIKHA 3)MS RUCHIKA CHAUHAN
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(57) Abstract :

The present invention relates to nanobiocomposite bienzymatic amperometric cholesterol biosensor coupled with cholesterol oxidase (ChOx) and horseradish peroxidase (HRP) immobilised on nanocomposite film deposited on ITO, electrode for estimation of free cholesterol with higher accuracy in blood serum samples. The bienzyme based nano composite bioelectrodes (ChOx-HRP/NSPANI-AuNP-GR/ITO) offer better performance in terms of detection limit, sensitivity, and response time than single enzyme system. This is attributed to the presence of HRP along with ChOx to enhance the overall biochemical reaction. The ChOx-HRP/NSPANI-AuNP-GR/ITO nanocomposite bioelectrode exhibits minimum interference, very low Km value, low response time and excellent reusability. The large specific surface area, excellent conductivity, stable and reliable redox properties of NSPANI-AuNP-GR nano composite film allow the rapid transmit of electron and enhance current response for the immobilized enzymes.

No. of Pages : 25 No. of Claims : 10

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED METHOD FOR ISOLATION AND PURIFICATION OF BERBERINE FROM SPECIES CONTAINING BERBERINE

(51) International classification	:C12P
(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

(57) Abstract :

The present invention discloses an improved method for isolation and purification of berberine from plant species containing berberine with specific reference to Berberis aristata, as berberine hydrochloride, berberine sulphate and berberine tannate, from the roots and stem bark. The method is based on selective pH extraction by water at a temperature in the range of 20-85° C. Berberine is a compound that has been identified as a source of therapeutic and high commercial value compound, used in the treatment of cancer, regulating glucose and lipid metabolism in cancer cells. Currently the predominant clinical uses of berberine include bacterial diarrhea, intestinal parasite infections and ocular trachoma infections, as well as nano medicine.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION	(21) Application No.1554/DEL/2012 A		
(19) INDIA			
(22) Date of filing of Application :22/05/2012	(43) Publication Date : 05/12/2014		
(54) Title of the invention · A MODIFIED PROCESS OF	PURIFICATION OF COLOCASIA ESCUI ENTA (TARO) AL		

(54) Title of the invention : A MODIFIED PROCESS OF PURIFICATION OF COLOCASIA ESCULENTA (TARO) ALKALINE PHOSPHATASE BY BI-PHASE EXTRACTION

(51) International classification	:C07C	(71)Name of Applicant :		
(31) Priority Document No	:NA	1)AMITY UNIVERSITY		
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS		
(33) Name of priority country		SECTOR-125, NOIDA, UP, INDIA		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)KIRTI RANI		
(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 modified process for the extraction of alkaline phosphatase from Colocasia Esculenta (taro) with potassium phosphate buffer and its purification by bi-phase extraction by using 30 parts of potassium hydrogen phosphate and 5 parts of polyethylene glycol (PEG). The aqueous two phase extraction method purifies 75% of Colocasia Esculenta alkaline phosphatase which can be used for further industrial applications such as in food & pharmaceutical, clinical, textiles, detergent and chemical industries.

No. of Pages : 9 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :31/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : TWO PHASE ROTARY INTERNAL COMBUSTION ENGINE (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No (54) Title of the invention : TWO PHASE ROTARY INTERNAL COMBUSTION ENGINE (71)Name of Applicant : (71)Name of Applicant :

11		
Filing Date	:NA	1)VISHAL SAINI
(87) International Publication No	: NA	2)ROSHAN KUMAR BHUYAN
(61) Patent of Addition to Application Number	:NA	3)BASANT KUMAR AGRAWAL
Filing Date	:NA	4)R K CHAUHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a rotary internal combustion engine (RICE) which eliminates intake & exhaust valves, camshaft, cams, lifter rods, crank and timing belts. The engine according to the present invention is mechanically simple and light in weight. The rotary engine has a cylindrical body comprising compression and combustion chamber. The compressor valve is divided into two parts. Each part consists intake port, compression unit and passage valve. The combustion valve is also divided into two parts. Each part consists of exhaust port, combustion unit and exhaust area. The pistons move in a clockwise manner. Intake occurs behind the piston and compression ahead of it. Similarly exhaust occurs behind the piston and combustion ahead of it. The use of two separate chambers, one for intake & compression and other one for combustion & exhaust ensures that compressed gases do not mix with the exhaust gases, hence reducing chances of auto ignition of fuel.

No. of Pages : 30 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :31/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : EMBEDDED EXPERT SYSTEM FOR ESTIMATION OF DIRECT SOLAR RADIATION (51) International classification :G06Q (71)Name of Applicant : (31) Priority Document No **1)AMITY UNIVERSITY** :NA (32) Priority Date Address of Applicant : AMITY UNIVERSITY CAMPUS, :NA (33) Name of priority country SECTOR-125, NOIDA-201303, UP, INDIA :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)N D KAUSHIKA (87) International Publication No : NA 2)R K TOMAR (61) Patent of Addition to Application Number :NA **3)SUKHVINDER SINGH** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a system and method for the estimation of solar radiation. The system estimates the solar radiation under clear as well as gray conditions. The climate effect is taken into account using empirical formulations based on the global classification of climates such as tropical, mid latitude summer, sub arctic summer and mid latitude winter. The system is based on an explicit model which does not require any in situ measurements. It uses the geographical (latitude, longitude, altitude) parameters only and a fuzzy random variable referred to as constant of weather index (clearness index). The contour map of the clearness index is a part of the system wherefrom the value of clearness index can be read.

No. of Pages : 13 No. of Claims : 9

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL COMPOSITION FOR HERBAL HAND-WASH AND PROCESS FOR THE PREPARATION OF 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 	:A61K :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY-UP, SECTOR- 125, NOIDA-201303, UP, INDIA (72)Name of Inventor : 1)CHARU GUPTA 2)DHAN PRAKASH
(61) Facilities in Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract :

The present invention discloses a novel formulation for an herbal hand wash and the process for the preparation of the same which is effective as a germicidal solution and kills microbes while preserving the skins integrity. The herbal formulation is broad-spectrum, antimicrobial agent that is fast-acting, non-irritating and designed for regular use. It also reduces the number of transient flora to a baseline level and improves hand hygiene. It can be used as a healthcare personal handwash. The herbal formulation essentially comprises extracts obtained by a process from flowers of thumbai (Leucas aspera), roots of chitrak (Plumbago zeylanica), dried fruits of bahera (Terminalia belerica), and leaves of chaste tree (Vitex negundo), essential oils of calamus (Acorus calamas), lemon grass (Cymbopogon citratus) oil, tea tree (Melaleuca alternifolia) oil and Eucalyptus (Eucalyptus globulus) oil. The extracts are mixed with suitable carrier base. The herbal formulation has no side effects and is suitable for external application. The herbal formulation may be used in a different form for application such as powder, aqueous extract or lotion.

No. of Pages : 19 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : TARGETED DRUG DELIVERY SYSTEM USING FERRITE NANOPARTICLES

(51) International classification:A6(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	 1B (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA-201303, UP, INDIA (72)Name of Inventor : 1)AMRISH CHANDRA
(87) International Publication No :NA	2)SEEMA GARG
(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 targeted drug delivery system for treatment of various ailments but not limited to cancer, tumors, malignant and non-malignant lumps. The invention relates to lipid vesicle containing ferrite inside and/or on the surface of such vesicle and containing along with it a synthetic and/or herbal drug for therapeutic use. The system can safely incorporate the herbal drug, carry it to the target site with the help of ferrite nanoparticle and deliver the drug component on being stimulated at the site of action. The developed targeted drug delivery system is simple and non-specific i.e. it can be used to deliver the drug to any desired cell.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION	
(10) INDIA	

(19) INDIA

(22) Date of filing of Application :29/05/2012

(54) Title of the invention : LOCK IN TWIN FEEDER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E02B :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PADIA, ASHISH Address of Applicant :B-73, WAZIRPUR INDUSTRIAL AREA, NEW DELHI-110088 Delhi India (72)Name of Inventor : 1)PADIA, ASHISH
 (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	

(57) Abstract :

The present invention provides a multiple feeder system for pets. In the lock-in feeder system, all the bowls can be safely locked into the base or stand of the feeder so that the bowl does not topple with the normal activity of the animal. No screws are required to keep the bowls in place. The lock-in feeder system for pets or animals is having a combination of food and water dispenser and a base or stand having a foundation or a base. The entire system comprises a plurality of containers or bowls for storing and consuming food or water by animals.

No. of Pages : 20 No. of Claims : 16

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : ENHANCEMENT OF SHIKONIN PRODUCTION OF AZOTOBACTER CHROOCOCCUM IN HAIRY ROOT CULTURES OF ARNEBIA HISPIDISSIMA (LEHM.) DC

 (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 	:C12Q :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY RAJASTHAN Address of Applicant :AMITY UNIVERSITY RAJASTHAN, KANT KALWAR, NH-11C, JAIPUR-DELHI NATIONAL HIGHWAY, JAIPUR-303002, RAJASTHAN, INDIA (72)Name of Inventor : 1)BHARAT SINGH 2)AMRENDRA NATH PATHAK
Filing Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

The present invention relates to a method for enhanced production of shikonin using co-culture medium of Arnebia hispidissima hairy root and an Azotobacter chroococcum. Azotobacter chroococcum facilitates the increased natural expression of shikonin by Arnebia hispidissima hairy root culture in the medium. The invention also relates to a cost effective method for commercial production of shikonin as medicinally important secondary metabolite.

No. of Pages : 20 No. of Claims : 9

(21) Application No.1783/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : DESIGN OF HORIZONTAL BIOREACTOR FOR SOLID STATE FERMENTATION PROCESSES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY RAJASTHAN
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY RAJASTHAN,
(33) Name of priority country	:NA	KANT KALWAR, NH-11C, JAIPUR-DELHI HIGHWAY,
(86) International Application No	:NA	JAIPUR-303002 Rajasthan India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A.N. PATHAK
(61) Patent of Addition to Application Number	:NA	2)GAURAV NEHRU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides the design of horizontal bioreactor for solid state fermentation that can successfully used for production of primary and secondary metabolites like various enzymes ,acid and antibiotics. The novel design of the bioreactor of the invention affords high aeration capacity through convex and concave baffles and with sparger system that supply adequate oxygen supply to the microorganisms to produce the desired metabolites at high level. The advantage of the novel baffles, agitation and sparger systems enable the medium in the vessel to be mixed and aerated substantially and more efficiently.

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

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL SYNERGISTIC DRUG FOR HCC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication Number (87) Internati	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant : AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA-201301, U.P., INDIA. (72)Name of Inventor : 1)DEEPSHIKHA PANDE KATARE 2)JOHN E MOSES 3)S.K.JAIN 4)HARSHA KHARKWAL 5)PALLAVI SHARMA 6)KUMUD BALA 7)D.D. JOSHI
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(57) Abstract :

The present invention relates to a targeted drug delivery system for hepatocellular carcinoma (HCC) using a combination of microspheres of drug and natural polymers in a single, pharmaceutically acceptable dosage form. The composition of the present invention comprises the drug transchalcone and sulphated guar gum exhibiting synergistic effects. The pharmaceutical composition for the present invention is prepared using pullulan (α -1,4; -1,6 glucan) or other polymeric materials. The present invention offers distinct advantages of drug delivery without undesirable side-effects of diarrhea, nausea or vomiting commonly encountered in case of anti-cancer drugs.

No. of Pages : 15 No. of Claims : 6

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR ENTRAPMENT OF ALKALINE PHOSPHATASE EXTRACTED FROM AZADIRACHTA INDICA

 (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 	:C07C :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, U.P., INDIA. (72)Name of Inventor : 1)KIRTI RANI
(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 process for the entrapment of alkaline phosphatase extracted from Azadirachta indica in bovine serum albumin with glutaraldehyde and mustard oil. The emulsification with mustard oil and covalent coupling with glutaradehyde increases the stability of encapsulated nanoparticles of bovine serum albumin and it also allows sustained release of entrapped alkaline phosphatase extracted from Azadirachta indica in the delivery system in the presence of proteases. Even the partially purified enzyme is immobilized with good % of immobilization in the prepared nanoparticles of bovine serum albumin. Further, these encapsulated emulsified nanoparticles of bovine serum albumin with the action of proteases (trypsin, papain & chymotrypsin) can be used in the food & pharmaceutical, chemical and detergent industries.

No. of Pages : 12 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYHDROXYALKANOATES (PHAS) PRODUCTION FROM BOILED RICE WASH

(51) International classification:A23(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	 L (71)Name of Applicant : AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA, UP, INDIA. (72)Name of Inventor :
Filing Date :NA	1)AARTI SHARMA
(87) International Publication No : NA	2)VIDUSHI SINGH
(61) Patent of Addition to Application Number :NA	3)SUDESNA SAHA
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to the low cost process for utilization of the rice waste for production of polyhydroxy alkanoates (PHAs) polymer and also relates to the use of boiled rice wash as carbon source substrate for the production of PHA polymer. This PHA polymer further can be used for the production of the bioplastic which are biodegradable in nature.

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

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : ARACHIS HYPOGAEA (PEANUT) AS THE PROBIOTIC FOOD

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANJU PATHAK
(87) International Publication No	: NA	2)AHWANI KUMAR SRIVASTAVA
(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 the method for the preparation of functional food obtained from seed processing of Arachis hypogaea containing beneficial (Probiotics) microbial colonies of Bifidobacterium sp. and Lactobacillus species. The probiotic food obtained from the processing of seed is more palatable, stable and has a longer shelf life. The functional food may be formulated into oral dosage forms such as but not limited to tablets, capsules or most preferably as a powder formulation that may be dissolved in liquid such as water, milk, juice and yogurt or may be consumed as such.

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

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : LENS CULINARIS (LENTIL) AS PROBIOTIC FOOD

(51) Intermedian el alerei Circtian		
(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANJU PATHAK
(87) International Publication No	: NA	2)AHWANI KUMAR SRIVASTAVA
(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 functional food product obtained from the processing of the seeds of Lens culinaris containing probiotic colonies of Bifidobacterium species, Sachhromyces species and Lactobacillus species. The number of probiotic strains of Saccharomyces, Bifidobacterium and Lactobacillus is significantly increased with the soaking and germination of the Lens culinaris seeds for a specified period of time. The functional food may be formulated into oral dosage forms such as but not limited to tablets, capsules or most preferably as a powder formulation that may be dissolved in liquid such as water, milk, juice and yogurt or may be consumed as such.

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

(19) INDIA(22) Date of filing of Application :30/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : HERBAL NANO SILVER USING RATANJOT FOR WOUND AND BURN TREATMENT

(51) International classification :A61	(71)Name of Applicant :
(31) Priority Document No :NA	1)AMITY UNIVERSITY
(32) Priority Date :NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country :NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)AMRISH CHANDRA
(87) International Publication No :NA	2)SEEMA GARG
(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 an herbal formulation comprising silver nanoparticles for the treatment of wound and skin burn and synthesis of the silver nanoparticles using Ratanjot (Arnebia nobilis and other species) root extract. The herbal formulation is formulated as an ointment which can be easily applied for local and/or systemic effect on wound and skin burn. The herbal formulation is very useful in promoting wound & burn healing and has antimicrobial properties. It is very safe and eco friendly and does not produce any adverse effect.

No. of Pages : 20 No. of Claims : 8
(22) Date of filing of Application :30/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROFOUND EFFECT OF CURCUMIN ALONG WITH VITAMIN-C ON MALATHION INDUCED TOXICITY REDUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA (72)Name of Inventor :
Filing Date	:NA	1)KUMUD BALA
(87) International Publication No	:NA	2)HARSHA KHARAKWAL
(61) Patent of Addition to Application Number	:NA	3)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a comprehensive study of ovary from H. fossilis of a polluted pond and ovary of 6 ppm Malathion (commercial grade EC 50%) treated fish for 2,4 and 8 days respectively, using scanning Electron Microscope which reveals the occurrence of Macrophages. After doing all kinds of physico-chemical parameter it is found that the pond is unhealthy and designated as Type E. Malathion treated ovaries show degenerative changes like prominent longitudinal zig-zag folds, with eroded surface forming convex region on its margin. Few phagocytic macrophages are present on the surface epithelium of ovary. It is probably due to stressful condition induced by malathion or by synergistic effects of aquatic toxicants in polluted pond. The presence of large number of macrophages serves as a bio-indicator of ecotoxicological hazards in aquatic ecosystem which is found reduced with the effect of solid dispersion of curcumin PVP(Polyvinyl pyrrolidone) K-30 in the ratio of 1:2,1:4,1:5,1:6 and 1:8 and Vitamin-c doses of 5mg/kg body wt of the fish.

No. of Pages : 16 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED HERBAL FORMULATION FOR TREATING DIARRHEA

(51) International classification :A61K	(71)Name of Applicant :
(31) Priority Document No :NA	1)AMITY UNIVERSITY
(32) Priority Date :NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country :NA	SECTOR-125, NOIDA-201303, U.P., INDIA.
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)ARCHANA CHATURVEDI
(87) International Publication No :NA	2)NEETA BHAGAT
(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 an antimicrobial herbal formulation useful in the treatment of diarrhea. The herbal formulation comprising the blend of different plant extract comprising the family of Apocynaceae, Lythraceae, Rutaceae, Cyperaceae, Punicaceae, Menispermaceae., Symplocaceae, Leguminosae, and Malvacea. The formulation shows wide range of antimicrobial potential against E. coli, Staphylococcus epidermididis, Pseudomonas aeroginosa, Enterococcus and Micrococcus. The formulation may be prepared in any suitable form such as tablet, syrup, powder or beverage.

No. of Pages : 13 No. of Claims : 6

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVELOPMENT OF LOW COST, CONVENIENT AND ELECTROACTIVE POLYANILINE-CERAMIC CHALCOGENIDE COMPOSITES.

 (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 	:C08F :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India (72)Name of Inventor : 1)DR BIJAYALAXMI PANDA 2)PRAGYA BANSAL
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(57) Abstract :

The present invention relates to a process for the development of a low cost polyaniline and chalcogenide composite material through a convenient process. The present invention provides a process of preparing polyaniline-chalcogenide composites by solid state mixing route for a period of time sufficient to form the said polyaniline-chalcogenide composite. The composite material possesses highly increased ionic conductivity. The composite is a cost effective material and exhibits active electrical characteristics. The composite has potential application in batteries and other electronic devices.

No. of Pages : 16 No. of Claims : 7

(19) INDIA (22) Date of filing of Application :11/03/2013 (43) Publication Date : 05/12/2014 (54) Title of the invention : METHODS AND APPARATUS FOR RELOCATING AND RESTORING CONNECTIONS THROUGH A FAILED SERVING GATEWAY AND TRAFFIC OFFLOADING (51) International classification :H04W36/12 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/383116 (32) Priority Date :15/09/2010 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No **1)SAHIN Yildirim** :PCT/IB2011/053465 Filing Date :03/08/2011 2)CAMPBELL Loudon Lee (87) International Publication No :WO 2012/035450 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.2172/DELNP/2013 A

(57) Abstract :

in a radio telecommunications network a serving gateway support node controls connections between user equipment nodes and a packet based network that pass through at least one serving gateway and at least one packet gateway. The serving gateway support node detects failure of communications to a first serving gateway. The serving gateway support node responds to the detected failure by initiating relocation of existing connections through the first serving gateway to instead pass through a second serving gateway. The serving gateway support node detects recovery of communications to the first serving gateway and responds by ceasing relocation of at least some of the existing connections that have not yet been relocated to the second serving gateway. Related methods serving gateways and packet gateways are also disclosed.

No. of Pages : 61 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :04/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL COMPOSITION FOR HERBAL MOUTHWASH AND PROCESS FOR THE PREPARATION OF THE SAME

(57) Abstract :

The present invention discloses a novel herbal formulation for mouthwash and the process for the preparation of the same which possess antimicrobial, anti-inflammatory, anti-plaque, antiseptic and refreshing properties. The synergistic herbal mouthwash is prepared from the extracts of polyherbal powders which essentially comprises extracts from unripe fruit pulp of mango (Mangifera indica), pulp of tamarind (Tamarindus indica), fruit pericarp of pomegranate (Punica granatum), bark of babul (Acacia Arabica), fruit shell of Indian almond (Terminalia catappa), essential oils from bark of cinnamon (Cinnamomum zeylanicum), aerial part of peppermint (Mentha piperita) and flower of geranium (Pelargonium graveolens) and raspberry oil (Rubus idaeus) as a flavouring agent and carrier oil. The formulation gives soothing and cooling sensation in the mouth and is also useful against halitosis (bad breath). The formulation is safe as a mouthwash for daily use with no side effects.

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

(21) Application No.1707/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : PLIERS WITH GRIPPING JAW ADJUSTMENT CAM			
(51) International classification :A47J	(71)Name of Applicant :		
(31) Priority Document No :NA	1)MALAVIYA NATIONAL INSTITUTE OF		
(32) Priority Date :NA	TECHNOLOGY JAIPUR		
(33) Name of priority country :NA	Address of Applicant : JAWAHARLAL NEHRU MARG,		
(86) International Application No :NA	JAIPUR-302017, RAJASTHAN, INDIA		
Filing Date :NA	(72)Name of Inventor :		
(87) International Publication No : NA	1)SHARMA DILIP		
(61) Patent of Addition to Application Number :NA	2)PRAJAPAT HARI		
Filing Date :NA			
(62) Divisional to Application Number :NA			
Filing Date :NA			

(57) Abstract :

A self adjusting pliers for facilitating self adjustment of the gripping jaws include a first jaw extending from a first handle with a first connecting portion disposed there-between, a second jaw extending from a second handle with a second connecting portion disposed there-between, and a cam secured to a first connecting portion connecting said first jaw to said first handle. The first connecting portion is provided with a slot configured thereon. The second connecting portion is provided with a pin configured thereon. The first handle is pivotable with respect to the second handle for facilitating relative movement between the first jaw and the second jaw for gripping and releasing an article held there-between, the pin moves along length of the slot. The opposite second end of the cam contacts different points along a length of the second connecting portion depending on the location of the pin in the slot.

No. of Pages : 21 No. of Claims : 5

(21) Application No.2236/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AREA RANGE ESTIMATION DEVICE AND AREA RANGE ESTIMATION METHOD

(57) Abstract :

An area range estimation device (10) includes a first location information acquisition unit (11) that acquires first location information containing terminal identification information identifying a mobile 5 terminal (100) and area identification information identifying a location area of the mobile terminal (100), a second location information acquisition unit (12) that acquires second location information containing the terminal identification information and location information indicating a location of the mobile terminal (100), a 10 correspondence information generation unit (13) that generates correspondence information based on the area identification information by using the acquired first location information and second location information, and an area range estimation unit (14) that estimates a range of an area identified by the 15 area identification information based on the generated correspondence information.

No. of Pages : 157 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PISTON ROD FOR A CONTAINER

 (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 NA Sumber 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 Filing Date 	:A61M5/315,A61M5/50,A61M5/00 :NA :NA :NA :PCT/IB2010/003169 :29/10/2010 :WO 2012/056265 :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE Address of Applicant :Rue Aristide Berg"s F 38800 Le Pont De Claix France (72)Name of Inventor : 1)PELLEGRINI James 2)PEROT Frdric 3)VERNIZEAU Michel
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(57) Abstract :

The invention relates to a piston rod (20) for an injection device comprising a first and a second legs (30 40) each leg being foldable on itself and comprising a proximal region said piston rod (20) being in one of a folded position and an unfolded position said piston rod (20) comprising coupling means (33 34 35 43 44 45) for coupling the proximal region (32) of the first leg to the proximal region (42) of the second leg when said piston rod (20) is in said unfolded position. The invention also relates to a kit comprising said piston rod.

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

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED WIRELESS TRANSCEIVER DEVICE WITH REDUCED CONTROL PACKET OVERHEAD IN MOBILE AD HOC NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04N :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA, UP, INDIA
(86) International Application No	:NA :NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)AJA1 VIKKAW SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a localized and distributed mechanism for improving the efficiency of transceiver and reducing control packet overhead in a Mobile Ad hoc Network (MANET). Each mobile, portable network device includes at least one wireless transceiver, a processor, GPS device and control system. The processor, GPS device and control system are logically coupled to the wireless transceiver to facilitate digital communication and to know the speed of network device. Every transceiver which is integrated with each mobile node forwards Route Request packets (RREQs) with an adjusted probability (P) value of which is based on speed (S) of that particular node and number of neighbours (N) to that node. The system uses hello mechanism (to find number of neighbors N) and position system (Global Position System) device (to find speed of node S) as a decision criteria to evaluate the value of adjusted probability P. This improved transceiver device is very useful in networks where mobile devices are used and dynamic topologies are formed.

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

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL HERBAL FORMULATION FOR PANCREATIC HEALTH AND PROCESS 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 	:A61K :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA, UP, INDIA (72)Name of Inventor : 1)DHAN PRAKASH
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(57) Abstract :

The present invention relates to the composition and process for the preparation of novel herbal formulation for pancreatic health that rejuvenates the pancreas and restores its normal functions. The present invention in particular provides a formulation that essentially comprises standardized and processed extracts of roots of Withania somnifera (Ashwagandha), aerial parts of Gymnema sylvestre (Gurmar), aerial parts of Centella asiatica (Mandukaparni), immature pods of Acacia nilotica (Babul) aerial parts of Phyllanthus niruri (bhuiaonla), stem of Tinospora cordifolia (Giloa) and fortified with extracts from fruits of Piper longum (Pippali). The herbal supplement exerts a potent effect to improve the functions of pancreas, supports the liver health, regenerates and restores their normal functions that have been damaged due to heavy doses of medications or infection, increases immunity and reduces oxidative stress on vital organs.

No. of Pages : 21 No. of Claims : 9

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : HERBAL NANO SILVER PARTICLES SYNTHESIZED & STABILIZED BY THE EXTRACT OF SARACA INDICA LEAVES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR-125, NOIDA, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SEEMA GARG
(87) International Publication No	:NA	2)AMRISH CHANDRA
(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 synthesis of silver nanoparticles from Saraca indica leaf extract and its herbal formulation comprising silver nanoparticles can be used for treating pain, inflammation and also helminthiasis. The herbal formulation comprise of silver nanoparticles alone or possibly in combination with other synthetic and/or herbal drugs. The formulation may be formulated as a topical application or as an oral dosage form which can be easily administered for local and/or systemic effect for the treatment of pain, inflammation or helminthiasis. It also has the potential as an anti-microbial agent.

No. of Pages : 13 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMMUNICATIONS SYSTEMS COMMUNICATIONS DEVICE INFRASTRUCTURE EQUIPMENT 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 	:H04W72/04 :1016986.0 :08/10/2010 :U.K. :PCT/GB2011/051775 :21/09/2011 :WO 2012/046016 :NA :NA	 (71)Name of Applicant : 1)SCA IPLA HOLDINGS INC. Address of Applicant :550 Madison Avenue New York 10022 U.S.A. (72)Name of Inventor : 1)BEALE Martin Warwick
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A communications system comprising a mobile radio network the mobile radio network including a plurality of base stations arranged to communicate data to and from mobile communications devices via a wireless access interface. The mobile radio network is adapted to include a message processor and a message store the message store being arranged to store an indication of each of one or more message exchanges in a set of predetermined message exchanges between the base stations and one or more of the communications devices each message exchange comprising a predetermined set of predetermined messages and requiring predetermined up link and/or down link communications resource for communicating the message exchange on the up link and/or down link between a base station and the communications device. The message processor is arranged in operation to generate using the indication of the message exchanges stored in the message store a conversation allocation message for communication to the mobile communications device the conversation allocation message providing an indication to the mobile communications device of an allocation of communications resource on the down link and/or the up link for communicating the one or more messages of the message exchange and to communicate the conversation allocation message to the mobile communications device and in response to the conversation allocation message the communications device and a base station to which the communications device is attached are arranged to communicate the messages of the message exchange using the resources allocated by the conversation allocation message. As a result resources for a set of messages according to a predetermined message exchange can be allocated in a single conversation allocation message rather than communicating an allocation message for each message of the message exchange which is required for conventional mobile radio networks. Furthermore there is a proportionate reduction in an amount of traffic communicated on a control channel such as the PDCCH for LTE.

No. of Pages : 34 No. of Claims : 23

(21) Application No.3447/DELNP/2013 A

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W4/08	(71)Name of Applicant :
(31) Priority Document No	:1017977.8	1)SCA IPLA HOLDINGS INC.
(32) Priority Date	:25/10/2010	Address of Applicant :550 Madison Avenue New York NY
(33) Name of priority country	:U.K.	10022 U.S.A.
(86) International Application No	:PCT/GB2011/051844	(72)Name of Inventor :
Filing Date	:29/09/2011	1)ZAKRZEWSKI Robert
(87) International Publication No	:WO 2012/056208	
(61) Patent of Addition to Application	٠NA	
Number	.INA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COMMUNICATIONS SYSTEMS AND METHOD

(57) Abstract :

(19) INDIA

A communications system comprises a mobile radio network which includes a plurality of base stations which are arranged to communicate data to and from mobile communications devices via a wireless access interface. The system also includes a plurality of associated communications devices each of the associated communications devices being capable of transmitting and receiving data from one or more of the base stations. Each of the associated communications devices of the group includes the same common identifier with respect to which communication sessions can be established to communicate data via the mobile radio network from any of the associated communications devices. The group of communications devices may be for communicating machine type communications (MTC) for a particular application such as for example being disposed in a vehicle such as a car in order to report certain parameters. Each of these parameters may be served by a separate communications device which reports periodically on the parameters which are detected by an associated sensor. As such because of the spatial proximity of each of the communications devices are disposed. Accordingly there is a saving in communications be andwidth which is proportional to the number of the devices in the group.

No. of Pages : 42 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIRELESS COMMUNICATIONS SYSTEM AND WIRELESS COMMUNICATIONS 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 	:H04W16/28,H04B7/04,H04J11/00 :2010256077 :16/11/2010 :Japan :PCT/JP2011/076252 :15/11/2011 :WO 2012/067093 :NA :NA	 (71)Name of Applicant : NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan (72)Name of Inventor : Nume of Inventor :
(62) Divisional to Application Number Filing Date	:NA :NA	8)MIZOGUCHI Masato

(57) Abstract :

Communication quality is prevented from being deteriorated due to interference caused by low accuracy of channel information or interference from another base station 5 or another wireless communication system. A wireless communication system includes a first wireless station including a plurality of antenna elements, transmission units corresponding to the plurality of antenna elements, and a transmission directivity control unit that controls transmission directivity of the plurality of antenna elements, and a plurality of second wireless stations each including a reception power measurement unit 10 that measures a reception power. The transmission directivity control unit determines the transmission directivity of each of the plurality of antenna elements so that a signal does not reach a particular second wireless station among the plurality of second wireless stations. The transmission units generate wireless signals using the transmission I directivity. The plurality of antenna elements transmit the generated wireless signals. 15 The reception power measurement unit measures the reception power in a period that is set so that a signal does not reach the particular second wireless station, and detect the presence or absence of interference.

No. of Pages : 105 No. of Claims : 16

(21) Application No.2703/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMMUNICATION DEVICE COMMUNICATION CONTROL METHOD AND 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 	:H04W40/00,H04W4/04 :2010225078 :04/10/2010 :Japan :PCT/JP2011/068288 :10/08/2011 :WO 2012/046503 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)KIMURA Ryota
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(57) Abstract :

Provided is a communication device within a communication network including a plurality of communication nodes, including: a reception unit that receives a data packet transmitted from a terminal device or transmitted to the 5 terminal device; a communication control unit that selects a forwarding destination node of the data packet from a plurality of forwarding destination node candidates when the terminal device is a machine-type communication (MTC) terminal; and a transmission unit that transmits the data packet to the forwarding destination node selected by the communication control unit.

No. of Pages : 82 No. of Claims : 13

(19) INDIA(22) Date of filing of Application :17/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD TERMINAL AND SERVER FOR ADDING USER ASSOCIATION RELATIONSHIP

 (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 	:H04W4/02,H04W4/12,H04W88/02 :201010607174.6 :27/12/2010 :China :PCT/CN2011/080100 :23/09/2011 :WO 2012/088933 :NA	 (71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant :4/F. East 2 Block. SEG Park. Zhenxing Rd. Futian District Shenzhen Guangdong 518044 China (72)Name of Inventor : 1)HU Haibin 2)YANG Rongde 3)ZHENG Linzhou 4)LIU Dan 5)LI Xungeng
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a method a terminal and a server for adding user association relationship. The method comprises: a server respectively receiving from clients running on a first mobile terminal and a second terminal current environment information and current user information acquired by the first mobile terminal and the second terminal wherein the current environment information comprises geographic location information where the terminal currently locates and current time information and the current user information of a user account currently logged in by the client running in the terminal; the server determining whether the current environment information of the first mobile terminal and the second terminal conforms to a set user association standard and if yes the server adding the association relationship of user accounts of the first mobile terminal and the second terminal and the second terminal. The present invention is capable of adding the user association relationship in terminals on the basis of geographic locations of both parties.

No. of Pages : 24 No. of Claims : 12

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFRASTRUCTURE EQUIPMENT AND METHOD FOR DETERMINING A CONGESTION STATE

(51) Internationalclassification(31) Priority Document No(32) Priority Date(32) Numera forminity	:H04W28/02,H04W28/10,H04W28/24 :1018851.4 :08/11/2010	 (71)Name of Applicant : 1)SCA IPLA HOLDINGS INC. Address of Applicant :550 Madison Avenue New York 10022 U.S.A. (72)News of Learning
country	:U.K.	1)ZAKRZEWSKI Robert
(86) International Application No Filing Date	:PCT/GB2011/052089 :27/10/2011	
(87) International Publication No	:WO 2012/063037	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

An infrastructure equipment is for forming part of a mobile communications network. The mobile communications network is arranged to communicate data to and/or from mobile communications devices. The infrastructure equipment is arranged in operation to receive an indication of one or more communications bearers provided by the mobile communications network on request to the mobile communications devices in accordance with a relative type of data packets communicated via the communications bearers for supporting communications sessions the indications of the type of the data packets being used to configure the communications bearers of each of the type of the communications bearers for a plurality of pre determined types provided to the mobile communications devices within the mobile communications bearers for each of the plurality of pre determined types. By for example counting the number of each of the state of the mobile communications network for example by comparing the number of each of the count of each of the state of the mobile communications network for example by comparing the number of each of the count of each of the types of communications bearers exceeds the corresponding predetermined thresholds. As such for example if one or more of the count of each of the types of communications bearers exceeds the corresponding threshold then the mobile communications network can be determined to be in a congested state. The mobile communications network can then control the communications of data packets via the communications bearers to reduce the congestion.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION	(21) Application No.2003/DEL/2012 A
(19) INDIA	
(22) Date of filing of Application :28/06/2012	(43) Publication Date : 05/12/2014
(54) Title of the invention : MOCHARGE	
(51) International classification:A47J(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAState<	 (71)Name of Applicant : 1)M/S OPTIEMUS INFRACOM LIMITED (MOLIFE DIVISION) Address of Applicant :K-20, 2ND FLOOR, LAJPAT NAGAR-II, NEW DELHI-110024 Delhi India (72)Name of Inventor : 1)NITESH GUPTA

(57) Abstract :

The invention provides a method and system for power and data bank. The device can be charged through a computer or USB output charger. While charging the MOCHARGE it can also be used as a memory storage or while working on the memory (when connected to the computer), the MOCHARGE also get charged. Whenever it is required to charge any device on the move having the USB charging input, the MOCHARGE can be connected to the device to charge and this MOCHARGE will supply the USB output to the device in need of charging. Simply it is used as memory device as well as emergency charger, which can charge the other device from the internal charged batteries.

No. of Pages : 10 No. of Claims : 3

(21) Application No.3449/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W8/26,H04L29/12	(71)Name of Applicant :
(31) Priority Document No	:1017981.0	1)SCA IPLA HOLDINGS INC.
(32) Priority Date	:25/10/2010	Address of Applicant :550 Madison Avenue New York NY
(33) Name of priority country	:U.K.	10022 U.S.A.
(86) International Application No	:PCT/GB2011/051870	(72)Name of Inventor :
Filing Date	:03/10/2011	1)ZAKRZEWSKI Robert
(87) International Publication No	:WO 2012/056210	
(61) Patent of Addition to Application	·NA	
Number	.IN/A	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INFRASTRUCTURE EQUIPMENT AND METHOD

(57) Abstract :

An infrastructure equipment for forming part of a mobile radio network includes a transmit and receive unit which is arranged in operation to transmit and receive data to and from mobile communications devices via a wireless access interface and a controller for processing requests for communications resources from the mobile communications devices. A plurality of associated communications devices are arranged to form a group and each of the associated communications devices of the group includes the same common identifier with respect to which communications sessions can be established to communicate data via the mobile radio network and the controller is arranged in combination with the transmit and receive unit to respond to a request from one of the communications devices of the group to establish a communications bearer using the common identifier. The group of communications devices may be for communicating machine type communications (MTC) for a particular application such as for example being disposed in a vehicle such as a car in order to report certain parameters. As such because of the spatial proximity of each of the communications devices are disposed. Accordingly there is a saving in communications bandwidth which is proportional to the number of the devices in the group.

No. of Pages : 41 No. of Claims : 19

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM METHOD AND COMPUTER READABLE MEDIUM FOR DISTRIBUTING TARGETED DATA USING ANONYMOUS PROFILES

 (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 	:G06Q30/00 :61/388261 :30/09/2010 :U.S.A. :PCT/IB2011/002626 :30/09/2011 :WO 2012/042382 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ANNONA CORP. SA Address of Applicant :63 65 rue de Merl L 2146 Luxembourg Luxembourg (72)Name of Inventor : 1)MOREAU Stphane 2)BAUMELOU Luc
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(57) Abstract :

Aspects of the invention may involve systems methods and computer readable medium. In an embodiment of the invention a computer implemented method for targeting messages and advertisements may be provided. The method may include receiving user identification data from a user; retrieving user information based on the user identification data; filtering the user information to create an anonymous profile; ranking messages in a message database using best matching criteria from the anonymous profile to create a ranked list of messages; selecting by the computer a targeted message from the ranked list of messages; and transmitting by the computer the targeted message to the user.

No. of Pages : 31 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NETWORK MANAGEMENT		
 (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 	:H04W24/02 :NA :NA :NA :PCT/EP2010/067322 :11/11/2010 :WO 2012/062373 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)SUERBAUM Clemens

(57) Abstract :

A method of managing the operation of a network element in a communications system the method comprising: receiving performance indicators by an optimising function; combining together the performance indicators to produce an achievement indicator comprising weighted components of the performance indicators; using the achievement indicator to determine an optimum setting of at least one parameter value related to operation of the network element; applying the parameter value to the network element.

No. of Pages : 48 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.1784/DEL/2012 A
(12) Date of filing of Application :11/06/2012		(43) Publication Date : 05/12/2014
(54) Title of the invention : UV MUTAGENESIS FOLL QUALITY AND QUANTITY OF CURD PRODUCTIO	OWED BY	Y NUCLEOTIDE EXCISSION REPAIR IN DARK, INCREASES
(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUPTA APOORV
(87) International Publication No	: NA	2)LAHIRI SITANSHU SEKHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Filing Date

The present invention relates to improved curd production by UV mutagenesis of Streptococcus thermophilus and Lactobacillus bulgaricus strains followed by nucleotide excision repair in dark. The mutated strains show preference of fructose utilization over glucose or galactose utilization, resulting in more lactic acid fermentation. The mutated followed by dark repaired cultures of the two strains of bacteria produce increased quantity of curd of better texture which solidified into a more compact form.

:NA

:NA

No. of Pages : 9 No. of Claims : 6

(62) Divisional to Application Number

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POSITION MEASUREMENT SYSTEM POSITION INFORMATION PROVISION DEVICE POSITION INFORMATION ADMINISTRATION DEVICE AND POSITION MEASUREMENT 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 	:H04W4/02,G01S5/02,G01S19/05 :2011099996 :27/04/2011 :Japan :PCT/JP2012/060372 :17/04/2012 :WO 2012/147567	 (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)SUZUKI Takashi 2)AOKI Tomoharu 3)KIKKAWA Miho
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

A n objective o the present invention i s t o more efficiently carry out position measurement assistance with respect t o a communication terminal with which a plurality o f communication networks may b e used. A n SUPL server o f a position measurement system determines from information which identifies a connection destination of a communication terminal, o f which the SUPL server i s notified from the communication terminal, which o f two communication net works the communication terminal i s connected to. The SUPL server notifies a position information administration device o f the information. A s a result, in the position information administration for use in position measurement o f a communication terminal t o a communication network t o which the communication terminal i s not connected i s alleviated, and it i s possible t o more efficiently carry out position measurement assistance with respect t o a communication terminal with which a plurality o f communication networks may b e used.

No. of Pages : 55 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :06/08/2012

(54) Title of the invention : A METHOD FOR ENHANCING SEED GERMINATION PERCENTAGE IN PLANTS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MALA TRIVEDI
(87) International Publication No	: NA	2)SURESH K. YADAV
(61) Patent of Addition to Application Number	:NA	3)SHIV SHANKAR
Filing Date	:NA	4)RAJNISH KUMAR
(62) Divisional to Application Number	:NA	5)ANJU SHARMA
Filing Date	:NA	6)R.K. TIWARI

(57) Abstract :

The present invention relates to a simple and efficient method of increasing seed germination percentage in Asparagus by giving heat treatment at specific temperature. This treatment to the Asparagus enhances not only early germination but also percent of seeds germination.

No. of Pages : 8 No. of Claims : 4

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : UE TIMING ADJUSTMENT IN A MULTI RAT CARRIER AGGREGATION 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 	:H04W56/00,H04W16/24 :61/412960 :12/11/2010 :U.S.A. :PCT/SE2011/051300 :01/11/2011 :WO 2012/064255 :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)HU Rong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A common uplink timing adjustment parameter value is estimated for UE transmissions in the multi RAT communications network and provided for transmission to one or more UEs (120). That signaling parameter value is common to both the first and second RATs and useable by the one or more UEs to adjust transmit timing of uplink carriers belonging to the different RATs. The common timing adjustment parameter value may be provided for example in order to coordinate UE transmit timing of a first uplink carrier associated with the first RAT and of a second uplink carrier associated with the second RAT. A multi RAT UE concurrently receives a first downlink carrier associated with the first RAT and a second different downlink carrier associated with the second RAT. The UE receives the common timing adjustment parameter value on one of those downlink carriers and adjusts a transmit timing of a first uplink carrier associated with the first RAT and of a second uplink carrier associated with the second RAT.

No. of Pages : 34 No. of Claims : 31

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DRY PROCESSING FABRICATION OF BINARY MASKS WITH ARBITRARY SHAPES FOR ULTRA-VIOLET LASER MICROMACHINING

 (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 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR Address of Applicant :Kanpur Uttar Pradesh 208016 India (72)Name of Inventor : 1)GOVIND DAYAL SINGH 2)SUBRAMANIAM ANANTHA RAMAKRISHNA 3)JANAKARAJAN RAMKUMAR
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(57) Abstract :

A system and method for producing binary dry process laser microfabrication masks is disclosed. A laser is focused on a first mask to produce a mask image the mask image thereafter being reduced by demagnification optics to provide a reduced image. A polymer target is exposed to the reduced image to create features of reduced size from the original mask. The polymer target is subsequently metalized on at least one side to produce a binary mask capable of withstanding laser radiation power necessary for direct target micromachining. A binary mask may be used to create other binary masks in an iterative process to provide binary masks with successively smaller features based on the image reduction due to the demagnification optics.

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

(22) Date of filing of Application :31/07/2012

(54) Title of the invention : A METHOD FOR FABRICATION OF SEGMENTED MANDREL AND APPLICATION THEREOF

		(71)Name of Applicant :
		1)DIRECTOR GENERAL, DEFENCE RESEARCH &
		DEVELOPMENT ORGANISATION
(51) International classification	:B62H	Address of Applicant :MINISTRY OF DEFENCE,
(31) Priority Document No	:NA	GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO
(32) Priority Date	:NA	BHAVAN, RAJAJI MARG, NEW DELHI-110011 INDIA. Delhi
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BIKASH BHATTACHARYA
(87) International Publication No	: NA	2)PRAVEEN PRAKASH SINGH
(61) Patent of Addition to Application Number	:NA	3)NELLUTLA PANDARINATH RAO
Filing Date	:NA	4)MEHILAL
(62) Divisional to Application Number	:NA	5)MUKESH JAIN
Filing Date	:NA	6)SUNIL JAIN
		7)BIPIN KUMAR BIHARI
		8)ABHISHEK DIXIT
		9)DEEP PRAKASH SRIVASTAVA

(57) Abstract :

The present invention relates to a method/technique to fabricate segmented mandrel suitable for composite propellant and the compositions/formulations containing energetic ingredients. The present invention describes a method to achieve desired shaped of groove in the middle portion of the mandrel and provides specific thrust time curve for large size case bonded rocket motors.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (38) International Publication No (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publicat	 (71)Name of Applicant : 1)DEUTSCHE POST AG Address of Applicant :Charles de Gaulle Strae 20 53113 Bonn Germany (72)Name of Inventor : 1)PAUL Boris 2)WILD Verena 3)ULRICH Keith 4)HBNER Frank
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(54) Title of the invention : DYNAMIC ROUTE PLANNING

(57) Abstract :

The invention relates to a system for route planning for transport vehicles (3) and for loading the transport vehicles (3) with objects (2) to be transported, and to a corresponding method for operating the system (1), which permits a dynamic route planning for taking into account unplanned objects (2) in existing logistics sequences. The system (1) comprises a test station for verifying whether a first route plan (Tl) exists for the objects (2) in question and which in the event of a non-existent first route plan (Tl) emits a corresponding error signal (FS), and a recognition station (7), which on the basis of the error signal (FS) updates the transmission data (2 In) for the relevant object (2) by means of suitable detection means (71) and transmits same to a computer system (4). The computer system (4) is provided to allocate the object (2) with updated transmission data (2In) to a suitable transport vehicle (3) as said object is being conveyed by a conveying means (5) to the transport vehicles (3), and to change the first route plan (Tl) for said transport vehicle (3) into a second route plan (T2) corresponding to the transmitted new transmission data (2In), wherein the second route plan (T2) takes into account the object (2) with updated transmission data (2In).

No. of Pages : 29 No. of Claims : 15

(21) Application No.4658/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 05/12/2014

111111111111111111111111111111111111	 (71)Name of Applicant : 1)PLATEK Nir Address of Applicant :7 15 12 Nanpeidai cho Shibuya ku Tokyo Tokyo 150 0036 Japan (72)Name of Inventor : 1)PLATEK Nir
 (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number NA 	1)PLATEK Nir

(54) Title of the invention : MULTI LANGUAGE MULTI PLATFORM E COMMERCE MANAGEMENT SYSTEM

(57) Abstract :

A computerized system for sale of products having non pre catalogued parameters in a multi lingual environment wherein a buyer and a seller communicate in different languages the system including a non pre catalogued parameter database a listing engine operative to prompt in a first language a listing seller to enter multiple non pre catalogued parameters relating to a product being listed and to store the non pre catalogued parameters in the non pre catalogued parameter database and a non pre catalogued multiple language parameter description engine which is operative to provide human readable descriptions of the non pre catalogued parameters in at least one language other than the first language.

No. of Pages : 32 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WALL CLIMBING ROBOT			
(51) International classification	:G06Q	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &	
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION	
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence Govt. of India	
(86) International Application No	:NA	Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi	
Filing Date	:NA	110 105 India	
(87) International Publication No	: NA	(72)Name of Inventor :	
(61) Patent of Addition to Application Number	:NA	1)KRISHNAMURTHY RAMESH	
Filing Date	:NA	2)POTHULA MURALI KRISHNA	
(62) Divisional to Application Number	:NA	3)ARUN PRAKASH RAO	
Filing Date	:NA		

(57) Abstract :

The present disclosure relates to a robotic system. In particular, the present disclosure relates to an impeller-based wall climbing robot with track-based locomotion, capable of handling the transition between horizontal and vertical surfaces, and climbing the vertical surface. The mobile robot also comprises an image capturing unit mounted on an articulated arm of the robotic system for looking around the edges of the walls or windows without revealing itself.

No. of Pages : 15 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W72/08	(71)Name of Applicant :
(31) Priority Document No	:61/389865	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:05/10/2010	Address of Applicant : Karaportti 3 FI 02610 Espoo Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/067373	1)PEDERSEN Klaus Ingemann
Filing Date	:05/10/2011	2)LUNTTILA Timo Erkki
(87) International Publication No	:WO 2012/045770	
(61) Patent of Addition to Application	٠NIA	
Number	.1 VZ X	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CHANNEL STATE INFORMATION MEASUREMENT AND REPORTING

(57) Abstract :

A rule specifies a timing relation between a measurement configuration which indicates at least one subframe to measure and a reporting configuration which indicates at least one subframe in which to report. This rule is used by both user equipment UE and network to map between a downlink subframe in which channel state information is measured and an uplink subframe in which the channel state information is reported. The network may configure the UE with the measurement and reporting configurations via dedicated signaling or broadcast. If the measurement configuration is periodic and indicates multiple downlink subframes to measure the rule results in a one to one mapping of downlink to uplink subframe where less than all of the multiple downlink subframes map to an uplink subframe; if aperiodic the rule indicates a single downlink subframe to measure.

No. of Pages : 27 No. of Claims : 21

(21) Application No.2402/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INTER FREQUENCY MEASUREMENTS FOR OBSERVED TIME DIFFERENCE OF ARRIVAL

 (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,H04W64/00 :61/404342 :01/10/2010 :U.S.A. :PCT/EP2011/067207 :03/10/2011 :WO 2012/042056 :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)RANTA AHO Karri Markus 2)THYAGARAJAN Manivannan
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(57) Abstract :

Method system and computer program to perform mobile node measurements. In a method there are steps of receiving from a location server at a mobile user node a request to perform inter frequency reference signal time difference measurements; receiving from a serving access node a measurement gap configuration; performing the requested inter frequency reference signal time difference measurements during the assigned measurement gaps; and reporting the results of the inter frequency reference signal time difference measurements to the location server.

No. of Pages : 37 No. of Claims : 26

(21) Application No.3802/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROTECTION OF PRIVACY IN CONNECTION WITH SHIPMENT OF PRODUCTS

 (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 	:G06Q20/00 :201010587160.2 :07/12/2010 :China :PCT/US2011/061780 :22/11/2011 :WO 2012/078354 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor : 1)SHAKES Jonathan J.
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(57) Abstract :

Disclosed are various embodiments for enhancing protecting privacy of purchaser contact details in connection with shipment of parcels. A shipping label can be generated that includes at least one contact detail that hides an actual contact detail associated with a purchaser. A carrier tasked to ship and/or deliver the product to an address designated by the purchaser can use the at least one contact detail to contact the purchaser. The attempts to contact the purchaser can be logged and the contact details expired when no longer needed.

No. of Pages : 42 No. of Claims : 24

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMMUNICATION SYSTEM AND COMMUNICATION 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 	:H04W88/16,H04W4/04,H04W52/02 :2010271868 :06/12/2010 :Japan :PCT/JP2011/068622 :17/08/2011 :WO 2012/077385	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)TAKANO Hiroaki
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

To provide a communication system and communication device. [Solution] The communication system is provided with a base station a communication device and a gateway device that has: a first communication unit that communicates via a first communication method with the base station; a second communication unit that communicates via a second communication method with the communication device; an ID information retaining unit that retains the corresponding relationship between second ID information in the second communication method and first ID information in the first communication method of the communication device; and a category information retaining unit that is for sharing category information indicating the characteristics of the communication device with the communication device. The first communication unit performs communication with the base station relating to the communication device in accordance with the category information using the first ID information of the communication device.

No. of Pages : 58 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : E-GLASS-EPOXY MATERIAL YOKE HARNESS. (51) International classification :C08F (71)Name of Applicant : (31) Priority Document No **1)AMITY UNIVERSITY** :NA (32) Priority Date Address of Applicant : AMITY UNIVERSITY CAMPUS, :NA (33) Name of priority country :NA SECTOR-125, NOIDA-201303, UP, INDIA (86) International Application No (72)Name of Inventor : :NA 1)R.K. TYAGI Filing Date :NA (87) International Publication No : NA 2)R.S. PANDEY (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 yoke harness constructed from E- glass epoxy materials with reverse T section that provides maximum contact area between neck of the animals and the yoke harness. The weight of yoke harness is reduced up to 2kg, due to which the respiration/fatigue rate of animals is reduced. The yoke harness fits well to the neck of the animal so it does not cause rubbing, chaffing or wounds on the skin of animals caused by excessive movement or friction.

No. of Pages : 9 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTI LAYER BEAMFORMING WITH PARTIAL CHANNEL STATE INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W16/28,H04B7/04 :NA :NA :NA :PCT/CN2010/078954	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)SKOV Peter
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:22/11/2010 :WO 2012/068716 :NA	2)WANG Lilei
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of determining precoding information for beamforming between a sender and a receiver the method comprises determining a first precoding vector of a first signal layer based on partial channel state information of a channel between the sender and the receiver. The method also comprises determining a first guess vector based on long term characteristics of the channel between the sender and the receiver. A grouping of antennas of the sender is defined and a phase shift value for each group of antennas is specified. The method further comprises determining a second precoding vector in the sender of a second signal layer by multiplying each element in the first guess vector with the phase shift value specified for the group of antennas associated with said element in the first guess vector.

No. of Pages : 35 No. of Claims : 23
(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIRELESS SENSOR NETWORK ACCESS POINT AND DEVICE RF SPECTRUM ANALYSIS 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 Filing Date (62) Divisional to Application Number 	:H04W24/00,H04W84/18 :12/955072 :29/11/2010 :U.S.A. :PCT/US2011/062192 :28/11/2011 :WO 2012/074900 :NA :NA :NA	 (71)Name of Applicant : 1)ROSEMOUNT INC. Address of Applicant :8000 Norman Center Drive Suite 1200 Bloomington Minnesota 55437 U.S.A. (72)Name of Inventor : 1)ROTVOLD Eric Daniel 2)ORTH Kelly Michael 3)CARLSON Daniel Clifford 4)CITRANO Joseph III 5)SCHNAARE Theodore Henry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for measuring and analyzing radio frequency power proximate and within a wireless field device mesh network. A centralized software module (CSWM) collects and analyzes values from one or more wireless devices of the wireless field device mesh network representing received RF power measurements on an assigned RF channel and values representing corresponding times of the received RF power measurements. Each wireless device measures received RF power on the assigned RF channel at times other than during reception of a signal resulting in transmission by the wireless device of either an acknowledgment signal or a non acknowledgement signal. Values representing the received RF power measurements and the corresponding times of the received RF power measurements are determined from the stored received RF power measurements and corresponding times and then discarded. These values are stored within the wireless device until successfully reported. A network manager coordinates communication between the wireless devices and synchronizes the corresponding times of received RF power measurement throughout the wireless field device mesh network.

No. of Pages : 42 No. of Claims : 38

(21) Application No.4954/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W40/00	(71)Name of Applicant :
(31) Priority Document No	:61/457014	1)ALLOT COMMUNICATIONS LTD.
(32) Priority Date	:09/12/2010	Address of Applicant :22 Hanagar Street Industrial Zone B
(33) Name of priority country	:U.S.A.	45240 Hod Hasharon Israel
(86) International Application No	:PCT/IB2011/055530	(72)Name of Inventor :
Filing Date	:07/12/2011	1)GOLDNER Alla
(87) International Publication No	:WO 2012/077073	2)SHAHAR Asaf
(61) Patent of Addition to Application	٠NA	
Number	.INA •NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DEVICE SYSTEM AND METHOD OF TRAFFIC DETECTION

(57) Abstract :

The present invention provides a cellular traffic monitoring system which includes: a traffic detection function (TDF) module to monitor cellular traffic associated with a cellular subscriber device and to generate detection output which includes at least one of: a type of an application associated with said cellular traffic of said cellular subscriber device and a type of said cellular traffic of said cellular subscriber device. The further includes a policy charging and enforcement function (PCEF) module to enforce one or more charging rules to said cellular subscriber device based on said detection output.

No. of Pages : 40 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNTHESIS OF SILVER NAOPARTICLES FROM THE BARK OF ASHOKA TREE

(51) International classification :C070	C (71)Name of Applicant :
(31) Priority Document No :NA	1)AMITY UNIVERSITY
(32) Priority Date :NA	Address of Applicant : AMITY UNIVERSITY, CAMPUS,
(33) Name of priority country :NA	SECTOR - 125 NOIDA-201303, UP INDIA
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)SEEMA GARG
(87) International Publication No :NA	2)AMRISH CHANDRA
(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 to the method for the synthesis of metal nanoparticles from the extract of Ashoka bark, tree (Saraca asoka/ Saraca indica) which is very economical, eco-friendly and an efficient alternative for the large-scale synthesis of nanoparticles. The biologically synthesized silver nanoparticles possess an excellent biocompatibility and low toxicity. The metal nanoparticles synthesized biologically using herbal plant extracts can be used in various medicines and also in various herbal formulations.

No. of Pages : 13 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :31/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : GENETICALLY ENGINEERED E. COLI EXPRESSING XYLANASE ENZYME

(51) International classification ·C12N	(71)Name of Applicant :
(31) Priority Document No :NA	1)AMITY UNIVERSITY
(32) Priority Date :NA	Address of Applicant : AMITY UNIVERSITY RAJASTHAN,
(33) Name of priority country :NA	KANT KALWAR, NH-11C, JAIPUR-DELHI NATIONAL
(86) International Application No :NA	HIGHWAY, JAIPUR-303002, RAJASTHAN, INDIA
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)GIRISH KUMAR GOSWAMI
(61) Patent of Addition to Application Number :NA	2)AMRENDRA NATH PATHAK
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

This invention relates to an improved xylanase production by recombinant E. coli cells. Xylanase gene was isolated from Bacillus brevis, inserted into pET29a vector and expressed successfully in E. coli DH5a. The xylanase expression by transformed E. coli is found much better than the native Bacillus brevis strain and the xylanase enzyme is secreted directly into the medium. This improved production will reduce the cost of enzyme production at the commercial level.

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

(22) Date of filing of Application :31/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNTHESIS OF A NOVEL ANALOGUE OF SORAFENIB FOR THE TREATMENT OF HEPATOCELLULAR CARCINOMA

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DEEPSHIKHA PANDE KATARE
(61) Patent of Addition to Application Number	:NA	2)HARSHA KHARKWAL
Filing Date	:NA	3)KUMUD BALA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a synthetic analogue of sorafenib for the treatment of hepatocellular carcinoma. The analogue is synthesized by adding a carboxymethyl group on the main pharmacopore ring forming a cationic derivative which reduces the toxicity of the Sorafenib drug. The analogue offers a safer and an economical way for treating hepatocellular carcinoma

No. of Pages : 17 No. of Claims : 1

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SOCIAL INFRASTRUCTURE CONTROL SYSTEM SERVER CONTROL DEVICE 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 Filing Date 	:G06Q50/00,G06F9/445,H02J13/00 :2012081090 :30/03/2012 7 :Japan 1 :PCT/JP2013/054160 :20/02/2013 7 :WO 2013/145951 1 :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)MATSUDA Yoshiyuki 2)KOBAYASHI Yoshitaka 3)OCHIAI Makoto 4)SUGIYAMA Motoo
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(57) Abstract :

The social infrastructure control system in an embodiment is provided with a control device a database sensors a collection unit a computation unit a selection unit and a creation unit. The control unit controls community social infrastructure on the basis of software. The database stores a plurality of modules. The sensors detect events related to the social infrastructure and output event information. The collection unit collects event information from the sensors. The computation unit analyzes the collected event information and computes characteristics of the social infrastructure or the community. The selection unit selects a module from the database in accordance with the computed characteristics. The creation unit creates software on the basis of the selected module.

No. of Pages : 93 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHODOLOGY FOR COMPUTER IMPLEMENTED NETWORK OPTIMIZATION

 (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 	:G06Q10/00,G06F17/40 :61/390638 :07/10/2010 :U.S.A. :PCT/US2011/055018 :06/10/2011 :WO 2012/048062 :NA :NA	 (71)Name of Applicant : 1)GOEL Sachin Address of Applicant :8 Olympic Court Walpole MA 02032 U.S.A. (72)Name of Inventor : 1)GOEL Sachin
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to system and methodology for computer implemented network optimization of products offered by network offering entity. It also relates to methodologies and systems to optimize selection and delivery of products offered by network offering entity to network participating entities to ensure higher network gain to at least one of the entities. The network option offering entity dynamically integrates its data with network participating entity requirements and thereby optimizing the value to provide higher network gain.

No. of Pages : 50 No. of Claims : 16

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RECOMMENDER SYSTEM FOR STIMULATING A USER TO RECOMMEND AN ITEM TO A CONTACT OF THE USER

 (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 	:G06Q30/00,G06Q30/02 :10 192 273.0 :23/11/2010 :EPO :PCT/EP2011/070841 :23/11/2011 :WO 2012/069548 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AXEL SPRINGER DIGITAL TV GUIDE GMBH Address of Applicant :Schiffbauerdamm 22 10117 Berlin Germany (72)Name of Inventor : 1)BARBIERI Mauro 2)PRONK Serverius Petrus Paulus 3)KORST Jan
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(57) Abstract :

The present invention is related to a recommender system (100) a computer implemented recommending method a corresponding computer readable medium and a corresponding computer program. A recommender system (100) is configured to send an electronic suggestion signal (186) to a respective user (199) of a user database (140) in dependence of a first like degree (164) of a specific item which has been determined based on items that the respective user has already recommended to his contacts. The electronic suggestion signal (186) suggests the respective user (199) to recommend the specific item to one or more of his contacts (198). In that way personal based recommendations (188) are stimulated.

No. of Pages : 32 No. of Claims : 15

(43) Publication Date : 05/12/2014

(54) Title of the invention : HYBRID CLOUD BROKER

 (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 	:G06Q30/06,G06Q10/10,G06Q40/02 :12/965962 :13/12/2010 :U.S.A. :PCT/US2011/064619 :13/12/2011 :WO 2012/082726 :NA :NA	 (71)Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :801 Lakeview Dr. Suite 100 M/s 2nw Blue Bell PA 19422 U.S.A. (72)Name of Inventor : 1)KOPRI Nandish 2)PALIWAL Jayesh 3)SELVARAJ Nandakumar
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A system and method for managing information technology (IT) infrastructure by automatically adapting hardware and software resources to the dynamic real time business requirements is disclosed. A web enabled software application offers users a number of services in the form of business transactions. A business rule defines the backend hardware and software IT resources required to generate data responsive to a particular type of transaction. The business rule also defines priority information for the particular transaction among other transactions in a queue. The rule is deployed to the IT resources and a monitoring module monitors the use of the IT resources to ensure that it is within the set rules. When the resources are over used or under used an alarm is triggered. In response to the alarm the business rule is automatically altered with a new business rule defining a different allocation of IT resources for the next similar transaction type.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (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 	:H04W48/20 :61/458245 :22/11/2010 :U.S.A. :PCT/EP2011/070586 :21/11/2011 :WO 2012/069425 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ANYFI NETWORKS AB Address of Applicant :Vstergatan 31 B SE 211 21 Malm Sweden (72)Name of Inventor : 1)SMEDMAN Bjrn 2)ALMBLADH Johan
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(54) Title of the invention : AUTOMATIC REMOTE ACCESS TO IEEE 802.11 NETWORKS

(57) Abstract :

There is provided methods devices and computer program products for automatically connecting an IEEE 802.11 terminal to a virtual IEEE 802.11 wireless network and thereby establishing a data connection to a remote data communications network. A terminal sends a service provider request to an access point. The service provider request is forwarded to a master server which searches for an association between the terminal and a service provider and a service provider server for available service providers. Acknowledgement information relating to a service provider server associated with available service providers capable of operatively connecting the terminal to the data communications network via the access point is sent by the master server to the access point. The access point establishes a virtual IEEE 802.11 wireless network based on this. A data connection may be established in the absence of a direct service agreement between the service provider of the terminal and the operator of the access point without requiring a reconfiguration of the terminal.

No. of Pages : 28 No. of Claims : 17

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RECEPTION APPARATUS USED BY BEING COUPLED TO A NECK OF A CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B65D51/28,B65D51/18,B65D41/04 :1020100113615 :15/11/2010 7:Republic of Korea :PCT/KR2011/008735 :15/11/2011	 (71)Name of Applicant : 1)LEE Su jae Address of Applicant :1119 56 Sanggyedong Nowongu Seoul 139 837 Republic of Korea 2)LEE Sun hee 3)LEE Tae keun (72)Name of Inventor :
Filing Date (87) International Publication No	¹ :WO 2012/067418	1)LEE Seong jae
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A reception apparatus to be coupled to container necks having different sizes has a main body in which a reception unit comprising a storage space is formed and a lower side having a threaded portion. Threads fitted to the sizes of the container necks are formed within the thread portion of the reception apparatus. The threads are formed to be capable of being coupled to a plurality of container necks or formed of elastic threads integrally or separately produced.

No. of Pages : 48 No. of Claims : 43

(21) Application No.5393/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C10K1/26,C10K3/02 :2010287618 :24/12/2010 :Japan :PCT/JP2011/077190 :25/11/2011 :WO 2012/086363 :NA :NA	 (71)Name of Applicant : 1)IHI Corporation Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo 1358710 Japan (72)Name of Inventor : 1)ISHII Toru
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD AND DEVICE FOR REFORMING PRODUCED GAS

(57) Abstract :

Provided is a method for reforming produced gas for reforming tar contained in produced gas from a gasifier by contacting quicklime with produced gas (3) from a gasifier (2) inside a reformer (1) so that the quicklime absorbs carbon dioxide in the produced gas to create calcium carbonate and by using the heat of reaction generated thereat causing a tar reforming reaction with calcium as a catalyst. In addition this method supplies the calcium carbonate of the reformer (1) to a modifier regenerator (8) and calcines the calcium carbonate to regenerate quicklime and supplies the quicklime to the reformer (1) again. By the above constitution a method and device for reforming produced gas which facilitates simplification of equipment and operation can be provided.

No. of Pages : 33 No. of Claims : 17

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BASE STATION WIRELESS COMMUNICATION METHOD PROGRAM WIRELESS COMMUNICATION SYSTEM AND WIRELESS TERMINAL

 (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 (62) Divisional to Application Number Filing Date 	:H04W28/06,H04W72/04,H04W88/08 :2010225080 :04/10/2010 :Japan :PCT/JP2011/068367 :11/08/2011 :WO 2012/046505 :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)TAKANO Hiroaki

(57) Abstract :

Provided is a base station including a transmitter section that transmits a radio signal in a frame including a control region and a data region, a control signal 5 generating section that generates a control signal which includes reference information identified by a group identifier assigned t6 a plurality of radio terminals and which is transmitted in the control region, and a data signal generating section that generates a data signal by disposing information for the plurality of radio terminals in a reference region indicated by the reference information in the data 10 region.

No. of Pages : 62 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

 (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 	:H04W4/02 :2010905351 :06/12/2010 :Australia :PCT/AU2011/001582 :06/12/2011 :WO 2012/075528 :NA	 (71)Name of Applicant : 1)LAI Jiun Chang Address of Applicant :12 Justin Place Quakers Hill NSW 2763 Australia 2)LAI Yun Chian (72)Name of Inventor : 1)LAI Jiun Chang 2)LAI Yun Chian
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2012/075528 :NA :NA	1)LAI Jiun Chang 2)LAI Yun Chian
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MOBILE SERVICE ORDERING SYSTEM

(57) Abstract :

Disclosed is a method for establishing an agreement for provision of a service in a system comprising a server (106) mobile customer terminals (115) and mobile supplier terminals (107) communicating over a mobile network (121) the method comprising the steps of (a) receiving (404) from a mobile customer terminal a request for provision of the service (b) storing on the server said request (c) receiving (504) from a supplier terminal a request to specify customer terminals that have requested provision of the service (d) communicating (505) by the server locations of active terminals to the mobile supplier terminal (e) selecting (507) by the mobile supplier terminal one of the active terminals (f) establishing (508) a communication connection between the mobile supplier terminal and the selected active terminal and (g) directing (509) the server to delete the stored location and request of the selected active terminal.

No. of Pages : 68 No. of Claims : 12

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PLANT PROTEIN HYDROLYSATES (51) International classification :A23J3/34,A23J1/14,A23L1/305 (71)Name of Applicant : (31) Priority Document No 1)NESTEC S.A. :10196255.3 (32) Priority Date Address of Applicant : Av. Nestl 55 LYNCH Gregory CH :21/12/2010 (33) Name of priority country 1800 Vevey Switzerland :EPO (72)Name of Inventor : (86) International Application No:PCT/EP2011/073635 **1)BERENDS Pieter** Filing Date :21/12/2011 (87) International Publication No :WO 2012/085114 2)RABE Swen (61) Patent of Addition to **3)FISCHER Lutz** :NA Application Number 4)BERGER Ralf G¹/4nter :NA Filing Date **5)LINKE Diana** (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A membrane reactor for the manufacture of plant protein hydrolysates the membrane reactor comprising a substrate vessel adapted to provide a plant protein substrate to an enzyme source a continuously stirred reactor comprising the enzyme source and an ultrafiltration module comprising a membrane with a molecular cut off wherein the membrane is adapted to allow passage of the plant protein hydrolysate while retaining the enzyme.

No. of Pages : 25 No. of Claims : 16

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : QUANTITATION OF LACTOFERRIN IN INFANT FORMULAS BY ELECTROPHORESIS USING IR FLUORESCENCE IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (86) International Publication No (87) International Publication No (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number SNA Filing Date (52) Divisional to Application Number SNA Filing Date 	01N31/00 (71)N /421278 1)V /12/2010 A S.A. Jerse CT/IB2011/055470 (72)N /12/2011 1)Y O 2012/077040 2)C A 4)E A 4)E	Name of Applicant : WYETH LLC Address of Applicant :Five Giralda Farms Madison New ey 07940 U.S.A. Name of Inventor : YI Cuiyi GAO Ming FENG Ping BURGHER Anita
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(57) Abstract :

A method of quantitatively measuring the total lactoferrin content of an infant formula using electrophoresis and infrared fluorescence detection.

No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A23L1/0524 :10196657.0 :22/12/2010 :EPO :PCT/EP2011/073267	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 LYNCH Gregory CH 1800 Vevey Switzerland (72)Name of Inventor :
Filing Date (87) International Publication No	:19/12/2011 :WO 2012/084843	1)LAGARRIGUE Sophie 2)TOLEA Andreea
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : GEL COMPOSITION COMPRISING LOW METHOXY PECTIN

(57) Abstract :

A composition in the form of a gel for preparing a food product the composition comprising water flavourings salt and gelling agents where the gelling agents comprise at least pectin.

No. of Pages : 14 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:E04H6/22,E04H6/18 :10 2011 000 115.8 :13/01/2011 :Germany :PCT/EP2012/050291	 (71)Name of Applicant : 1)OTTO W-HR GMBH Address of Applicant :Mirander Strasse 44 70825 Korntal M¼nchingen Germany (72)Name of Inventor :
Filing Date	:10/01/2012	1)FARID Gholamreza
(87) International Publication No	:WO 2012/095409	2)NICKEL Bernd
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PARKING FACILITY

(57) Abstract :

The invention relates to an automatic parking facility (10; 110; 130) for motor vehicles (30) said parking facility being constructed from grids and comprising at least two storage grids (20 24 28) and at least two transporting grids (22 26) wherein motor vehicles (30) can be moved in a first direction of motion in each of the transporting grids (22 26) by means of a transporting device (40 42; 132) and storage grid storage places (32) for storing motor vehicles (30) positioned on storage devices (60; 142) are present in the storage grids (20 24 28) the storage devices (60; 142) being associated with the storage grid storage places (32) and wherein the storage devices (60; 142) can be moved from the respective storage grid storage places (32) into at least one transporting grid (22 26) in a second direction of motion perpendicular to the first direction of motion and vice versa in that motor vehicles (30) can be transferred from the respective transporting device (40 42; 32) to the respective storage device (60; 142) and vice versa by means of mutual passing. In order to develop such a parking facility in such a way that a large number of motor vehicles can be stored the number of storage devices (60; 142) is greater than the number of storage grid storage places (32) and the excess storage devices (60; 142) are associated with transporting grid storage places (34) present in the transporting grids (22 26).

No. of Pages : 50 No. of Claims : 26

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISCONTINUOUS RECEPTION METHOD MOBILE STATION BASE STATION AND 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 	:H04W72/04 :201010506073.X :30/09/2010 :China :PCT/CN2011/075507 :09/06/2011 :WO 2012/041075 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 108 0075 Japan (72)Name of Inventor : 1)WEI Yuxin
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(57) Abstract :

A discontinuous reception method, mobile station, base station and wireless communication system are provided in the present invention. The discontinuous reception method in the wireless 5 communication system includes the following steps: in case of a continuous carrier aggregation, setting a common On Duration timer and/or a common Discontinuous Reception inactivity timer for a primary cell and each secondary cell; and in case of a discontinuous carrier aggregation, setting an independent On Duration timers and/or an independent Discontinuous Reception inactivity timers for the primary cell and each secondary cells. The present invention realizes discontinuous 10 reception of the carrier aggregation, thus saving power consumption of the mobile station.

No. of Pages : 35 No. of Claims : 44

(21) Application No.3451/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W8/26,H04L29/12	(71)Name of Applicant :
(31) Priority Document No	:1017979.4	1)SCA IPLA HOLDINGS INC.
(32) Priority Date	:25/10/2010	Address of Applicant :550 Madison Avenue New York NY
(33) Name of priority country	:U.K.	10022 U.S.A.
(86) International Application No	:PCT/GB2011/051869	(72)Name of Inventor :
Filing Date	:03/10/2011	1)ZAKRZEWSKI Robert
(87) International Publication No	:WO 2012/056209	
(61) Patent of Addition to Application	٠NA	
Number	.1NZX	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COMMUNICATIONS DEVICE AND METHOD

(57) Abstract :

A communications device communicates data via a mobile radio network. The communications device comprises a transmitter and receiver unit for communicating data to and/or from a mobile radio network via a wireless access interface and a module for storing information which identifies the communications device to the mobile radio network wherein the information stored in the module includes the same common identifier as that provided to each of an associated group of communications devices the common identifier being used to establish a communications sessions which communications sessions can be used to communicate data to or from any of the associated communication such as for example being disposed in a vehicle such as a car in order to report certain parameters. As such because of the spatial proximity of each of the communications devices each is able to receive control plane signalling data and accordingly the communication of the signalling data is as if broadcast to a local environment in which the group of communications devices are disposed. Accordingly there is a saving in communications bandwidth which is proportional to the number of the devices in the group.

No. of Pages : 42 No. of Claims : 26

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PRODUCTION OF STYRENE FROM ETHYLBENZENE USING AZEOTROPIC VAPORIZATION AND LOW OVERALL WATER TO ETHYLBENZENE RATIOS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C5/32,C07C7/06,C07C15/46 :12/966258 :13/12/2010 :U.S.A. :PCT/US2011/060974 :16/11/2011	 (71)Name of Applicant : 1)LUMMUS TECHNOLOGY INC. Address of Applicant :1515 Broad Street Bloomfield NJ 07003 3096 U.S.A. (72)Name of Inventor : 1)GAMI Ajaykumar Chandravadan 2)RAM Sanjeev
(87) International Publication No	:WO 2012/082292	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for dehydrogenation of alkylaromatic hydrocarbon including: contacting a reactant vapor stream comprising an alkylaromatic hydrocarbon and steam and having a first steam to alkylaromatic hydrocarbon ratio with a dehydrogenation catalyst to form a vapor phase effluent comprising a product hydrocarbon the steam and unreacted alkylaromatic hydrocarbon; feeding at least a portion of the effluent to a splitter to separate the product hydrocarbon from the unreacted alkylaromatic hydrocarbon; recovered from the splitter as bottoms and overheads fractions respectively; recovering heat from a first portion of said overheads fraction by indirect heat exchange with a mixture comprising alkylaromatic hydrocarbon and water to at least partially condense said portion and to form an azeotropic vaporization product comprising alkylaromatic vapor and steam having a second steam to alkylaromatic hydrocarbon ratio; and combining the azeotropic vaporization product with additional alkylaromatic hydrocarbon and additional steam together or separately to form the reactant vapor stream.

No. of Pages : 16 No. of Claims : 12

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNBIOTIC COMBINATION OF PROBIOTIC AND HUMAN MILK OLIGOSACCHARIDES TO PROMOTE GROWTH OF BENEFICIAL MICROBIOTA

 (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 	:A23L1/29,A23L1/30,A61K31/702 :61/428869 :31/12/2010 :U.S.A. :PCT/US2011/067012 :22/12/2011 :WO 2012/092155	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)CHOW JoMay 2)BUCK Rachael
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides that can be administered to individuals including preterm infants infants toddlers and children for improving gastrointestinal function and tolerance as well as the growth of beneficial microbiota. Suitable additional methods of using the nutritional compositions including the human milk oligosaccharides are also disclosed.

No. of Pages : 71 No. of Claims : 15

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HYDROGEN OXIDATION AND GENERATION OVER CARBON FILMS

 (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 	:H01M4/90,H01M4/88,H01L31/042 :61/424323 :17/12/2010 :U.S.A. :PCT/US2011/065569 :16/12/2011 :WO 2012/083209	 (71)Name of Applicant : 1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC. Address of Applicant :223 Grinter Hall Gainesville FL 32611 U.S.A. (72)Name of Inventor : 1)RINZLER Andrew Gabriel 2)DAS Rajib Kumar 3)CHENG Hai Ping 4)YAN Wang
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

An electrode comprises an acid treated cathodically cycled carbon comprising film or body. The carbon consists of single walled nanotubes (SWNTs) pyrolytic graphite microcrystalline graphitic any carbon that consists of more than 99% sp hybridized carbons or any combination thereof. The electrode can be used in an electrochemical device functioning as an electrolyser for evolution of hydrogen or as a fuel cell for oxidation of hydrogen. The electrochemical device can be coupled as a secondary energy generator into a system with a primary energy generator that naturally undergoes generation fluctuations. During periods of high energy output the primary source can power the electrochemical device to store energy as hydrogen which can be consumed to generate electricity as the secondary source during low energy output by the primary source. Solar cells wind turbines and water turbines can act as the primary energy source.

No. of Pages : 33 No. of Claims : 11

(19) INDIA

No

No

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(72)Name of Inventor :

1)ILMONEN Tommi

(54) Title of the invention : INTERACTIVE DISPLAY (51) International classification :G06F3/03,G06F3/041,G06F3/042 (71)Name of Applicant : (31) Priority Document No **1)MULTITOUCH OY** :NA (32) Priority Date Address of Applicant : Henry Fordin katu 6 B FI 00150 :NA (33) Name of priority country Helsinki Finland :NA

:PCT/FI2010/051102

:WO 2012/089894

:31/12/2010

:NA

:NA

:NA

:NA

Filing Date (57) Abstract :

Number

(86) International Application

(87) International Publication

(62) Divisional to Application

(61) Patent of Addition to

Filing Date

Application Number

Filing Date

An interactive display device (100) has an image layer (102) for presenting user perceivable visual content and a touching surface (101) covering the image layer (102) or formed by the image layer (102). Further there are a plurality of invisible light sources (110) for illuminating alternatingly different sub regions of the touching surface (101) and a plurality of touch detection units (107) for capturing images of illuminated sub regions from behind the image layer (102). From the captured images contact areas are detected where a pointing object (112) contacts the touching surface (101) and thus causes correspondingly one or more marks in the captured images. The remaining ones of the invisible light sources (110) are controlled to be operable while adjacent touch detection units and associated invisible light sources are controlled to be non operable so as to reduce undesired reflections of invisible light from non contacting objects in the vicinity of the touching surface.

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

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PYRAZOL 4 YL CARBOXAMIDE DERIVATIVES AS MICROBIOCIDES

(51) International classification	:C07D231/14,C07D405/12,C07D409/12	(71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG
(31) Priority Document No	:11150210.0	Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland
(32) Priority Date	:05/01/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)STIERLI Daniel 2)WALTER Harald
(86) International Application No Filing Date	:PCT/EP2012/050003 :02/01/2012	
(87) International Publication No	:WO 2012/093100	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Compounds of formula (I) wherein R i is C i-C4alkyl, C i -C4haloalkyl or C i-C4alkoxy; R 2 is C i -C4alkyl; R is hydrogen ³/₄ or halogen; is hydrogen, C i-C4alkyl or C i-C4alkyl; R 5 is hydrogen, halogen or C i-C4alkyl is hydrogen, halogen, Ci - C4alkyl, C2-C6alkenyl or C -C6alkynyl; R 7 is hydrogen, halogen, C i-C alkyl, C 2-C alkenyl, C -C6alkynyl, C -C6cycloalkyl-C - C6alkynyl, C i-C6haloalkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; R s is hydrogen, halogen, C i-C4alkyl, C2-C6alkenyl, C -C6alkynyl, amino, C i-C6alkylcarbonylamino, C i-C6alkoxycarbonylamino or C -C6cycloalkylcarbonylamino; is hydrogen, halogen, C i-C6alkoxy, C 2-C6haloalkenyl, C3-C6alkynyl, C3-C6cycloalkyl-C3-C6alkynyl, halophenoxy, halophenyl, Ci -C6haloalkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; R is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; Rio is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; Rio is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; Rio is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; Rio is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or C 2-C6haloalkenyloxy; Rio is hydrogen, halogen, C i-C4alkyl, C i-C6alkoxy, C 2-C6haloalkenyl, or S; n is 0, 1 or 2; and agronomically acceptable salts/isomers/structural isomers/tautomers/automers and N-oxides of those compounds, are suitable for use as microbiocides.

No. of Pages : 40 No. of Claims : 10

(21) Application No.3779/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REMITTANCE SYSTEM WITH IMPROVED SERVICE FOR UNBANKED INDIVIDUALS (51) International classification :G06Q40/00 (71)Name of Applicant : (31) Priority Document No :12/940671 1)MASTERCARD INTERNATIONAL INCORPORATED (32) Priority Date Address of Applicant :2000 Purchase Street Purchase NY :05/11/2010 (33) Name of priority country :U.S.A. 10577 U.S.A. (86) International Application No :PCT/US2011/050360 (72)Name of Inventor: Filing Date :02/09/2011 **1)HAGMEIER Shawn** (87) International Publication No :WO 2012/060930 2)WEISMAN Mark 3)ESPINOZA Csar (61) Patent of Addition to Application :NA Number **4)CINTRON Miguel** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A service provider computer receives a request for a transfer of funds from a sender to a recipient. The service provider computer makes a data record about the transaction available to a receiving financial institution. The receiving financial institution receives a visit from the recipient issues a new payment card account to the recipient and communicates the account number for the new account to the service provider computer. The service provider computer initiates a payment transaction in a payment card system to route the requested funds transfer from a payment card account belonging to the sender to the newly issued payment card account for the recipient.

No. of Pages : 26 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (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 	:D07B1/06 :PCT/CN2011/000042 :10/01/2011 :China :PCT/EP2011/072074 :07/12/2011 :WO 2012/095224 :NA	 (71)Name of Applicant : 1)NV BEKAERT SA Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem Belgium (72)Name of Inventor : 1)CHENG Zhichao 2)TIAN Hao 3)ZHANG Aijun
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2012/095224 :NA :NA	2) HAN Hao 3)ZHANG Aijun 4)LUO Yiwen 5)TANG Ojuju
(62) Divisional to Application Number Filing Date	:NA :NA	6)PAN Lei

(54) Title of the invention : COMPACT STEEL CORD

(57) Abstract :

A steel cord (20) adapted for the reinforcement of elastomer products comprises a Single core filament (22) with a core filament diameter D and 3N layer filaments (24 26) twisted around the core filament in the same direction and with the same step. N ranges from four to five. The 3N layer filaments is arranged in an intermediate layer of N filaments (24) having an intermediate layer diameter D and in an outer layer of 2N filaments (26) having an outer layer diameter D and the steel cord (20) has the following characteristics (D D D in mm): D=D<D.

No. of Pages : 14 No. of Claims : 6

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DETERMINING AN ESTIMATED LOCATION

 (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 	:G01S19/11,G01S5/14,G01S5/02 :10275130.2 :16/12/2010 :EPO :PCT/EP2011/072658 :13/12/2011 o:WO 2012/080281 :NA :NA :NA	 (71)Name of Applicant : 1)ASTRIUM LIMITED Address of Applicant :Gunnels Wood Road Stevenage Hertfordshire SG1 2AS U.K. (72)Name of Inventor : 1)MORRISON Russell 2)DIXON Charles 3)DUMVILLE Mark 4)ROBERTS William
Number Filing Date	:NA	

(57) Abstract :

A receiver is configured to receive signals wirelessly from a plurality of pseudolites each signal including information defining a pseudolite from which the signal was transmitted. The receiver is configured to determine an estimated location based on which combination of two or more pseudolites the receiver is currently within range of. The receiver may determine the estimated location independently of a time taken for each one of the signals to reach the receiver from the two or more pseudolites. The signals may be formatted according to a global navigation satellite system GNSS specification.

No. of Pages : 35 No. of Claims : 14

(21) Application No.5418/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C02F3/08 :12/970055 :16/12/2010 :U.S.A. :PCT/US2011/063248 :05/12/2011 :WO 2012/082426 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BIOMASS TECHNOLOGIES LLC Address of Applicant :22482 Orchard Lake Road Farmington Michigan 48336 U.S.A. (72)Name of Inventor : 1)BAXI Indra R.
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(54) Title of the invention : ROTATING BIOLOGICAL CONTACTOR APPARATUS & METHOD

(57) Abstract :

A waste water treatment facility with a rotating biological contactor (RBC) system. The RBC sits in a tank that receives wastewater to be purified. The tank supports a rotatable shaft. One or more stages of rotating disk assembles progressively purify incoming wastewater. Each stage is oriented transversely to the shaft and has a plurality of disk assembles. Each disk assembly has a number of disks. Each of the disks comprises multiple concentric arcuate segments. The segments are provided with two generally radially extending edges two circumferential edges that extend between the two radially extending legs and a front face and a back face. Posts extend from the front and back faces of the disks for stirring wastewater and for offering a site for adherence of biomass suspended in the wastewater. Connecting members interconnect adjacent disks and optionally define a flow channel therebetween. First and second engagement features also extend from one of the front and back surfaces of a disk that enable adjacent segments of a disk to be joined.

No. of Pages : 28 No. of Claims : 18

(21) Application No.5419/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (4

(43) Publication Date : 05/12/2014

 (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 	:H01L31/052 :12/947483 :16/11/2010 :U.S.A. :PCT/IL2011/000882 :15/11/2011 :WO 2012/066539 :NA :NA :NA	 (71)Name of Applicant : IZENITH SOLAR LTD. Address of Applicant :5 HaBarzel Street 82000 Kiryat Gat Israel (72)Name of Inventor : MORAN Rani CHAYET Haim KOST Ori
Filing Date	:NA :NA	

(54) Title of the invention : SOLAR ELECTRICITY GENERATION SYSTEM

(57) Abstract :

A solar electricity generator including an array of photovoltaic power generating elements and a single continuous smooth solar reflecting surface the surface being arranged to reflect light from the sun onto the array of photovoltaic power generating elements wherein the flux per area at a point of minimum flux per area on the array is approximately 75% of the flux per area at a point of maximum flux per area the intercept factor of the array is at least 70% and the optical fill factor of the array is at least 60%.

No. of Pages : 67 No. of Claims : 31

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DELIVERY PLAN PRESENTING SYSTEM DELIVERY PLAN PRESENTING DEVICE CONTROL METHOD PROGRAM AND COMPUTER READABLE RECORDING MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q30/00,C02F1/46,G06Q50/00 :2010239972 :26/10/2010 :Japan :PCT/JP2011/074398 :24/10/2011	 (71)Name of Applicant : 1)MORINAGA MILK INDUSTRY CO. LTD. Address of Applicant :33 1 Shiba 5 chome Minato ku Tokyo 1088384 Japan (72)Name of Inventor : 1)MATSUYAMA Koki
(87) International Publication No	:WO 2012/057059	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A delivery plan presenting device includes: a required amount calculating unit; a generated amount calculating unit; a calculating unit of the number of electrode plates; a 5 specification selecting unit configured to select at least one specification of the electrolytic cell from among specifications of electrolytic cells to be constituted by the electrode plates, based on a condition for the manufacturing machine which is emphasized by the client; a delivery plan generating unit configured to generate a delivery plan that presents the specification of the electrolytic cell which is selected by 10 the specification selecting unit and which includes information concerning the number of electrode plates of the electrolytic cell, or a specification of the manufacturing machine including the electrolytic cell; and a delivery plan data output unit configured to output data indicating the delivery plan generated by the delivery plan generating unit.

No. of Pages : 90 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :23/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RATE DISCOUNT FORECASTS FOR WIRELESS USER TERMINALS

 (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 	:H04W4/24,G06Q20/32,H04L12/14 :12/976103 :22/12/2010 :U.S.A. :PCT/SE2011/051248 :19/10/2011 :WO 2012/087218 :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)T-RNKVIST Robert 2)ERIKSSON Ulf 3)CLAASSEN Geert 4)BLOMQVIST Elias
Number Filing Date	:NA :NA	

(57) Abstract :

A user interface of a wireless user terminal provides a forecast of a future rate discount that may apply at a future time and/or at a possible future location of the wireless user terminal. The forecast may be displayed as a map and/or as textual or graphical information and may be provided in response to a user request in response to receipt of a message from the wireless network and/or automatically at a given time. Related systems methods and devices are described.

No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ALLOCATION OF 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 	:H04W72/04 :NA :NA :NA :PCT/CN2010/080144 :22/12/2010 :WO 2012/083539 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)SKOV Peter 2)WU Chunli

(57) Abstract :

This disclosure relates to control of communications by a communication device in a service area. Resources for simultaneous communications via a plurality of antennas in the service area are allocated and information of said allocated resources are sent via a plurality of control channels to the communication device. The communication device receives the plurality of control channels and can communicate simultaneously via the plurality of antennas based on the information.

No. of Pages : 27 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :F21K99/00 (71)Name of Applicant : (31) Priority Document No 1)ILLINOIS TOOL WORKS INC. :61/423153 (32) Priority Date Address of Applicant :3600 West Lake Avenue Glenview :15/12/2010 (33) Name of priority country Illinois 60026 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/064952 (72)Name of Inventor : Filing Date :14/12/2011 1)BARRENA Juan J. (87) International Publication No :WO 2012/082925 2)CLAPROOD Edward J. (61) Patent of Addition to Application 3)LARSON Eric K. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : HEAT SINK/CONNECTOR SYSTEM FOR LIGHT EMITTING DIODE

(57) Abstract :

An assembly for high powered LEDs provides a direct attachment of the LED (16) to a ceramic thermal conductor/electrical insulator sealed in a housing with a compression element between a portion of the housing and ceramic heat sink (12) to provide a predetermined range of biasing force locating the ceramic heat sink against the portion of the housing with dimensional changes in the ceramic heat sink caused by thermal expansion of the ceramic heat sink.

No. of Pages : 23 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRONIC DEVICE METHOD FOR PRODUCING THE LATTER AND PRINTED CIRCUIT BOARD COMPRISING ELECTRONIC DEVICE

(51) International classification:H01L23/538(71)Na(31) Priority Document No:10 2010 060 855.61)SC(32) Priority Date:29/11/2010Ad(33) Name of priority country:Germany(72)Na(86) International Application No:PCT/EP2011/005912(72)NaFiling Date:24/11/20111)GC(87) International Publication No:WO 2012/0722122)R-(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	Tame of Applicant : CHWEIZER ELECTRONIC AG ddress of Applicant :Einsteinstr. 10 78713 Schramberg any Tame of Inventor : OTTWALD Thomas –SSLE Christian
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(57) Abstract :

The present invention encompasses an electronic device (50) comprising an electrically conductive core layer (10) with a first layer (16) composed of electrically conductive material said first layer being applied on both sides and with at least one electronic component (20) arranged in a cutout (18) of the first layer (16) wherein the first layer (16) is covered in each case with an electrically insulating thermally conductive layer (34 36) and a further layer (22 26) composed of electrically conductive material is provided in each case on the thermally conductive layer (34 36) said further layer being coated in each case with a covering layer (38) composed of electrically conductive material and furthermore having plated through holes (24) composed of the material of the covering layer (38) which extend through the electrically insulating thermally conductive layer (36) covering the electronic component (20) and the further layer (22) composed of electrically and thermally conductive material for the purpose of making contact with the electronic component (20).

No. of Pages : 47 No. of Claims : 27

(22) Date of filing of Application :18/06/2013

(54) Title of the invention : COMPOUNDS AND THEIR USE AS BACE INHIBITORS

(51) International classification	:C07D491/107,A61K31/4184,A61K31/4188	(71)Name of Applicant : 1)ASTRAZENECA AB
(31) Priority Document No	:61/425852	Address of Applicant :SE 151 85 Sdertlje Sweden (72)Name of Inventor :
(32) Priority Date	:22/12/2010	1)CSJERNYIK Gabor
(33) Name of priority		2)KARLSTR-M Sofia
country	.U.S.A.	3)KERS Annika
(86) International	·PCT/SF2011/051555	4)KOLMODIN Karin
Application No	·21/12/2011	5)NYL–F Martin
Filing Date	.21/12/2011	6)-HBERG Liselotte
(87) International	·WO 2012/087237	7)RAKOS Laszlo
Publication No		8)SANDBERG Lars
(61) Patent of		9)SEHGELMEBLE Fernando
Addition to	:NA	10)S–DERMAN Peter
Application Number	:NA	11)SWAHN Britt Marie
Filing Date		12)VON BERG Stefan
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date	.11/1	

(57) Abstract :

The present invention relates to compounds of formula (I) and their pharmaceutical compositions. In addition the present invention relates to therapeutic methods for the treatment and/or prevention of related pathologies such as Down s syndrome amyloid angiopathy such as but not limited to cerebral amyloid angiopathy or hereditary cerebral hemorrhage disorders associated with cognitive impairment such as but not limited to MCI (mild cognitive impairment) Alzheimer s disease memory loss attention deficit symptoms associated with Alzheimer s disease neurodegeneration associated with diseases such as Alzheimer s disease or dementia including dementia of mixed vascular and degenerative origin pre senile dementia senile dementia and dementia associated with Parkinson s disease.

No. of Pages : 276 No. of Claims : 25
(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MANUFACTURING METHOD FOR HELICAL CORE FOR ROTATING ELECTRICAL MACHINE AND MANUFACTURING DEVICE FOR HELICAL CORE FOR ROTATING ELECTRICAL MACHINE

(51) International classification	:H02K15/02,H02K1/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:NA	CORPORATION
(33) Name of priority country	:NA	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2011/051732	Tokyo 1008071 Japan
Filing Date	:28/01/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/101812	1)KUROSAKI Yousuke
(61) Patent of Addition to Application	·NA	
Number	.INA ·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This manufacturing method for the helical core for the rotating electrical machine is provided with: a first step for forming in a belt shaped metal plate extending in one direction a yoke part extending along the one direction and a plurality of tooth parts protruding in the width direction of the yoke part from one side edge in the width direction thereof; a second step for forming a notch at a position between the tooth parts of the yoke part after the first step; and a third step for processing the belt shaped metal plate into a helical shape by applying bending thereto such that the belt shaped metal plate is curved in the width direction sequentially from a portion in which the notch has been formed after the second step and in the third step the distance between the position at which the application of bending is started and the position at which the notch is formed is limited to a predetermined length or less.

No. of Pages : 53 No. of Claims : 13

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR IMPROVING THE TRACKING OF A DATA TRANSMISSION SIGNAL OF A SATELLITE NAVIGATION 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 	:G01S19/07,G01S19/05,G01S19/25 :1005179 :30/12/2010 :France :PCT/EP2011/071906 :06/12/2011 :WO 2012/089452	 (71)Name of Applicant : 1)THALES Address of Applicant :45 rue de Villiers F 92200 Neuilly Sur Seine France (72)Name of Inventor : 1)DAMIDAUX Jean Louis
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a method for improving the tracking of a data transmission signal transmitted to a receiver of a satellite navigation system in addition to navigation signals transmitted by the satellites to a satellite positioning receiver comprising: a step of transmitting (10) to the receiver during a so called improvement period TAAi and by means of an improvement signal transmitted in conjunction with said data transmission signal data Ni or other data Nai enabling the prediction of said data said data further being transmitted to the receiver by means of the data transmission signal during a transmission period TAAi; a step of receiving (20) by the receiver said data Ni or said other data Nai which are transmitted by means of the improvement signal; a step of generating symbols (30) to be used for modulating the data transmission signal during said transmission period Tai by means of said received data Ni or other received data Nai; and a step of tracking (40) the data transmission signal while eliminating the effect of the modulation of said data transmission signal by the generated symbols.

No. of Pages : 16 No. of Claims : 9

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELASTOMER RESINS FIBERS AND FABRICS THEREOF AND USES THEREOF

(51) International classification	:C08G18/32,C08G18/42,C08G18/48	(71)Name of Applicant : 1)LUBRIZOL ADVANCED MATERIALS INC.
(31) Priority Document No	:61/425320	Address of Applicant :9911 Brecksville Road Cleveland Ohio
(32) Priority Date	:21/12/2010	44141 3247 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/065746 :19/12/2011	1)VEDULA Ravi R. 2)BRYSON JR. James E. 3)LEE Mouh Wahng
(87) International Publication No	:WO 2012/087884	4)FISCHER Daniel M. 5)SPRAGUE Christopher A.
(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 elastomeric resins fibers made from said resins fabrics made with said fibers and applications and uses for the resins fibers and fabrics. The elastomer resins of the invention provide high strength fibers and well balanced fabrics with good physical properties and chemical resistance making them attractive for use in various applications that use elastic fibers and fabrics.

No. of Pages : 38 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR DOSING A MEDICAMENT

 (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 	:A61M5/142,A61M5/145 :12/910437 :22/10/2010 :U.S.A. :PCT/US2011/057123 :20/10/2011 :WO 2012/054741 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CEQUR SA Address of Applicant : Altsagenstrasse 5 CH 6048 Horw Switzerland (72)Name of Inventor : 1)BOIT Christopher Sprague 2)GRAVESEN Peter 3)ARNDT Heiko 4)PEATFIELD Gregory H. 5)MCDERMOTT Patrick
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(57) Abstract :

A manually actuated pump (400) such as a bolus delivery circuit of an insulin pump combines a direct drive piston system (404) with a lost motion valve system (406) to deliver reliably a full bolus dose while precluding partial dosing or inadvertent overdosing conditions. The pump may also include a signaling device (407) to indicate when a full bolus dose is delivered.

No. of Pages : 58 No. of Claims : 52

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION FOR CLEANING

(51) International classification	1:B29C33/72,C08L23/10,C11D1/02	(71)Name of Applicant :
(31) Priority Document No	:2010292061	1)DAICEL POLYMER LTD.
(32) Priority Date	:28/12/2010	Address of Applicant :2 18 1 Konan Minato ku Tokyo
(33) Name of priority country	:Japan	1088231 Japan
(86) International Application No Filing Date	:PCT/JP2011/076754 :21/11/2011	(72)Name of Inventor : 1)WAKITA Naoki
(87) International Publication No	:WO 2012/090620	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A thermoplastic resin composition for cleaning contains (A) a polypropylene in the amount of 100 parts by mass (B) a thermoplastic resin in the amount of 0 50 parts by mass that is incompatible with the (A) component (C) a thermoplastic resin in the amount of 0.5 50 parts by mass for making the (A) component and the (B) component compatible and (D) a surfactant mixture in the amount of 0.5 15 parts by mass containing at least one type of anionic surfactant and at least one type of nonionic surfactant.

No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(71)Name of Applicant : :A61B17/78,A61B17/74 **1)SYNTHES USA LLC** (51) International classification Address of Applicant :1302 Wrights Lane East West Chester (31) Priority Document No :61/435036 (32) Priority Date PA 19380 U.S.A. :21/01/2011 **2)SYNTHES GMBH** (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/021695 (72)Name of Inventor : Filing Date :18/01/2012 **1)BUETTLER Markus** (87) International Publication No :WO 2012/099944 2)STUCKI Simon (61) Patent of Addition to Application 3)WOLF Stefan :NA Number 4)FELDER Martin :NA Filing Date 5)KMIEC Stan (62) Divisional to Application Number :NA 6)HENNING Kyle Filing Date 7)PAPPALARDO Dana :NA 8)AEBI This

(54) Title of the invention : TROCHANTERIC FEMORAL NAIL AUGMENTABLE

(57) Abstract :

A device for bone fixation comprises a bone fixation nail extending from a proximal end to a distal end the distal end having a helical structure configured to engage a bone the proximal end having an opening extending thereinto and a first sleeve configured for insertion over a proximal portion of the bone fixation nail and through an intramedullary nail hole the first sleeve permitting the bone fixation nail to move axially therewithin within a predetermined range of movement along with a locking screw configured to limit movement of the bone fixation nail relative to the first sleeve the locking screw configured to lockingly engage the opening in the bone fixation nail and a threaded shaft extending distally therefrom.

No. of Pages : 58 No. of Claims : 31

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTROMAGNETIC FLOW METER SENSOR CAPABLE OF DETECTING MAGNETIC FIELD AND MAGNETIC PERMEABILITY

 (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 	:G01F1/58 :201020674482.6 :22/12/2010 :China :PCT/CN2011/080559 :09/10/2011 :WO 2012/083745 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHANGHAI WELLTECH INSTRUMENT CO. LTD. Address of Applicant :1st Floor B Building No.1618 Yishan Road Minhang District Shanghai 201103 China 2)SHANGHAI WELLTECH AUTOMATION CO. LTD. 3)NORTHEASTERN UNIVERSITY (72)Name of Inventor : 1)ZHANG Zhenshan 2)ZHANG Guangrui 3)ZHANG Lin 4)HUANG Xiaoyan 5)HUANG Yuegang 6)ZHAO Run
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(57) Abstract :

An electromagnetic flow meter sensor capable of detecting a magnetic field and magnetic permeability comprises a flange (11) and a measuring tube (12). The flange (11) is installed at two ends of the measuring tube (12). A reference coil (14) and an excitation coil (13) are fixed on the measuring tube (12). The reference coil (14) and the excitation coil (13) are separately wound and are kept at a certain distance. Among signals of the reference coil (14) a proportion of signals reflecting the main measured flux rises to over four times of that of a conventional reference coil so that it becomes possible to measure a fluid with variable magnetic permeability and also the zero stability and the measurement accuracy are also increased.

No. of Pages : 16 No. of Claims : 6

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TWIN TURBINE SYSTEM WHICH FOLLOWS THE WIND/WATER (WINDTRACKER) FOR WIND AND/OR WATER POWER

(51) International classification(31) Priority Document No(22) Driverty Decta	:F03D3/02,F03D3/04,F03D3/00 :10 2010 054 365.9	(71)Name of Applicant : 1)STEEL Dennis Patrick
(32) Priority Date(33) Name of priority country	:Germany	Germany
(86) International Application No Filing Date	:PCT/EP2011/006062 :03/12/2011	(72)Name of Inventor : 1)STEEL Dennis Patrick
(87) International Publication No	:WO 2012/079711	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A turbine system for wind and/or water power is characterized in that two radial turbines (1 2) aligned next to each other and in parallel are arranged having a vertical axis of rotation said radial turbines being connected to each other and being pivotable about a pivot axis (3) parallel to the turbine axes (18) wherein the pivot axis and a V shaped wind distributor (3) are located outside the connecting line between the turbine axes and both on the same side of the connecting line.

No. of Pages : 36 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYMER BASED GELATIN FREE CAPSULES

(51) International classification	:C08C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPAS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSHA KHARKWAL
(87) International Publication No	:NA	2)KUMUD BALA`
(61) Patent of Addition to Application Number	:NA	3)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	4)DEVI DATT JOSHI
(62) Divisional to Application Number	:NA	5)AMIT CHANDRA KHARKWAL
Filing Date	:NA	

(57) Abstract :

The present invention relates to a polymer based gelatin free capsules made with a combination of polysaccharides isolated from Cassia grandis in combination with corn starch, potato starch and partially hydrolyzed pectin in the ratio of 1.5:1:1:0.5. These polysaccharides are pseudoplastic or exhibit shear thinning behavior in solution and show excellent synergy. The degree of pseudoplasticity increases with concentration and molecular weight. Their thickness can be varied and hence due to their multimolecular forming nature the release of the drug inside the capsule may be controlled accordingly. The present invention thus provides an alternative to gelatin which is used for capsule cover and is extracted from animal source whereas this is purely a natural source and is biodegradable and non-toxic.

No. of Pages : 15 No. of Claims : 8

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RELAYING IN MIXED LICENSED AND UNLICENSED CARRIER AGGREGATION

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W72/00,H04W76/00,H04W16/10 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor :
(32) Name of priority country	:NA	1)KAZMI Muhammad 2)FODOR Gabor
(86) International Application No Filing Date	:PCT/SE2010/051013 :21/09/2010	
(87) International Publication No	:WO 2012/039656	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A radio access network (20) comprises a radio access network node (28) and plural wireless devices (30 1 30 r). At least a first wireless terminal (30 1) is rendered capable of using mixed carrier aggregation. A relay node (30 r) transmits an unlicensed component carrier(s) allocated to the first wireless terminal (30 1) between the radio access network node (28) and the first wireless terminal (30 1). The relaying provided by the relay node (30 r) may occur either in a downlink (DL) and uplink (UL) or both downlink (DL) and uplink (UL).

No. of Pages : 66 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR INDEXING ELECTRONIC DISCOVERY 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 Filing Date 	:G06Q10/00 :61/390221 :06/10/2010 :U.S.A. :PCT/US2011/055165 :06/10/2011 :WO 2012/048158 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PLANET DATA SOLUTIONS Address of Applicant :555 Taxter Road Suite 150 Elmsford NY 10523 U.S.A. (72)Name of Inventor : 1)WADE Michael 2)NELSON Robert
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(57) Abstract :

Systems and methods for efficiently processing electronically stored information (ESI) are described. The systems and methods describe processing ESI in preparation for or association with litigation. The invention preserves the contextual relationships among documents when processing and indexing data allowing for increased precision and recall during data analytics.

No. of Pages : 60 No. of Claims : 30

(21) Application No.5450/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISLOCATION ENGINEERING IN SINGLE CRYSTAL SYNTHETIC DIAMOND MATERIAL

(51) International classification	:C30B25/10,C30B29/04	(71)Name of Applicant :
(31) Priority Document No	:1021985.5	1)ELEMENT SIX LIMITED
(32) Priority Date	:24/12/2010	Address of Applicant :Isle of Man Freeport P O Box 6 Isle of
(33) Name of priority country	:U.K.	Man IM99 6AQ U.K.
(86) International Application No	:PCT/EP2011/073147	(72)Name of Inventor :
Filing Date	:16/12/2011	1)DHILLON Harpreet Kaur
(87) International Publication No	:WO 2012/084750	2)DAVIES Nicholas Matthew
(61) Patent of Addition to Application	· NT A	3)KHAN Rizwan Uddin Ahmad
Number	.INA ·NA	4)TWITCHEN Daniel James
Filing Date	.INA	5)MARTINEAU Philip Maurice
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A single crystal CVD synthetic diamond layer comprising a non parallel dislocation array wherein the non parallel dislocation array comprises a plurality of dislocations forming an array of inter crossing dislocations as viewed in an X ray topographic cross sectional view or under luminescent conditions.

No. of Pages : 47 No. of Claims : 19

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STEEL FOR NITRIDING AND NITRIDED COMPONENT

(51) International classification	1:C22C38/28,C22C38/50,C23C8/26	(71)Name of Applicant :
(31) Priority Document No	:2011019868	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:01/02/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application	·DCT/ID2012/051650	Tokyo 1008071 Japan
No	.26/01/2012	2)HONDA MOTOR CO. LTD.
Filing Date	.20/01/2012	(72)Name of Inventor :
(87) International Publication	:WO 2012/105405	1)IMATAKA Hideki
No		2)YUYA Masato
(61) Patent of Addition to	·NA	3)GYOTOKU Yuya
Application Number	·NA	4)KOBAYASHI Atsushi
Filing Date	.1 17 1	5)MAEDA Susumu
(62) Divisional to Application	·NA	
Number	·NA	
Filing Date		

(57) Abstract :

Steel for nitriding which has a chemical composition that contains $0.07 \ 0.14\%$ of C $0.10 \ 0.30\%$ of Si $0.4 \ 1.0\%$ of Mn $0.005 \ 0.030\%$ of S $1.0 \ 1.5\%$ of Cr 0.05% of less of Mo (including 0%) 0.010% or more but less than 0.10% of Al and $0.10 \ 0.25\%$ of V and if necessary 0.30% of less of Cu and/or 0.25% or less of Ni with the balance made up of Fe and impurities while satisfying (0.61Mn + 1.11Cr + 0.35Mo + 0.47V = 2.30). P N Ti and O in the impurities respectively satisfy P = 0.030% N = 0.008% Ti = 0.005% and O = 0.0030%. This steel for nitriding can be easily cut before nitriding and is suitable for use as a material for a nitrided component such as a ring gear for automobiles. A nitrided component which has the above described chemical composition a surface hardness HV of 650 900 a core hardness HV of 150 or more and an effective case depth of 0.15 mm or more has excellent characteristics such as high bending fatigue strength and high surface fatigue strength after nitriding even in cases where the content of Mo that is an expensive element is limited to 0.05% by mass or less while having small expansion due to nitriding.

No. of Pages : 47 No. of Claims : 3 jijijijijijij

(21) Application No.5445/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR CELL IDENTIFICATION IN A RADIO NETWORK (51) International classification :H04W36/00 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON :NA (32) Priority Date Address of Applicant : S 164 83 Stockholm Sweden :NA (72)Name of Inventor : (33) Name of priority country :NA (86) International Application No 1)GUNNARSSON Fredrik :PCT/SE2010/051497 Filing Date :30/12/2010 2)ELMDAHL Per (87) International Publication No :WO 2012/091646 **3)LINNELL Ove** (61) Patent of Addition to Application 4)MOE Johan :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method in a radio network node for identifying a candidate cell for handover of a user equipment is provided. The radio network node receives from the user equipment a first cell identifier associated with the candidate cell. The radio network node signals a cell identification request to at least one base station serving a cell using the first cell identifier. The cell identification request comprises a user equipment identifier associated with the user equipment (102) and requests any cell wherein the user equipment associated with the user equipment identifier can be detected. The radio network node receives a cell identification response comprising a second cell identifier associated with a detecting cell served by a detecting base station wherein the user equipment associated with the user equipment identifier is detected. The radio network node then identifies the candidate cell based on the received second cell identifier.

No. of Pages : 46 No. of Claims : 30

(21) Application No.5446/DELNP/2013 A

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WEIGHTED SOFT BUFFER HANDLING IN RADIOCOMMUNICATION SYSTEMS (51) International classification :H04L5/00,H04L1/18 (71)Name of Applicant : (31) Priority Document No :61/427524 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :S 164 83 Stockholm Sweden :28/12/2010 (72)Name of Inventor : (33) Name of priority country :U.S.A. (86) International Application No :PCT/SE2011/051579 **1)BALDEMAIR Robert** Filing Date 2)CHENG Jung Fu :22/12/2011 (87) International Publication No :WO 2012/091663 **3)GERSTENBERGER Dirk** (61) Patent of Addition to Application 4)LARSSON Daniel :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

(19) INDIA

Weighting factor information can be transmitted from a base station toward a terminal. The weighting factor information can be used by the terminal to allocate a portion of a buffer for received codewords or transport blocks associated with each component carrier that has been assigned to that terminal.

No. of Pages : 55 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INCREASING DRUG BIOAVAILABILITY IN NALTREXONE THERAPY

 (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 	:A61K31/485 :61/419395 :03/12/2010 :U.S.A. :PCT/US2011/063177 :02/12/2011 :WO 2012/075459 :NA :NA	 (71)Name of Applicant : 1)OREXIGEN THERAPEUTICS INC. Address of Applicant :3344 North Torrey Pines Court Suite 200 La Jolla CA 92037 U.S.A. (72)Name of Inventor : 1)FLANAGAN Shawn 2)DUNAYEVICH Eduardo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are compositions uses methods and kits for increasing drug bioavailability in a naltrexone therapy.

No. of Pages : 48 No. of Claims : 53

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TIMER VALUE NEGOTIATION FOR PATH CONFIGURATION BASED ON RSVP TE

 (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 	:H04L12/24,H04L29/08,H04L12/56 :NA :NA :PCT/EP2011/050826 :21/01/2011 :WO 2012/097878	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)KERN Andr;s 2)TREMBLAY Benoit 3)TAK CS Attila
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an ingress node (102 700) and methods therein for Operation Administration arid Maintenance OAM related to Resource Reservation Protocol Traffic Engineering RSVP TE5 for obtaining attributes for timer values being assigned to a connection from the ingress node (102) via intermediate nodes (104 106 108 110) to an egress node (112) during configuration of die connection. An interval of suitable tinier values for the intermediate nodes is specified. Configuration attributes are obtained for a timer value within an interval that is acceptable by the intermediate nodes and the egress node based on the specified interval of suitable timer values. The obtained configuration attributes are applied during configuration of the connection from the ingress node via the intermediate nodes to the egress node if the obtained configuration attributes are appropriate to the ingress node. Fine tuning of connection related timers can therefore be achieved decreasing the overall recovery time and the overall overhead.

No. of Pages : 28 No. of Claims : 14

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SETTABLE COMPOSITIONS COMPRISING INTERGROUND PERLITE AND HYDRAULIC CEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Applicatior 	:C04B28/02,C04B28/04,C04B28/06 :13/180238 :11/07/2011 :U.S.A. :PCT/US2012/046117 :10/07/2012 :WO 2013/009780 :NA :NA	 (71)Name of Applicant : HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Blvd. Houston Texas 77072 U.S.A. (72)Name of Inventor : KARCHER Jeffrey BRENNEIS Chad RODDY Craig W. 4)BENKLEY James R.
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

Methods and compositions are disclosed that comprise interground perlite and hydraulic cement. An embodiment provides a method of cementing comprising: providing a settable composition comprising perlite hydraulic cement and water wherein the perlite and hydraulic cement are interground prior to combination with the water to form the settable composition; and allowing the settable composition to set.

No. of Pages : 30 No. of Claims : 28

(21) Application No.5455/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND COMPOUNDS FOR PREPARING 3ALPHA OXYGEN SUBSTITUTED STEROIDS (51) International classification :A61K31/56 (71)Name of Applicant : (31) Priority Document No 1)HARBOR BIOSCIENCES INC. :61/423457 (32) Priority Date Address of Applicant :9191 Towne Centre Drive Suite 409 :15/12/2010 (33) Name of priority country San Diego CA 92122 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/065298 (72)Name of Inventor : Filing Date :15/12/2011 1)GE Yu (87) International Publication No :WO 2012/083090 2)WHITE Steven K. (61) Patent of Addition to Application 3)HUANG Yujin :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to processes for preparing 3a O linked steroids including 3a O linked androst 5 ene steroids and 3a O linked 5a androstane steroids. In one process a 3a 4a epoxy androst 5 en 17 one is predominately reduced at the epoxy moiety wherein reduction of the 3a 4a epoxy functional group occurs preferentially at position C4 with retention of configuration at position C3 to provide a 3a O linked androst 5 ene steroid. In another process conditions are provided for inversion of configuration of a 3 hydroxy androst 5 ene steroid by the Mitsunobu reaction to provide a 3a O linked androst 5 ene steroid with reduced amounts of 3a 5a cycloandrostane side product impurities.

No. of Pages : 123 No. of Claims : 50

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD OF AND DEVICE FOR SERVICE MONITORING AND SERVICE MONITORING MANAGEMENT

 (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 	:H04L12/24 :NA :NA :NA :PCT/EP2010/070321 :20/12/2010 :WO 2012/084009 :NA :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)FALLON Liam 2)HUANG Yangcheng
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(57) Abstract :

The invention relates to a method of and device for service monitoring and a method of and device for service monitoring management. In particular the invention relates to a method of and device for service monitoring of at least one service and of at least one sub service associated with the service in which values for service monitoring metric and sub service monitoring metrics derived from the terminal operational information are monitored and recorded. One or more service monitoring reports containing service monitoring metric values and sub service monitoring metric values that are relationally organised to reflect the association between the sub service monitoring metric values that are relationally organised to reflect the association between the sub service and the service monitoring reports having service monitoring metric values and sub service monitoring metric values and sub service monitoring metric values are analysed with reference to the association between the service and the sub service to perform service monitoring management. The service monitoring of the claimed invention may be carried out in a terminal or in a proxy or agent service monitoring device.

No. of Pages : 86 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G01T1/24,G01N23/04	(71)Name of Applicant :
(31) Priority Document No	:13/011033	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/01/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/022006	(72)Name of Inventor :
Filing Date	:20/01/2012	1)LIU James Zhengshe
(87) International Publication No	:WO 2012/100148	2)XUE Ping
(61) Patent of Addition to Application	٠NIA	3)KUMP Kenneth Scott
Number	.11/1 .NIA	4)KOST Brian John
Filing Date	.NA	5)LANGLER Donald Fayette
(62) Divisional to Application Number	:NA	6)GRANFORS Paul Richard
Filing Date	:NA	

(54) Title of the invention : X -RAY SYSTEM AND METHOD FOR SAMPLING IMAGE DATA

(57) Abstract :

An X-ray imaging method includes in a digital X- ray detector including an array of discrete picture elements each including a photodiode and a transistor applying a first voltage to the transistors of the discrete picture elements. The method also includes preparing for acquisition of X-ray image data by sampling data from the discrete picture elements while applying a second voltage to the transistors of the discrete picture elements while applying a second voltage. The method further includes receiving X- ray radiation on the detector from a source. The method yet further includes sampling X-ray image data from the discrete picture elements of the discrete picture elements not then being sampled to the transistors of the discrete picture elements are previous.

No. of Pages : 43 No. of Claims : 27

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTENT PROVISION

(51) International classification:H04N21/472,H04N21/462,H04N21/482(31) Priority Document No:1020290.1(32) Priority Date (33) Name of priority country:30/11/2010(33) Name of priority country:U.K.(86) International Application No Filing Date:PCT/GB2011/052370 :30/11/2011(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/073027(82) Divisional to Application Number Filing Date:NA :NA(83) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)YOUVIEW TV LTD Address of Applicant :B6 Ground Floor Broadcast Centre 201 Wood Lane London W12 7TP U.K. (72)Name of Inventor : 1)HUNTER Jeff
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(57) Abstract :

The present invention relates to a user interface for a content provision system which comprises: means for generating graphical representations of a plurality of media content items available to a user said media content items being provided by a plurality of media content providers; and means for enabling a user to access particular content items by selecting said graphical representations wherein the content items are in the form of both scheduled content items and unscheduled content items. The invention also relates to a corresponding system and method.

No. of Pages : 302 No. of Claims : 137

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : MODIFIED ENVIRONMENTAL ENERGY CONVERSION DEVICE (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No **1)DEVENDRA PUROHIT** :NA Address of Applicant : ORANGE, 8TH FLOOR, INFINITY (32) Priority Date :NA (33) Name of priority country TOWER-B, DLF, PHASE-2, GURGAON, H.R. Harvana India :NA (72)Name of Inventor : (86) International Application No :NA **1)DEVENDRA PUROHIT** 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 airtight chamber filled with liquid/refrigerant of boiling temperature ranging from 45 to 10 degree Celsius, vaporizing liquid refrigerant with environmental surrounding heat through condenser coils mounted on airtight chamber a turbine or reciprocating engine inside the chamber converting pressure into mechanical /electrical energy and flowing vapor steam into low pressure area of next stage condenser coil which is being cooled with water spray and air-water-cooler. Providing configuration, arrangement and apparatus to accommodate steam turbine or reciprocating steam engine inside the boiling chamber provided exhaust port (pipe) in isolated manner out from the first boiling chamber to connect next stage condenser coils. Also solution implemented for last stage of the Energy Conversion Devices heat pumping back to the environment by providing a compressor to compress last stage liquid in order to achieve higher boiling temperature of last stage liquid/refrigerant then the surrounding air or environment.

No. of Pages : 31 No. of Claims : 9

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMMUNICATION CONTROL DEVICE COMMUNICATION CONTROL METHOD COMMUNICATION DEVICE COMMUNICATION METHOD AND COMMUNICATION SYSTEM

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W16/14,H04W52/24,H04W52/30 :2010244295 :29/10/2010	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)KIMURA Ryota
(86) International Application No Filing Date	:PCT/JP2011/071250 :16/09/2011	2)SAWAI Ryo
(87) International Publication No	:WO 2012/056828	
(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 communication control device including a communication unit configured to make communication with one or more secondary communication 5 nodes operating a secondary system using at least one of a frequency channel I allocated to a primary system and a frequency channel adjacent to the frequency channel, a determination unit configured to determine an upper limit number of secondary systems or secondary communication nodes to be allocated with transmission power, and a power allocation unit configured to allocate transmission 10 power to each secondary system or each secondary communication node in each secondary system based on the determined upper limit number and the acceptable interference amount of the primary system.

No. of Pages : 90 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DIGITAL COUPON 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 	:G06Q30/00 :12/956638 :30/11/2010 :U.S.A. :PCT/US2011/062220 :28/11/2011 :WO 2012/074919 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.o. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor : 1)CHANG Brandon R.i. 2)ALLOCCA William W. 3)NICKERSON Henry R. 4)HERRINGTON Douglas J. 5)KUMAR Dilip

(57) Abstract :

Disclosed are various embodiments for a digital coupon system. Digital coupons can be defined by a coupon specification received from a coupon issuer. Digital coupons can be issued to users and redeemed with third party retailer sites and/or point of sale systems. A coupon clearing house application can manage distribution redemption reimbursement of retailers and invoicing of coupon issuers.

No. of Pages : 81 No. of Claims : 15

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYURETHANE COATING MATERIAL COMPOSITION MULTISTAGE COATING METHODS USING THESE COATING MATERIAL COMPOSITIONS AND ALSO THE USE OF THE COATING MATERIAL COMPOSITION AS CLEARCOAT MATERIAL AND PIGMENTED COATING MATERIAL AND APPLICATION OF THE COATING METHOD FOR AUTOMOTIVE REFINISH AND/OR FOR THE COATING OF PLASTICS SUBSTRATES AND/OR OF UTILITY VEHICLES

(51) Internationalclassification(31) Priority Document No(32) Priority Data	:C08G18/16,C08G18/22,C09D175/00 :61/452175 :14/03/2011	 (71)Name of Applicant : 1)BASF COATINGS GMBH Address of Applicant :Glasuritstrasse 1 48165 M¹/₄nster
(32) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)WESTHOFF Elke
(86) International Application No Filing Date	:PCT/EP2012/051574 :31/01/2012	2)HOFFMANN Peter 3)M–LLER Bernadette 4)SCHNIER Benedikt
(87) International Publication No	:WO 2012/123166	
(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 coating material compositions comprising at least one polyhydroxyl group containing compound (A) at least one polyisocyanate group containing compound (B) having free and/or blocked isocyanate groups and at least one catalyst (D) based on a zinc amidine complex which is preparable by reaction of 1.0 moles of at least one zinc(II) biscarboxylate with less than 2.0 moles of at least one amidine where R= hydrogen and R R R and R are each identical or different radicals R and R being hydrogen or an alkyl radical or an aryl radical and R and R being an alkyl radical or an aryl radical. The present invention additionally provides multistage coating methods using these coating material compositions and also the use of the coating material compositions as clearcoat material and application of the coating method for automotive refinish and/or for the coating of plastics substrates and/or of utility vehicles.

No. of Pages : 43 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :06/05/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W52/32	(71)Name of Applicant :
(31) Priority Document No	:61/411527	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:09/11/2010	Address of Applicant :S 16483 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/052187	1)BALDEMAIR Robert
Filing Date	:18/05/2011	2)CHENG Jung Fu
(87) International Publication No	:WO 2012/063138	3)GERSTENBERGER Dirk
(61) Patent of Addition to Application	·NA	4)LARSSON Daniel
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POWER CONTROL FOR ACK/NACK FORMATS WITH CARRIER AGGREGATION

(57) Abstract :

A system (30) and method for determining a Physical Uplink Control Channel, PUCCH power control parameter h(nCQI,nHARQ) for two Carrier Aggregated, CA, PUCCH formats- PUCCH format 3 and channel selection. The value of h(nCQI,nHARQ) may be based on only a linear function of nHARQ for both of the CA PUCCH formats. Based on the CA PUCCH format configured for the User Equipment UE, (12) the eNodeB (16) may instruct the UE to select or apply a specific linear function of n as a value for the power control parameter h(ncQi,nHARQ) > 80 AS to enable the UE to more accurately establish transmit power of its PUCCH signal. Values for another PUCCH power control parameter- Δ F_PUCCH (F) - are also provided for use with PUCCH format 3. A new offset parameter may be signaled for each PUCCH format that has transmit diversity configured.

No. of Pages : 53 No. of Claims : 18

(21) Application No.5465/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (37) International Publication No (38) International Publication No (37) International Publication No (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) Publication Number (31) Publication Number (32) International Publication Number (31) Publication Number (32) International Publication Number (31) Publication Number (32) Publication Number (32) Publication Number (32) Publication Number (32) Publication Number (31) Publication Number (32) Publi	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One Amd Place Sunnyvale CA 94088 U.S.A. (72)Name of Inventor : 1)SANDER Benjamin Thomas 2)HOUSTON Michael 3)CHEUNG Newton 4)LOWERY Keith
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(54) Title of the invention : DYNAMIC WORK PARTITIONING ON HETEROGENEOUS PROCESSING DEVICES

(57) Abstract :

A method system and article of manufacture for balancing a workload on heterogeneous processing devices. The method comprising accessing a memory storage of a processor of one type by a dequeuing entity associated with a processor of a different type identifying a task from a plurality of tasks within the memory that can be processed by the processor of the different type synchiOnizing a plurality of dequeuing entities capable of accessing the memory storage and dequeuing the task form the memory storage.

No. of Pages : 34 No. of Claims : 23

(21) Application No.5467/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G06F9/48	(71)Name of Applicant :
(31) Priority Document No	:61/422460	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:13/12/2010	Address of Applicant : One Amd Place Sunnyvale CA 94088
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/063238	2)ATI TECHNOLOGIES ULC
Filing Date	:05/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/082423	1)CHENG Jeffrey G.
(61) Patent of Addition to Application	·N A	2)BLINZER Paul
Number		3)HUMMEL Mark
Filing Date	INA	4)VANDOORN Leendert
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

(54) Title of the invention : GRAPHICS COMPUTE PROCESS SCHEDULING

(57) Abstract :

A method system and computer program product are disclosed for providing improved access to accelerated processing device compute resources to user mode applications. The functionality disclosed allows user mode applications to provide commands to an accelerated processing device without the need for kernel mode transitions in order to access a unified ring buffer. Instead applications are each provided with their own buffers which the accelerated processing device hardware can access to process commands. With full operating system support user mode applications are able to utilize the accelerated processing device in much the same way as a CPU.

No. of Pages : 48 No. of Claims : 28

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND CONTACT LATCHING SYSTEM FOR TEMPORARILY PRIMARILY LATCHING ELECTRICAL CONTACTS IN PLUG 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 Filing Date (62) Divisional to Application Number 	:H01R13/436,H01R43/22 :10 2011 002 991.5 :21/01/2011 :Germany :PCT/EP2012/050597 :17/01/2012 :WO 2012/098091 :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)HOFMEISTER Werner 2)PHILIPP Eckhardt
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a method for secondarily locking at least one electrical contact (2) which is inserted into a contact chamber (7) and is primarily latched therein the at least one electrical contact (2) is according to the invention primarily latched in its contact chamber (7) by means of an external latching tool (12) which engages in the contact chamber (7) through a lateral wall opening (11) in the contact chamber outer wall (10) from outside and the electrical contact (2) is then secondarily locked in its contact chamber (7) before the external latching tool (12) is removed again. The associated contact latching system for an electrical plug connection comprises at least one electrical contact (2) which has an undercut (6) for a primary latching means a contact chamber housing (1) which has at least one contact chamber (7) for insertion of the electrical contact (2) and at least one locking element (17) for secondarily locking the inserted electrical contact (2) against the fitting direction (3) wherein according to the invention a contact chamber outer wall (10) of the contact chamber (7) has a lateral wall opening (11) through which the undercut (6) in the inserted contact (2) is accessible from the outside.

No. of Pages : 17 No. of Claims : 12

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR REVERSE DIGITAL WATERMAKING IN AUDIO SIGNALS (51) International classification :H04N (71)Name of Applicant : (31) Priority Document No **1)AMITY UNIVERSITY** :NA (32) Priority Date Address of Applicant : AMITY UNIVERSITY CAMPUS, :NA (33) Name of priority country SECTOR 125, NOIDA -201303, UP, INDIA :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)DR. MALAY KISHORE DUTTA (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 system and method of reverse watermarking in audio signals to make the watermark audible in the watermarked signal. On the addition of the watermark, the digital media gets corrupted in such a manner that the HAS (Human auditory system) cannot make any sense from these signals. Using signal processing methods the normalized correlation between the original and the reverse watermarked signal is engineered to a very low value (less than 0.2) which gives a poor signal to noise ratio (SNR), around 2-3 dB. The watermark can be removed using a secret key and once the watermark is removed, the digital signal is completely recovered which is as good as the original (un-watermarked signal).

No. of Pages : 15 No. of Claims : 10

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNTHESIS OF GOLD NANOPARTICLES FROM PHYTOPATHOGENIC FUNGUS MACROPHOMINA PHASEOLINA

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR 125, NOIDA -201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJNI SINGH
(87) International Publication No	:NA	2)SONALI GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for extracellular synthesis of gold nanoparticles (GNPs) using phytopathogenic fungus Macrophomina phaseolina are developed. Absorbance peak at 540 nm confirms the formation of gold nanoparticles. The High Resolution Transmission electron Microscopy (HRTEM) images reveal well-dispersed oval gold nanoparticles ranging between 14 to 16 nm with distinct coating on the surface. Fourier transform infrared (FTIR) spectra of gold nanoparticles validate the presence of protein capping on their surface.

No. of Pages : 14 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : HUMIDITY BASED POWER GENERATOR AND A METHOD FOR PREPARING THE SAME

(51) International classification:H05K(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	(71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :SECTOR 125 NOIDA-201303, INDIA Uttar Pradesh India (72)Name of Inventor : 1)DR. V.K. JAIN
(87) International Publication No :NA	2)DR. KANCHAN SAXENA
(61) Patent of Addition to Application Number :NA	3)DR. AMIT KUMAR
Filing Date :NA	4)PRAMAOD KUMAR
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention provides a method and means for humidity based power generation. The humidity power generator (humidity voltaic cell) comprises a substrate having a sandwiched structure of atleast two films of pure conducting polymer and atleast one polymer nano-composite with an appropriate interface layer coated on any insulating substrate like glass. This generator is humidity sensitive and generates voltage and current on increasing humidity.

No. of Pages : 18 No. of Claims : 4

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMMUNICATION DEVICE COMMUNICATION CONTROL METHOD AND COMMUNICATION SYSTEM

(51) Internationalclassification(31) Priority Document No	:H04W40/00,H04L12/56,H04W4/04 :2010225079	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(32) Priority Date(33) Name of priority country	:04/10/2010 /:Japan	Japan (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/068289 :10/08/2011	1)KIMURA Ryota
(87) International Publication No	:WO 2012/046504	
(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 communication device including a communication control unit that inserts, into a destination field of a data packet, intermediate node designation information designating an intermediate node different from a destination node of the 5 data packet on a path to the destination node, and a transmission unit that transmits the data packet into which the intermediate node designation information is inserted.

No. of Pages : 84 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/06/2013

(54) Title of the invention : PRODUCTION OF RENEWABLE BIOFUELS

(43) Publication Date : 05/12/2014

(51) International classification	:C10L1/12,C10L1/188	(71)Name of Applicant :
(31) Priority Document No	:61/428613	1)KIOR INC.
(32) Priority Date	:30/12/2010	Address of Applicant :13001 Bay Park Rd. Pasadena TX
(33) Name of priority country	:U.S.A.	77507 U.S.A.
(86) International Application No	:PCT/US2011/067805	(72)Name of Inventor :
Filing Date	:29/12/2011	1)RAMIREZ CORREDORES Maria Magdalena
(87) International Publication No	:WO 2012/092468	2)SANCHEZ Vicente
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Renewable fuels are produced in commercial quantities and with enhanced efficiency by integrating a bio oil production system with a conventional petroleum refiner) so that the bio oil is co processed with a petroleum derived stream in the refinery. The techniques used to integrate the bio oil production system and conventional petroleum refineries are selected based on the quality of the bio oil and the desired product slate from the refinery.

No. of Pages : 23 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIRELESS MEASUREMENT TRANSMITTER WITH REPLACEABLE MODULE (51) International classification :G01D11/24,H01M2/10 (71)Name of Applicant : :12/971089 (31) Priority Document No 1)ROSEMOUNT INC. (32) Priority Date Address of Applicant :12001 Technology Drive Eden Prairie :17/12/2010 MN 55344 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/063891 (72)Name of Inventor: 1)ROBINSON Cory M. Filing Date :08/12/2011 (87) International Publication No :WO 2012/082511 2)MCGUIRE Chad M. (61) Patent of Addition to Application **3)CHHUOY Hun** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A measurement transmitter (100) includes a main housing body (102B) with a first cavity (104) closed by a first cover (102A) and a second cavity (106) closed by a second cover (102C). A measurement circuit assembly in the first cavity (104) includes power and service communication conductors (112) that extend through the main housing body (102B) to contacts (116) in the second cavity (106). A replaceable module (120) plugs into the contacts (116) in the second cavity (106) and includes a primary battery (150) and a service communication connector (122). The service communication connector (122) is exposed for connection to service equipment by removal of the second cover (102C).

No. of Pages : 24 No. of Claims : 16
(21) Application No.5028/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETECTING A MALFUNCTIONING TERMINAL

(51) International classification(31) Priority Document No(32) Priority Date	:H04W24/00,H04W24/02 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2010/051488	1)ANDERSSON Yngve
Filing Date	:28/12/2010	
(87) International Publication No	:WO 2012/091641	
(61) Patent of Addition to Application	.N. A	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and arrangement in a terminal evaluation unit for detecting a malfunctioning terminal in a cellular network is provided. Connection data is received from at least one network node in the cellular network wherein the connection data is referring to connections of terminals when present in cells of the cellular network. A mean connection drop rate is calculated based on the connection data for the terminals when present at least in a first cell during a preset time period. An individual connection drop rate which is associated with the first terminal is determined from the connection data. Deciding based on a ratio between the individual connection drop rate and the mean drop rate whether or not the first terminal is malfunctioning and providing the result from the deciding action to a cellular network operator for further evaluation.

No. of Pages : 36 No. of Claims : 20

(21) Application No.5476/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C07D 207/09	(71)Name of Applicant :
(31) Priority Document No	:60/585,995	1)BIOCON LIMITED
(32) Priority Date	:07/07/2004	Address of Applicant : AT 20TH KM HOSUR ROAD,
(33) Name of priority country	:U.S.A.	ELECTRONIC CITY P.O, BANGALORE-560100, INDIA
(86) International Application No	:PCT/US05/024109	Karnataka India
Filing Date	:07/07/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/014549	1)JENNIFER A. RIGGS-SAUTHIER
(61) Patent of Addition to Application	٠NA	2)NNOCHIRI N. EKWURIBE
Number	·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:976/DELNP/2007	
Filed on	:06/02/2007	

(54) Title of the invention : METHOD FOR PREPARING COMPOUND OF FORMULA (I)

(57) Abstract :

Methods are disclosed for preparing compounds of Formula I: where R1,R3, and R are independently hydrogen or C1 to C4 alkyl, and R is: where R5 is selected from the group consisting of hydrogen and C1 to C4 alkyl, or where R, R and R are independently hydrogen or C| to C4 alkyl; or the esters or pharmacologically acceptable salts thereof. The methods can involve converting a suitably functionalized aniline compound to a diazonium salt (which aniline compound can be first formed by reduction of a nitrobenzene) and coupling the diazonium salt with a suitably functionalized benzene compound. The suitably functionalized aniline compound either includes a primary alcohol or aldehyde group, which is then oxidized to a carboxylic acid group, or includes a nitrite or amide group, which is hydrolyzed to a carboxylic acid group. The methods can also involve the direct coupling (via reduction of nitro groups to form an azo linkage) of suitably functionalized nitrobenzenes. The compounds and or their metabolites can be used to treat or prevent various diseases, particularly inflammatory conditions of the GI tract.

No. of Pages : 30 No. of Claims : 26

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HETEROPHASIC POLYOLEFIN COMPOSITION HAVING IMPROVED FLOWABILITY AND IMPACT STRENGTH

 (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 	:C08L23/10 :11001637.5 :28/02/2011 :EPO :PCT/EP2011/005657 :10/11/2011 :WO 2012/116719 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BOREALIS AG Address of Applicant :IZD Tower Wagramerstrasse 17 19 A 1220 Wien Austria (72)Name of Inventor : 1)SANDHOLZER Martina 2)KNALL Astrid Caroline
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(57) Abstract :

The present invention relates to a heterophasic polyolefin composition having improved flowability and impact strength but also an excellent impact/stiffness balance and a low amount of a hexane extractable fraction to a process for its preparation articles made therefrom and uses thereof. The heterophasic polyolefin composition comprises a matrix comprising a propylene homo and/or copolymer and an elastomeric ethylene/alpha olefin phase dispersed in the matrix the heterophasic polyolefin composition comprising monomer units derived from an oligomeric diene compound and having a hexane extractable fraction in an amount of not more than 10 % measured from compression moulded sheets at 50 °C and 30 min. and an MFR (2.16 kg 230 °C ISO 1133) of 8 to 80g/10min. The heterophasic polyolefin composition may be used for extrusion injection moulding blow moulding injection stretch blow moulding cast film extrusion or thermoforming.

No. of Pages : 36 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHODS INVOLVING FABRICATING SHEET PRODUCTS (51) International classification :D21F9/04,D21F5/00 (71)Name of Applicant : (31) Priority Document No 1)GEORGIA PACIFIC CONSUMER PRODUCTS LP :61/443013 (32) Priority Date Address of Applicant :133 Peacthree Street N.E. Atlanta :15/02/2011 (33) Name of priority country Georgia 30303 U.S.A. :U.S.A. :PCT/US2012/023255 (72)Name of Inventor : (86) International Application No 1)CHOU Hung Liang Filing Date :31/01/2012 (87) International Publication No :WO 2012/112295 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system for fabricating a sheet product includes a first rotatable roller assembly operative to emit a pressurized fluid through an outer surface of the first rotatable roller assembly and a second rotatable roller assembly having an outer surface arranged proximate to the outer surface of the first rotatable roller assembly the second rotatable roller assembly and the first rotatable roller assembly are operative to rotate in opposing directions the second rotatable roller assembly and the first rotatable roller assembly defining a gap therebetween through which a sheet material passes in contact with the outer surface of the first rotatable roller assembly the emitted pressurized fluid operative to impinge a surface of the sheet material and separate contact between the outer surface of the first rotatable roller assembly the emitted pressurized fluid operative to impinge a surface of the sheet material and separate contact between the outer surface of the first rotatable roller assembly and the sheet material.

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

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A MOBILE ROBOT		
(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANIZATION [DRDO]
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence Govt. of India
(86) International Application No	:NA	Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi
Filing Date	:NA	110105 India. India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KRISHNAMURTHY RAMESH
Filing Date	:NA	2)SARTAJ SINGH
(62) Divisional to Application Number	:NA	3)SUBHASHISA SAHOO
Filing Date	:NA	4)BABU DAMLA JADHAV

(57) Abstract :

The present disclosure provides a mobility assistance mechanism for the robotic system to transmit rotating motions from one assembly to other assembly on a common axis, and a robotic system employing said mobility assistance mechanism. The robotic system comprises a first track assembly, second track assembly and at least one flipper assembly. The robotic system further includes a main track motor and the flipper motor to drive the robotic system and the flipper assembly.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 05/12/2014

 (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 	:G06Q10/00 :61/405827 :22/10/2010 :U.S.A. :PCT/US2011/045230 :25/07/2011 :WO 2012/054113 :NA :NA :NA :NA	 (71)Name of Applicant : 1)EXXONMOBIL UPSTREAM RESEARCH COMPANY Address of Applicant :CORP URC SW 359 P.O. Box 2189 Houston TX 77252 2189 U.S.A. (72)Name of Inventor : 1)EL BAKRY Amr 2)BECKER Kelly E. 3)CRAWFORD Mark L. 4)HOLLOWAY Bryce A. 5)MORRELL Glenn O. 6)PECZAK Pawel 7)SONG Limin 8)USADI Adam K.
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(54) Title of the invention : ASSET CONTROL AND MANAGEMENT SYSTEM

(57) Abstract :

An embodiment provides a method for managing a hydrocarbon asset. The method includes creating an interactive community of agents wherein each agent comprises code and functional data structures configured to direct a processor to access resource on a network. At least one of the agents is configured to be a workflow agent wherein the workflow agent is configured to pursue a plan to accomplish a goal. The workflow agent is provided with sensors to determine environmental conditions. The workflow agent is provided with the ability to communicate with other intelligent agents. The workflow agent is configured to select the plan based at least in part on information obtained from the sensors.

No. of Pages : 50 No. of Claims : 31

(21) Application No.5481/DELNP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FORMULATIONS OF FLUORESCENT WHITENING AGENTS IN DISPERSED FORM

 (51) International classification :D (31) Priority Document No :11 (32) Priority Date :20 (33) Name of priority country :E1 (86) International Application No :P0 Filing Date :04 (87) International Publication No :W (61) Patent of Addition to Application Number :N Filing Date :04 (62) Divisional to Application :N 	D06L3/12,D06P1/00,D06P1/22 11151511.0 20/01/2011 EPO PCT/EP2012/050098 04/01/2012 WO 2012/098015 NA NA NA	 (71)Name of Applicant : 1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GmbH Address of Applicant :Legal Services Department Klybeckstrasse 200 CH 4057 Basel Switzerland (72)Name of Inventor : 1)GRUETTER Serge 2)DONZE Jean Jacques 3)SCHROEDER Serge 4)FREY Andrea
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(57) Abstract :

The present invention relates to an aqueous dispersion containing (a) a fluorescent whitening agent (b) a dispersing agent (c) a 1 3 glucan and optionally (d) a vat dye and the use of the aqueous dispersions for whitening synthetic fibres in particular polyester and polyacrylonitrile.

No. of Pages : 17 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LATTICE CUTTING 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 	:B26D1/18 :61/429839 :05/01/2011 :U.S.A. :PCT/US2012/020110 :03/01/2012 :WO 2012/094344	 (71)Name of Applicant : 1)J.R. SIMPLOT COMPANY Address of Applicant :One Capital Center 999 Main Street Suite 1300 Boise ID 83702 U.S.A. (72)Name of Inventor : 1)WALKER David B. 2)NEEL Allen J.
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A lattice cutting or slicing machine includes a multi knife lattice cutting plate mounted in line along an hydraulic flow path through which vegetable products such as potatoes are propelled in single file by a hydraulic fluid such as water. The lattice cutting plate is orbitally driven for engaging in succession each of the multiple knives thereon with the vegetable product to form lattice cut slices wherein successive generally corrugated cuts are angularly oriented typically perpendicular to each other and further wherein the depths or troughs of the corrugated cuts on opposite sides of each slice intersect in the preferred form to define a pattern of corrugations interrupted by small openings.

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

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING ALKALI METAL AMMONIUM CHROMATE DOUBLE SALTS

(51) International classification	:C01G37/00,C01G37/14,C01G37/033	(71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH
(31) Priority Document No	:10196120.9	Address of Applicant :51369 Leverkusen Germany
(32) Priority Date	:21/12/2010	(72)Name of Inventor :
(33) Name of priority	·EDO	1)ORTMANN Rainer
country	.EFO	2)STENGER Matthias
(86) International	·DCT/ED2011/073656	3)FRIEDRICH Holger
Application No	.1 C1/E1 2011/075050	4)VAN ROOYEN Daniel
Filing Date	.21/12/2011	5)KALIDEEN Naveen
(87) International	·WO 2012/085129	6)BOLL Matthias
Publication No	. WO 2012/00012/	
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date	.1 17 1	
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date	.1 1/ 1	

(57) Abstract :

The invention relates to a method for producing alkali metal ammonium chromate double salts of the formula M (NH) Cr0 or hydrates thereof where M stands for Na or K wherein Na is especially preferred x stands for a number from 0.1 to 0.9 preferably from 0.4 to 0.7 y stands for a number from 1.1 to 1.9 preferably from 1.3 to 1.6 and the sum of x and y is 2 comprising the following steps: a) reacting alkali metal dichromate and ammonia in an aqueous medium and precipitating the obtained alkali metal ammonium chromate double salt b) separating the alkali metal ammonium chromate double salt obtained in step a) from the mother liquor c) reacting the mother liquor containing alkali metal monochromate obtained from step b) with carbon dioxide possibly after said mother liquor has been concentrated and precipitating the alkali metal hydrogen carbonate arising from the reaction d) separating the alkali metal hydrogen carbonate obtained alkali metal dichromate obtained from step d) to step a).

No. of Pages : 18 No. of Claims : 7

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACCESSIBILITY OF GRAPHICS PROCESSING COMPUTE RESOURCES

(51) International classification	·G06F9/48	(71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC
(31) Priority Document No	·61/A22/45/	Address of Applicant One AMD Place Suppyyale CA 94088
(32) Priority Date	:13/12/2010	U.S.A.
(33) Name of priority country	:U.S.A.	2)ATI TECHNOLOGIES ULC
(86) International Application No	:PCT/US2011/063235	(72)Name of Inventor :
Filing Date	:05/12/2011	1)MCCRARY Rex
(87) International Publication No	:WO 2012/082421	2)HOUSTON Michael
(61) Patent of Addition to Application	•NT A	3)ROGERS Philip J.
Number		4)CHENG Jeffrey G.
Filing Date	INA	5)HUMMEL Mark
(62) Divisional to Application Number	:NA	6)MOORE Chuck
Filing Date	:NA	7)VANDOORN Leendert
-		8)BLINZER Paul

(57) Abstract :

A method system and computer program product are disclosed for providing improved access to accelerated processing device compute resources to user mode applications. The functionality disclosed allows user mode applications to provide commands to an accelerated processing device without the need for kernel mode transitions in order to access a unified ring buffer. Instead applications are each provided with their own buffers which the accelerated processing device hardware can access to process commands. With full operating system support user mode applications are able to utilize the accelerated processing device in much the same way as a CPU.

No. of Pages : 47 No. of Claims : 22

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL ADDITIVE CONTAINING A DISPERSION OF IRON PARTICLES AND AN AMMONIUM POLYESTER DETERGENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C10L1/10,C10L10/06,B01J13/00 :1061063 :22/12/2010 :France	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2011/073266 :19/12/2011 :WO 2012/097937	2)THE LUBRIZOL CORPORATION (72)Name of Inventor : 1)DALENCON Lauriane 2)LALLEMAND Michael 3)HARLE Virginie
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)MORETON David J. 5)MACDUFF Malcolm G.J. 6)PUDLARZ Magali 7)GREENFIELD Hannah 8)THETFORD Dean 9)JONES Joanne L.

(57) Abstract :

The invention relates to a composition containing an additive for assisting particle filter regeneration in the form of an organic dispersion of iron particles and a detergent comprising a polyester quaternary ammonium salt.

No. of Pages : 51 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C07C35/18	(71)Name of Applicant :
(31) Priority Document No	:61/424332	1)NEO ONCOLOGY INC.
(32) Priority Date	:17/12/2010	Address of Applicant :21700 Oxnard St. Woodland Hills CA
(33) Name of priority country	:U.S.A.	91367 U.S.A.
(86) International Application No	:PCT/US2011/065513	(72)Name of Inventor :
Filing Date	:16/12/2011	1)CHEN Thomas
(87) International Publication No	:WO 2012/083178	2)LEVIN Daniel
(61) Patent of Addition to Application	·NIA	3)PUPPALI Satish
Number		4)DICKMAN Daniel A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : METHODS AND DEVICES FOR USING ISOPERILLYL ALCOHOL

(57) Abstract :

The present invention provides for a method of treating a disease such as cancer comprising the step of administering to a patient a therapeutically effective amount of an isomer or analog of monoterpene or sesquiterpene (or its derivative) such as an isoperillyl alcohol. The present invention also provides for a method of treating a disease comprising the step of administering to a patient a therapeutically effective amount of a derivative of an isomer or analog of monoterpene or sesquiterpene such as an isoperillyl alcohol carbamate. The derivative may be an isoperillyl alcohol conjugated with a therapeutic agent such as a chemotherapeutic agent. The route of administration may vary including inhalation intranasal oral transdermal intravenous subcutaneous or intramuscular injection.

No. of Pages : 63 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A GAS PARTICLE PROCESSOR		
 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (51) International Publication No (51) International Publication No (51) International Publication (526B17/00,B01J8/08,F26B21/00 (2010905233 (26/11/2010 (Australia (PCT/AU2011/001524 (25/11/2011 (WO 2012/068631 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Data (NA NA NA 	(71)Name of Applicant : 1)POTTER Owen Address of Applicant :835 Riversdale Road Camberwell Victoria 3124 Australia (72)Name of Inventor : 1)POTTER Owen	

(57) Abstract :

A gas particle processor comprising: a chamber having a gas inlet a gas outlet and one or more particle inlets; a gas flow arrangement operable to flow gas through the chamber from the gas inlet to the gas outlet at a first controlled mass flowrate; and a particle flow arrangement operable to introduce particles in one or more streams into the chamber at a second controlled mass flowrate each particle stream flowing through respective processing regions in the chamber wherein the processor is operable to control the first and/or second controlled mass flowrates to provide a gas particle mixture porosity in a substantial portion of each processing region of 0.900 0.995.

No. of Pages : 33 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEAT INSULATION MATERIAL AND PRODUCTION METHOD FOR 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 	:C04B32/00,C04B38/00,C01B33/18 :2010290900 :27/12/2010 :Japan :PCT/JP2011/073006 :05/10/2011	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)IITSUKA Chihiro 2)NIIRO Hideaki
 (87) International Fublication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/090567 :NA :NA :NA :NA	

(57) Abstract :

s2The purpose of the present invention is to provide a powder for which issues with conventional technology have been taken into consideration that is capable of suppressing the occurrence of scattering or forming faults during forming or filling and which displays sufficient heat insulation properties. Provided is a heat insulation material in a powder form that includes silica and/or aluminum and a plurality of small particles with a particle diameter (D) of 5 30 nm and a BET specific surface area of 5 150 m/g and which has a heat transfer rate of 0.05 W/m·K max. at 30°C.

No. of Pages : 112 No. of Claims : 20

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TECHNIQUE FOR MANAGING MEASUREMENTS FOR MULTIPLE SUBSCRIPTIONS IN A MOBILE TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application (31) Patent of Addition to Application (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Priority Date (36) International Publication No (37) International Publication No (38) Priority Country (39) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Priority Date (36) Patent of Addition to Application (37) NA (38) Priority Date (38) Priority Date (39) Priority Date (30) Priority Date (31) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date<!--</td--><td>Address of Applicant :S 164 83 Stockholm Sweden</td> (72)Name of Inventor : 1)LINDOFF Bengt 2)NILSSON Johan 3)-STBERG Christer 4)LINCOLN Bo	Address of Applicant :S 164 83 Stockholm Sweden

(57) Abstract :

A technique for managing measurements for at least two subscriptions in a mobile terminal is described. A method implementation of this technique performed in the mobile terminal comprises the steps of determining a common carrier set being an intersection between the first carrier set associated with a first subscription and the second carrier set associated with at least one second subscription performing a first measurement on the first carrier set and the second measurement on the second carrier set excluding the common carrier set and mapping results associated with the first measurement of the first subscription relating to the common carrier set to the at least one second subscription.

No. of Pages : 19 No. of Claims : 24

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PREPARING 2 AMINOBENZAMIDE DERIVATIVES

NA 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 	:C07C231/10,C07D231/14 :61/437280 :28/01/2011 :U.S.A. :PCT/US2012/022899 :27/01/2012 :WO 2012/103436 :NA :NA	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor : 1)KRISTJANSDOTTIR Sigridur Soley 2)SHAPIRO Rafael 3)OBERHOLZER Matthew Richard
Filing Date :NA	Filing Date	:NA	
(62) Divisional to Application Number :NA	(62) Divisional to Application Number	:NA	
Filing Date :NA	Filing Date	:NA	

(57) Abstract :

A method for preparing a compound of Formula (1) comprising contacting a compound of Formulae (2) and (3) in the presence of a palladium source a ligand a base and carbon monoxide wherein R R X and R are as defined in the disclosure. A method for preparing a compound of Formula 5 wherein R R R R R R and Z are as defined in the disclosure using a compound of Formula (1) characterized by preparing a compound of Formula (1) by the method disclosed above or using a compound of Formula (1) prepared by the method above.

No. of Pages : 43 No. of Claims : 15

(21) Application No.5410/DELNP/2013 A

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SOLID RETARD FORMULATIONS BASED ON SOLID DISPERSIONS

(57) Abstract :

A formulation comprising a melt processed solid dispersion product comprising an active agent a pharmaceutically acceptable thermoplastic polymer of N vinyl lactams and a pharmaceutically acceptable polyvinyl alcohol polyalkylene glycol graft copolymer. A method for producing said formulation.

No. of Pages : 28 No. of Claims : 10

(21) Application No.5411/DELNP/2013 A

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (32) Priority Date (32) Priority Date (32) Priority Date (33) Name of priority country (31) Priority Date (32) Priority Date (32) Priority Date (33) Name of priority country (34) Priority Date (35) Priority Date (36) International Application No (37) Priority Country (31) Priority Date (32) Priority Date (33) Name of priority country (31) Priority Date (32) Priority Date (33) Name of priority country (31) Priority Date (32) Priority Date (33) Name of priority country (31) Priority Date (32) Priority Date (33) Name of priority country (34) Priority Date (35) Priority Date (36) International Application Number (37) Priority Date (36) International to Application Number (37) Priority Date (36) Priority Date (37) Priority Date (36) Priority Date (37) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (37) Priority Date (38) Prior	H8/00(71)Name of Applicant : 1)SHELL OIL COMPANY Address of Applicant :One Shell Plaza P.O. Box 2463 Houston Texas 77252 2463 U.S.A. 2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (72)Name of Inventor : 1)POWELL Joseph Broun 2)CHHEDA Juben Nemchand	
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(54) Title of the invention : PROCESS TO PRODUCE BIOFUELS FROM BIOMASS

(57) Abstract :

(19) INDIA

Processes to produce biofuels from biomass is provided where the biomass is contacted with an aqueous media to form a extracted biomass and at least a portion of an aqueous liquor separated from the extracted biomass containing soluble carbohydrate is treated with a purification substrate to form a treated carbohydrate stream having less than 35% of the sulfur content and less than 35% of the nitrogen content based on the untreated aqueous liquor stream prior to contact with a hydrogenolysis catalyst to form a plurality of oxygenated intermediates that can be further processed to form a liquid fuel. An extracted biomass solids stream is also separated from the extracted biomass which is contacted with a first digestive solvent to form a pretreated biomass comprising celluloses and residual hemicelluloses and then a second digestive solvent to form a solubilized pulp comprising soluble carbohydrates. This solubilized pulp may be combined with the aqueous liquor stream or combined to a hydrogenolysis reaction system or recycled to the aqueous media to be processed further for an effective process to produce the liquid fuel. At least a portion of the oxygenated intermediates is used as the second digestive solvent.

No. of Pages : 58 No. of Claims : 12

(21) Application No.5504/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H05B3/14	(71)Name of Applicant :
(31) Priority Document No	:10252224.0	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:24/12/2010	Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchatel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/073587	(72)Name of Inventor :
Filing Date	:21/12/2011	1)PLOJOUX Julien
(87) International Publication No	:WO 2012/085082	2)GREIM Olivier
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REDUCED CERAMIC HEATING ELEMENT

(57) Abstract :

An electrical heating element comprising a main body (10) comprising a ceramic material and an electrically conductive layer (18) on the surface of the main body comprising a reduced form of the ceramic material the electrically conductive layer having first and second contact portions (20 22) for connection to a voltage source and at least one electrically conductive pathway between the first and second contact portions. To form the electrically conductive layer the heating element main body (10) is placed in a reducing environment at sufficient temperature to form the conductive layer (18) on the surface of the main body.

No. of Pages : 12 No. of Claims : 15

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FORMULATION 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 	:C07C233/65,C07C233/69,A01N25/00 :1101209.3 :24/01/2011 :U.K. :PCT/EP2011/071251 :29/11/2011 :WO 2012/100865 :NA	 (71)Name of Applicant : 1)SYNGENTA LIMITED Address of Applicant :European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K. (72)Name of Inventor : 1)BELL Gordon Alastair 2)RAMSAY Julia Lynne 3)STOCK David 4)TAYLOR Philip
(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 agrochemical compositions comprising certain benzamide compounds and to the use of those benzamide compounds as adjuvants especially in formulations in particular in agrochemical formulations and in environmentally friendly formulations. The invention further extends to certain novel benzamide compounds and a process to prepare such novel compounds.

No. of Pages : 24 No. of Claims : 21

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HOT AND COLD BEVERAGE DISPENSER (51) International classification :A47J31/41,A47J31/40,A47J31/56 (71)Name of Applicant : (31) Priority Document No :12/959123 1)PEPSICO INC. (32) Priority Date :02/12/2010 Address of Applicant :700 Anderson Hill Road Purchase NY (33) Name of priority country :U.S.A. 10577 U.S.A. (86) International Application (72)Name of Inventor : :PCT/US2011/060749 No 1)LI Xuejun :15/11/2011 Filing Date 2)SEGIET William W. (87) International Publication 3)UBIDIA Fernando A. :WO 2012/074736 No 4)LEWIS John F. (61) Patent of Addition to 5)STEIN Aaron M. :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An apparatus (100) and method may be configured for detecting selection between a hot version and a cold version of a beverage causing opening of a first of a plurality of valves (212 214) and closing of a second of the plurality of valves (234 236) for providing water to a first of a plurality of mixing chambers (220 238) on the selection causing delivery of beverage concentrate to the first mixing chamber controlling a flow rate of the water and a flow rate of the beverage concentrate into the mixing chamber for mixing of the water with the beverage concentrate in a controlled ratio to create the beverage and dispensing the beverage from the mixing chamber.

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

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITIONS AND METHODS OF ALOE POLYSACCHARIDES

(51) International	:A61K36/886,A61K31/715,A61K9/14	(71)Name of Applicant :
(21) Priority Document No.	·NA	Address of Applicant :222 South West Second Street Suite
(32) Priority Date	·NA	201 Grand Prairie TX 75051 1770 U.S. A
(33) Name of priority	.11A	(72)Name of Inventor •
country	:NA	1)DANHOF Ivan E.
(86) International Application No Filing Date	:PCT/US2011/020402 :06/01/2011	
(87) International Publication No	:WO 2012/094010	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention describes a method for preparing a polymannan extract from freeze dried aloe powder. The polymannan extract of the present invention is further used to formulate a sterile injectable formulation for the treatment of one or more cancers leukemias and lymphomas prostate cancer breast cancer and colon cancer immune diseases particularly immune related neoplasms acquired immune deficiency syndrome and hepatitis C.

No. of Pages : 34 No. of Claims : 48

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RECOVERY OF A SYSTEM FOR POLICY CONTROL AND CHARGING SAID SYSTEM HAVING A REDUNDANCY OF POLICY AND CHARGING RULES FUNCTION

(51) Internationalclassification(31) Priority Document No.	:H04L12/14,H04M15/00,H04W4/24	(71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant : S 164 83 Stockholm Sweden
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	v:NA	1)FERNANDEZ ALONSO Susana
(86) International Application No Filing Date	PCT/IB2011/050099 10/01/2011	2)CASTRO CASTRO Fabian
(87) International Publication No	:WO 2012/095697	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A first Policy and Charging Rules Function PCRF server for recovery of a Policy and Charging Control PCC system. The PCC system also has a second PCRF server previously in charge of controlling an Internet Protocol Connectivity Access Network IP CAN session previously established with a UE and a PCRF client. The first PCRF server includes a network interface unit of the first PCRF server arranged for receiving a modification request of the IP CAN session from the PCRF client after failure of the second PCRF server which was in active mode. The first PCRF server has a PCRF identifier which is shared with the second PCRF server that has failed. The first PCRF server now in active mode. The modification request requesting new rules for the IP CAN session including modification data and excluding access data and supported features for the IP CAN session. The first PCRF server includes a processing unit of the first PCRF server arranged for determining that the IP CAN session is unknown and arranged for submitting a request from the network interface unit of the first PCRF server to the PCRF client to provide all information that the PCRF client has regarding the IP CAN session. The information includes all data required to be sent for the IP CAN session establishment and synchronization data. A Policy and Charging Control PCC system with a first POIcy and Charging Control PCC system. Methods for recovery of a Policy and Charging Control PCC system with a first POIcy and Charging Rules Function PCRF server in standby mode a second PCRF server in active mode and a PCRF client wherein an IP CAN session is already established with a UE and controlled by the second PCRF server. A computer program embodied on a computer readable medium for recovery of a Policy and Charging Control PCC system.

No. of Pages : 31 No. of Claims : 21

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRONIC ELECTRICITY METER WITH INTEGRATED DIGITAL CERTIFICATION MECHANISM FOR SECURE 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G08C17/02,G01R19/00,H04L9/14 :PI10069518 :25/11/2010 :Brazil :PCT/BR2011/000436 :25/11/2011 :WO 2012/068656 :NA :NA :NA	 (71)Name of Applicant : LIGHT SERVI‡OS DE ELETRICIDADE S/A Address of Applicant : Avenida Marechal Floriano 168 Centro 20080 002 Rio de Janeiro RJ Brazil 2)CAS TECNOLOGIA S/A 3)INSTITUTO DE TECNOLOGIA PARA O DESENVOLVIMENTO LACTEC 4)FUNDA‡fO CPQD CENTRO DE PESQUISA E DESENVOLVIMENTO EM TELECOMUNICA‡OES (72)Name of Inventor : 1)TOLEDO F;bio de Oliveira 2)JACOMETTI Welson Rgis 3)RIELLA Rodrigo Jardim 4)SARAIVA Celso Pinto
Number Filing Date	:NA	

(57) Abstract :

Electronic electricity meter with integrated digital certification mechanism for secure communication comprising current sensors 1(a) voltage sensors (b) electronic circuit (c) for conditioning the current signals and voltage signals in the electrical levels required by the processing unit (d) processing unit (d) able to continuously sample the current signals and voltage signals provided by the circuit (c) and that reflect using a known ratio the real value of the current and voltage delivered to the meter connection terminals the processing unit (d) calculates the active and passive through energy and determines the energy values to be counted and a communication unit (e) linked to the processing unit (d) which uses a digital data protocol and a physical interface to communicate with the world outside the meter and a processing unit with digital certification functions (I) located between the processing unit (d) and the communication unit (e) in which the processing unit with digital verification functions (UPFCD) is intended to encrypt and sign all of the data made available using the data protocol of the communication unit (e) to the outside world such that the electronic relationship with the meter in terms of data communication is governed by the use of the digital certification technique natively and non separably.

No. of Pages : 26 No. of Claims : 4

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COVALENTLY ATTACHED ANTIMICROBIAL POLYMERS

(51) International		(71)Name of Applicant :
classification	:C08F291/18,C08F292/00,C08F8/00	1)UNIVERSIT,,TSKLINIKUM FREIBURG
(31) Priority Document No	:10016218.9	Address of Applicant :Hugstetter Str. 49 79095 Freiburg
(32) Priority Date	:30/12/2010	Germany
(33) Name of priority country	:EPO	2)ALBERT LUDWIGS UNIVERSIT,,T FREIBURG
(86) International	·PCT/FP2011/073786	(72)Name of Inventor :
Application No	.22/12/2011	1)STEINBERG Thorsten
Filing Date	.22/12/2011	2)LIENKAMP Karen
(87) International Publication	·WO 2012/089617	3)TOMAKIDI Pascal
No		4)AL AHMAD Ali
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date		
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date	.1 1/ 1	

(57) Abstract :

The present invention relates to substrates comprising covalently attached antimicrobial polymers which act as synthetic mimics of antimicrobial peptides (SMAMPs) and are preferably obtained by ring opening metathesis polymerization (ROMP). The inventive antimicrobial polymers exhibit a molecular weight of more than 100 000 g mol and are preferably covalently attached to the surface of a substrate e.g. an implant a medical device medical equipment or a (tissue supporting) biomaterial etc. Covalent bonding may be carried out using a photoreactive crosslinker but also by grafting onto or grafting from. The present invention is also directed to uses of the inventive antimicrobial polymers as defined herein e.g. for antimicrobially coating a surface of such a substrate with a layer of the inventive antimicrobial polymer.

No. of Pages : 58 No. of Claims : 14

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR SYNCHRONOUS OPERATION OF A PROCESSING 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 	:G06F9/48 :61/423689 :16/12/2010 :U.S.A. :PCT/US2011/064162 :09/12/2011 :WO 2012/082553 :NA :NA :NA :NA	 (71)Name of Applicant : ADVANCED MICRO DEVICES INC. Address of Applicant :One Amd Place Sunnyvale CA 94088 U.S.A. (72)Name of Inventor : HARTOG Scott TAYLOR Clay MANTOR Mike NUSSBAUM Sebastien MCCRARY Rex LEATHER Mark JAYASENA Nuwan MCGRATH Kevin ROGERS Philip J. WOLLER Thomas
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(57) Abstract :

Embodiments of the present invention provide a method of synchronous operation of a first processing device and a second processing device. The method includes executing a process on the first processing device responsive to a determination that execution of the process on the first device has reached a serial parallel boundary passing an execution thread of the process from the first processing device to the second processing device and executing the process on the second processing device.

No. of Pages : 26 No. of Claims : 19

(21) Application No.5509/DELNP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOUNDS AND METHODS FOR SKIN REPAIR

(51) International classification	:A61K31/381,A61K31/343,A61K9/00	(71)Name of Applicant : 1)ALLERGAN INC.
(31) Priority Document No	:61/419115	Address of Applicant :2525 Dupont Drive Irvine CA 92886
(32) Priority Date	:02/12/2010	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :1)BURK Robert M.
(86) International Application No Filing Date	:PCT/US2011/062691 :30/11/2011	2)IM Wha Bin 3)WHITCUP Scott M.
(87) International Publication No	:WO 2012/075174	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure provides compositions and methods for treating a skin blemish. The compositions comprise a therapeutically effective amount of a compound useful for treating skin blemishes such as wounds scars and wrinkles.

No. of Pages : 41 No. of Claims : 26

(21) Application No.5510/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : APPARATUS FOR PRODUCING ABSORBENTS

 (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 	:A61F13/15,A61F13/49,A61F13/53 :2010283339 :20/12/2010 :Japan :PCT/JP2011/078900 :14/12/2011 :WO 2012/086491 :NA :NA	 (71)Name of Applicant : 1)Kao Corporation Address of Applicant :14 10 Nihonbashi Kayaba cho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)MOTEGI Tomoyuki 2)MARUYAMA Hiroshi 3)MORITA Akio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The apparatus for producing absorbents is provided with a duct (4) that supplies absorbent starting material carried on an air stream and a vacuum depositing part (22) that deposits said absorbent starting material by suction and is configured so that after depositing the absorbent starting material on the vacuum depositing part (22) while advancing the vacuum depositing part (22) in one direction the deposited product is released from the vacuum depositing part (22). The vacuum depositing part (22) is divided into multiple recesses (221 227) the bottoms of which are provided with a suction region obtained from a porous material and has high density deposit regions where absorbent starting material is deposited to a high density deposit regions. For the recesses (221 222 224 227) disposed in the low density deposit regions the ratio of the area of the suction region with respect to the area of the opening is smaller than the ratio of the area of the suction region (223e) with respect to the area of the opening (223d) for recesses disposed in the high density deposit regions (223).

No. of Pages : 48 No. of Claims : 14

(21) Application No.5511/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

:D01F1/07,D01F2/00	(71)Name of Applicant :
:A 2096/2010	1)LENZING AG
:20/12/2010	Address of Applicant :Werkstrae 2 A 4860 Lenzing Austria
:Austria	(72)Name of Inventor :
:PCT/AT2011/000489	1)RF Hartmut
:09/12/2011	2)BISJAK Clemens
:WO 2012/083318	3)KRONER Gert
·NA	
·NA	
.117	
:NA	
:NA	
_	:D01F1/07,D01F2/00 :A 2096/2010 :20/12/2010 :Austria :PCT/AT2011/000489 :09/12/2011 :WO 2012/083318 :NA :NA :NA :NA

(54) Title of the invention : FIREPROOF CELLULOSIC MAN MADE FIBERS

(57) Abstract :

The invention relates to a flame retardant cellulosic man made fiber containing a flame retardant substance in the form of an oxidized condensate from a tetrakis(hydroxyalkyl) phosphonium salt having ammonia and/or a compound containing nitrogen which compound contains one or more amine groups wherein the fiber has a strength of more than 18 cN/tex in the conditioned state. The invention further relates to a production method and to the use of the fibers according to the invention.

No. of Pages : 21 No. of Claims : 24

(19) INDIA(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS FOR TREATING DISEASES OF THE RETINA

(51) International alogaification	· A (1V21/5512 A (1D27/02	(71)Nome of Annihoont
(51) International classification	A01K31/3313,A01P2//02	(71)Name of Applicant:
(31) Priority Document No	:61/419660	1)ALLERGAN INC.
(32) Priority Date	:03/12/2010	Address of Applicant :2525 Dupont Drive Irvine California
(33) Name of priority country	:U.S.A.	92886 U.S.A.
(86) International Application No	:PCT/US2011/061370	(72)Name of Inventor :
Filing Date	:18/11/2011	1)KUSARI Jyotirmoy X.
(87) International Publication No	:WO 2012/074788	2)ZHOU Sheila X.
(61) Patent of Addition to Application	·NI A	3)TIAN Mingting
Number		4)PADILLO Edwin U.
Filing Date	.NA	5)RAO Sandhya S.
(62) Divisional to Application Number	:NA	6)GIL Daniel W.
Filing Date	:NA	7)WHEELER Larry A.

(57) Abstract :

Disclosed herein is a method of treating disorders of the retina comprising administering to a patient in need of such treatment a compound selected from the group consisting of olanzapine certain of its metabolites clozapine and n desmethyl clozapine.

No. of Pages : 32 No. of Claims : 6

(21) Application No.5513/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C10L1/00,C10G3/00 :61/424791 :20/12/2010 :U.S.A. :PCT/US2011/066101 :20/12/2011 :WO 2012/088078 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHELL OIL COMPANY Address of Applicant :One Shell Plaza P.O. Box 2463 Houston TX 77252 2463 U.S.A. 2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (72)Name of Inventor : 1)POWELL Joseph Broun 2)CHHEDA Juben Nemchand
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(54) Title of the invention : PROCESS TO PRODUCE BIOFUELS FROM BIOMASS

(57) Abstract :

Processes to produce biofuels from biomass is provided where the biomass is contacted with an aqueous media to form a extracted biomass and at least a portion of an aqueous liquor separated from the extracted biomass containing soluble carbohydrate is treated with a purification substrate to form a treated carbohydrate stream having less than 35% of the sulfur content and less than 35% of the nitrogen content based on the untreated aqueous liquor stream prior to contact with an aqueous phase reforming catalyst to form a plurality of oxygenated intermediates that can be further processed to form a liquid fuel. An extracted biomass solids stream is also separated from the extracted biomass which is contacted with a first digestive solvent to form a pretreated biomass comprising celluloses and residual hemicelluloses and then a second digestive solvent to form a solubilized pulp comprising soluble carbohydrates. This solubilized pulp may be combined with the aqueous liquor stream or combined to an aqueous reforming reaction system or recycled to the aqueous media to be processed further for an effective process to produce the liquid fuel. At least a portion of the oxygenated intermediates is used as the second digestive solvent.

No. of Pages : 58 No. of Claims : 12

(21) Application No.5425/DELNP/2013 A

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NANOWIRE EPITAXY ON A GRAPHITIC SUBSTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:H01L21/02,H01L29/06,B82Y40/00 :1021112.6 :13/12/2010 :U.K. PCT/EP2011/072612 :13/12/2011 :WO 2012/080252 :NA :NA	 (71)Name of Applicant : NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU) Address of Applicant :Semsaelandsvei 14 N 7491 Trondheim Norway (72)Name of Inventor : WEMAN Helge FIMLAND Bj,rn Ove KIM Dong Chul
Number Filing Date	:NA :NA	

(57) Abstract :

A composition of matter comprising at least one nanowire on a graphitic substrate said at least one nanowire having been grown epitaxially on said substrate wherein said nanowire comprises at least one group III V compound or at least one group II VI compound or comprises at least one non carbon group (IV) element.

No. of Pages : 35 No. of Claims : 21

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM FOR STEERING ABOUT ITS AXES OF ROTATION A MOVING BODY PROPELLED BY JET REACTION PARTICULARLY A MISSILE

 (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 	:F42B10/66,F02K9/00 :1004570 :24/11/2010 :France :PCT/FR2011/000609 :17/11/2011 :WO 2012/069711 :NA :NA :NA	 (71)Name of Applicant : 1)MBDA FRANCE Address of Applicant :37 Bld de Montmorency F 75016 Paris France (72)Name of Inventor : 1)MAZENQ Lionel
Filing Date	:NA	

(57) Abstract :

System for steering about its axes of rotation a moving body propelled by jet reaction particularly a missile. The system (1) comprises two first flow deflectors (3 4) of which one (3) is able to act exclusively on the outlet flow from one of the nozzles (17) of the moving body (M) which is provided with two jet nozzles (17 18) and of which the other (4) is able to act exclusively on the outlet flow from the other jet nozzle (18) of said moving body (M) these two first flow deflectors (3 4) interacting in such a way as to be able to steer the moving body (M) about two of its three axes of rotation and a second flow deflector (5) which is able to act on the outlet flows from the two jet nozzles (17 18) but on just one outlet flow at a time so as to be able to steer the moving body (M) about the third of its axes of rotation.

No. of Pages : 14 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

:F28D9/00,F28F3/04	(71)Name of Applicant :
:P 201031859	1)VALEO TERMICO S.A.
:16/12/2010	Address of Applicant :Ctra. de Logrono Km. 89 E 50011
:Spain	Zaragoza Spain
:PCT/EP2011/071921	(72)Name of Inventor :
:06/12/2011	1)IBARZ CASTELLO Jorge
:WO 2012/080039	2)LOPEZ LAZARO Francisco
٠NA	3)DE LA FUENTE ROMERO Jos Antonio
·NA	4)CUESTA GOMEZ Javier
.117	5)MARTINS Carlos
:NA	
:NA	
	:F28D9/00,F28F3/04 :P 201031859 :16/12/2010 :Spain :PCT/EP2011/071921 :06/12/2011 :WO 2012/080039 :NA :NA :NA :NA

(54) Title of the invention : STACKED PLATE HEAT EXCHANGER

(57) Abstract :

The invention relates to a stacked plate heat exchanger (1) comprising a plurality of stacked plates (2) between which the fluid to be cooled and the coolant fluid flow in two independent circuits defined by said plates (2) in alternating layers all or some of said plates (2) having a rim or rims defining a flow duct for the coolant fluid by engaging with another of said plates which is provided adjacent thereto. According to the invention said rim or rims are designed to allow the coolant fluid to pass into and/or out of said duct.

No. of Pages : 28 No. of Claims : 19

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : (1, 2, 4)TRIAZOLO[4, 3 -A]QUINOXALINE DERIVATIVES AS INHIBITORS OF PHOSPHODIESTERASES

(51) International classification:C07D487/04,A61K31/519,A61P25/00(31) Priority Document No:61/437848(32) Priority Date:31/01/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/EP2012/051546(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/104293(82) Divisional to Filing Date:NA :NA(82) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GmbH Address of Applicant :Binger Strasse 173 55216 Ingelheim am Rhein Germany (72)Name of Inventor : 1)LANKAU Hans Joachim 2)LANGEN Barbara 3)GRUNWALD Christian 4)H–FGEN Norbert 5)STANGE Hans 6)DOST Rita 7)EGERLAND Ute
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(57) Abstract :

The invention relates to (1,2, 4)triazolo[4,3-A]quinoxaline derivatives of Formula (I) which are inhibitors of phosphodiesterase 2 and/or 10 useful in treating central nervous system diseases.

No. of Pages : 87 No. of Claims : 23

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADHESIVE FOR INORGANIC FIBERS			
 (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 	:C09J1/00,C09J11/04,C09J201/00 :2011060931 :18/03/2011 :Japan :PCT/JP2012/001133 :21/02/2012 :WO 2012/127777 :NA :NA :NA	 (71)Name of Applicant : 1)NICHIAS CORPORATION Address of Applicant :1 26 Shibadaimon 1 chome Minato ku Tokyo 1058555 Japan (72)Name of Inventor : 1)YONAIYAMA Ken 2)MIHARA Tetsuya 3)ISHIHARA Tetsuya 4)KISHIKI Tomohiko 	

(57) Abstract :

Provided is a zeolite free adhesive for inorganic fibers that contains SiO CaO and AlO within a range excluding range I enclosed by the following point A point 8 point 18 point 19 and point 20 in the phase diagram of SiO AlO CaO shown in Fig. 1 where point A is SiO (0%) AlO (100%) CaO (0%) point 8 is SiO (20.8%) AlO (79.2%) CaO (0%) point 18 is SiO (46.3%) AlO (35.8%) CaO (17.9%) point 19 is SiO (31.5%) AlO (53.6%) CaO (14.9%) and point 20 is SiO (25.2%) AlO (57.5%) CaO (17.3%).

No. of Pages : 20 No. of Claims : 11
(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VULCANIZABLE COMPOSITIONS BASED ON NITRILE RUBBERS CONTAINING EPOXY GROUPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication N (61) Patent of Addition to Application Number 	:C08K3/00,C08K5/00,C08K3/10 :10290683.1 :29/12/2010 :EPO o:PCT/EP2011/074222 :29/12/2011 o:WO 2012/089804 :NA :NA	 (71)Name of Applicant : 1)LANXESS Deutschland GmbH Address of Applicant :51369 Leverkusen Germany (72)Name of Inventor : 1)BRANDAU Sven 2)KLIMPEL Michael 3)MAGG Hans 4)WELLE Achim
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to novel vulcanizable compositions that are based on optionally fully or partially hydrogenated nitrile rubbers which contain epoxy groups and special cross linking agents which no longer require the use of conventional cross linking agents such as sulfur in particular. The vulcanized rubbers that can be produced therefrom have very good compression set at room temperature 100°C and 150°C and also exhibit high tensile stress together with good elongation at break.

No. of Pages : 45 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W4/18 :NA :NA :NA :PCT/EP2010/066338 :28/10/2010	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)JYLHA OLLILA Markku Juhani 2)OL KKONEN Jukka Samuli
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2012/055437 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : REDUCING LATENCY IN CIRCUIT SWITCHED DATA CALLS

(57) Abstract :

It is provided an apparatus comprising a receiving means for receiving a request for control of a data call with an analog bearer capability from a calling party which is attached to an originating switching apparatus of an originating circuit switched network wherein the data call is to be routed to a terminating switching device; a determining means for determining a capability of the terminating switching device; and an originating instruction means for instructing the originating switching apparatus to reserve for the data call an originating function for transforming the data call into a data flow of unrestricted digital information if the determined capability corresponds to unrestricted digital information.

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

(21) Application No.5516/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :B01J20/30,B01J20/20 (71)Name of Applicant : (31) Priority Document No 1)DJA TECHNOLOGIES INC. :61/432947 Address of Applicant :22 Ebycrest Rd. Breslau Ontario N0B (32) Priority Date :14/01/2011 (33) Name of priority country :U.S.A. 1M0 Canada (86) International Application No :PCT/CA2012/000022 (72)Name of Inventor : 1)KIRK Donald W. Filing Date :12/01/2012 (87) International Publication No :WO 2012/094736 2)GRAYDON John W. (61) Patent of Addition to Application 3)WHITE Andrew J. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PRODUCTION OF BIOCHAR ABSORBENT FROM ANAEROBIC DIGESTATE

(57) Abstract :

A novel carbon absorption material is described which is formed from anaerobic digestate. The material has a hollow tubular structure and is particularly advantageous in converting hydrogen sulfide in biogas and in absorbing the converted sulfur and sulfur compounds from biogas into its structure. The material after use as a hydrogen sulfide absorbent has value as a horticultural or agricultural product or as a sulfur impregnated activated carbon. The process for producing this novel carbon absorption material is described. In an embodiment the process described uses in particular a humidified inert gas over a temperature range of between about 500°C to 900°C to convert anaerobic digestate to an active carbon absorbent. The thermal treatment is relatively mild and retains the fibrous structure of the source material while removing cellulosic and hemicellulosic components from the anaerobic digestate.

No. of Pages : 27 No. of Claims : 17

(21) Application No.5517/DELNP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL PRODUCTS INCLUDING MONOGLYCERIDES AND FATTY ACIDS

 (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 	:A23L1/30,A23L1/29,A23C9/152 :61/428168 :29/12/2010 :U.S.A. :PCT/US2011/066681 :21/12/2011 :WO 2012/092089 :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)LAI Chron Si 2)LASEKAN John B. 3)CORDLE Christopher
 (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 	:U.S.A. :PCT/US2011/066681 :21/12/2011 :WO 2012/092089 :NA :NA :NA	 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : LAI Chron Si LASEKAN John B. 3)CORDLE Christopher

(57) Abstract :

Disclosed are nutritional formulations including predigested fats that can be administered to preterm infants infants toddlers and children for improving tolerance digestion and absorption of nutrients and for reducing the incidence of necrotizing enterocolitis colic and short bowel syndrome. The predigested fats include fatty acid containing monoglycerides and/or a fatty acid component.

No. of Pages : 49 No. of Claims : 15

(21) Application No.5518/DELNP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL PRODUCTS INCLUDING A FAT SYSTEM INCLUDING FREE FATTY ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) Internetional Publication 	:A23L1/30,A23L1/29,A23C9/152 :61/428168 :29/12/2010 :U.S.A. :PCT/US2011/066682 :22/12/2011	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)LAI Chron Si 2)LASEKAN John B.
(87) International Publication	:WO 2012/092090	3)KA1Z Gary E. 4)CORDLE Christopher T.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are nutritional formulations including predigested fats that can be administered to preterm infants infants toddlers and children for improving tolerance digestion and absorption of nutrients and for reducing the incidence of necrotizing enterocolitis colic and short bowel syndrome. The predigested fats include fatty acid containing monoglycerides and/or a fatty acid component.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PANEL WITH HEATED LAYER			
(51) International classification	:H05B3/20,H05B3/34	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)MILWAUKEE COMPOSITES INC.	
(32) Priority Date	:NA	Address of Applicant :7330 South First Street Oak Creek WI	
(33) Name of priority country	:NA	53154 U.S.A.	
(86) International Application No	:PCT/US2010/061519	(72)Name of Inventor :	
Filing Date	:21/12/2010	1)KOBER Jeffrey F.	
(87) International Publication No	:WO 2012/087294	2)DESIGN James E.	
(61) Patent of Addition to Application	·NA	3)TOMMET John J.	
Number	·NA		
Filing Date	.11/A		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A panel has an exterior face thereof adapted for attachment to a support frame and an interior face thereof adapted for defining a boundary of a compartment. The panel includes a core encapsulated within a panel frame of reinforced phenolic material the core having first and second faces thereof and a periphery. The panel frame includes first and second skins attached to the first and second faces of the core. One or more closeouts are disposed between the skins about the periphery of the core with the one or more closeouts being attached to the first and second skins. A heating element is adjacent the interior face of the panel. The heating element includes carbon fiber material extending between and electrically coupling two opposed electrical buses. An electrical wire is coupled to each of the electrical buses of the heating element for introducing a voltage across the heating element.

No. of Pages : 25 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTIMEDIA BROADCAST MULTICAST SERVICE COUNTING METHOD AND SYSTEM (51) International classification :H04W4/06 (71)Name of Applicant : (31) Priority Document No **1)ZTE CORPORATION** :201010297962.X (32) Priority Date Address of Applicant :ZTE Plaza Keji Road South Hi Tech :28/09/2010 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2011/079106 (72)Name of Inventor : Filing Date :30/08/2011 1)LU Chen (87) International Publication No :WO 2012/041146 2)WANG Bin (61) Patent of Addition to Application 3)MA Zijiang :NA Number 4)AI Jianxun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed is a multimedia broadcast multicast service (MBMS) counting method comprising: after receiving MBMS counting indication information sent by a network side a base station sending the MBMS counting indication information to a user equipment (UE) through an air interface; the base station reporting MBMS counting information to the network side according to a received MBMS counting result reported by the UE. Also disclosed is an MBMS counting system for implementing the method. The present invention can accurately collect corresponding statistics regarding the MBMS in a timely manner and enable the network side to accurately know the current application scenario of the MBMS in a timely manner so as to facilitate the network side to deploy the MBMS accordingly.

No. of Pages : 41 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTAINER REFRIGERATION 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 Nome 	:F25D11/00,F25D19/00,F25D19/02 :2010264046 :26/11/2010 :Japan :PCT/JP2011/076806 :21/11/2011 :WO 2012/070532 :NA	 (71)Name of Applicant : 1)YANMAR CO. LTD. Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi Osaka 5308311 Japan (72)Name of Inventor : 1)TAKAHASHI Yosuke
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention addresses the problem of providing a refrigeration device which enables an engine driven refrigeration machine for a container to be easily installed in the container and which can be manufactured at improved manufacturing efficiency by eliminating complex work in the manufacturing process. A mounting hole (33) in which an engine driven refrigeration machine for a container is mounted is provided at the center of the container (2) on the front gable side thereof. A flange section (42a) for affixing the refrigeration machine body (22) to the periphery of the mounting hole (33) is formed around the front face of the refrigeration machine body (22). The refrigeration machine body (22) is disposed at the center of the container (2) on the front gable side thereof. Paths through which air is made to flow are provided between the side surfaces of the refrigeration machine body (22) and the side surfaces of the container (2). The evaporator (21) can be disposed above or below the refrigeration machine body (22). A connection pipe (23) is configured from a bendable pipe.

No. of Pages : 26 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : X- RAY SYSTEM AND METHOD WITH DIGITAL IMAGE ACQUISITION (51) International classification :A61B6/00 (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/011016 (32) Priority Date Address of Applicant :1 River Road Schenectady NY 12345 :21/01/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/021962 (72)Name of Inventor : Filing Date :20/01/2012 1)LIU James Zhengshe (87) International Publication No :WO 2012/100118 2)KOST Brian John (61) Patent of Addition to Application **3)GRANFORS Paul Richard** :NA Number 4)LANGLER Donald Favette :NA Filing Date 5)KUMP Kenneth Scott (62) Divisional to Application Number :NA **6)XUE Ping** Filing Date :NA

(57) Abstract :

An X-ray imaging system includes a digital X-ray detector configured to acquire X-ray image data without communication from a source controller and to send the X-ray image data to a portable detector control device for processing and image preview. The source controller is configured to command X-ray emissions of X-rays from an X-ray radiation source for image exposures.

No. of Pages : 43 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN OSTOMY APPLIANCE		
 (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 	:A61F5/443,A61L15/58 :PA 2010 70575 :22/12/2010 :Denmark :PCT/DK2011/050503 :20/12/2011 :WO 2012/083964 :NA :NA :NA	 (71)Name of Applicant : 1)COLOPLAST A/S Address of Applicant :Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor : 1)LAM Peter Kwok Hing

(57) Abstract :

An ostomy appliance comprising an adhesive wafer for attachment to the body the wafer comprising a skin facing surface and a non skin facing surface the non skin facing surface being provided with a backing layer the skin facing surface of the wafer comprises a central area comprising a substantially non absorbent protective adhesive an intermediate area surrounding the central area said area comprising a substantially non absorbent soft adhesive and an edge area surrounding the intermediate area said edge area comprising a substantially non absorbent soft adhesive.

No. of Pages : 16 No. of Claims : 15

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PANT TYPE CLOTHING ARTICLE AND PRODUCTION METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61F13/496,A61F13/15,A61F13/49 :2010291843 :28/12/2010 :Japan :PCT/JP2011/079841	 (71)Name of Applicant : 1)Kao Corporation Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)KOBAYASHI Kenji 2)ISHIKAWA Hayami 3)YAMASHITA Junichi
Filing Date	:22/12/2011	
Publication No	:WO 2012/090866	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pant type clothing article which has an abdominal part to be disposed on the abdomen of the wearer a crotch part to be disposed on the crotch and a back part to be disposed on the back and the side edges of the abdominal part and the side edges of the back part are joined to form a pant like form wherein: the abdominal part and the back part are configured from an external covering in which an inner layer material and an outer layer material are laminated; the external covering has multiple one layer regions which comprise the inner layer material or the outer layer material at intervals in the longitudinal direction of the external covering; and the laminated regions where the inner layer material and the outer layer material are laminated are elastic in the waist encircling direction of the external covering.

No. of Pages : 141 No. of Claims : 16

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISK ROLL AND SUBSTRATE THEREOF

(51) International algoritization	CO2D25/10 D20D1/52 CO2D17/0C	(71)Nome of Ameliaant
(51) International classification	1.C03B35/18,B28B1/52,C03B1//00	(/1)Name of Applicant:
(31) Priority Document No	:2011077941	1)NICHIAS CORPORATION
(32) Priority Date	:31/03/2011	Address of Applicant :1 26 Shibadaimon 1 chome Minato ku
(33) Name of priority country	:Japan	Tokyo 1058555 Japan
(86) International Application	DCT/ID2012/002147	(72)Name of Inventor :
No	:PC1/JP2012/00214/	1)WATANABE Kazuhisa
Filing Date	:28/03/2012	2)NAKAYAMA Masaaki
(87) International Publication	:WO 2012/132426	3)HORIUCHI Osamu
(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 disk roll substrate containing 5 wt% or less of 45 μ m or larger shot and comprising 20 to 38 wt% of alumina silicate fibers containing between 40 and 60 wt% of alumina and between 40 and 60 wt% of silica; 10 to 30 wt% of kibushi clay; 2 to 20 wt% of bentonite and 20 to 40 wt% of mica.

No. of Pages : 17 No. of Claims : 5

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR MANAGING A PERSONAL CHANNEL

(51) Internationalclassification(31) Priority Document No	:G06F17/30,H04N5/445,H04N21/482 :11150105.2	 (71)Name of Applicant : 1)AXEL SPRINGER DIGITAL TV GUIDE GMBH Address of Applicant :Schiffbauerdamm 22 10117 Berlin
(32) Priority Date (33) Name of priority country	:04/01/2011 :EPO	(72)Name of Inventor : 1)KORST Jan
(86) International Application No Filing Date	:PCT/EP2012/050110 :04/01/2012	2)BARBIERI Mauro 3)PRONK Serverius Petrus Paulus
(87) International Publication No	:WO 2012/093145	
(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 an apparatus (100) a video system a method and a corresponding computer program and a computer readable medium for managing a personal channel (210) of a user (200). The apparatus (100) is configured to control a search engine (300) with a specified search string (132) that the apparatus (100) has generated by combining a predefined search string (122) and a metadata piece (214). Thereby the apparatus (100) retrieves a non linear content (314) item being similar to a specific linear content item being referenced by the metadata piece and causes a recommendation (152) to the user (200) to add the retrieved non linear content item to his personal channel (210).

No. of Pages : 21 No. of Claims : 10

(21) Application No.5535/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFORMATION INPUT SYSTEM PROGRAM MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application 	:G06F3/044,B42D15/10,G06F3/041 :2010260432 :22/11/2010 :Japan	 (71)Name of Applicant : 1)YOSHIDA Kenji Address of Applicant :9 14 2302 Koishikawa 1 chome Bunkyo ku Tokyo 1120002 Japan (72)Name of Inventor : 1)YOSHIDA Kanji
No Filing Date	:PCT/JP2011/076965 :22/11/2011	1) i OSHIDA Kenji
(87) International Publication No	:WO 2012/070593	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is an information input system in a touch panel mounted information processing device which inputs card position direction and code information when a card is mounted on the touch panel and further inputs information combining the finger position and card information when the touch panel is touched through the card from above. The information input system comprises a touch panel that receives operations by the user by the electrostatic capacitance method an information processing means with the touch panel as input means and a thin plate medium which is mounted on the touch panel wherein the information processing means implements a first step for identifying by means of a prescribed calibration method code information defined in the medium and medium information comprising the mounting position and mounting direction of said medium and a second step for identifying the coordinate values in a touch panel coordinate system for specifying the position on said medium surface touched by the user in touch operations.

No. of Pages : 70 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (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 	:F02B37/22,F02B37/24,F01D17/16 :102010053796.9 :08/12/2010 :Germany :PCT/US2011/061991 :23/11/2011 :WO 2012/078363 :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)HEIDINGSFELDER Leif 2)RAMB Thomas 3)CHRISTMANN Ralf 4)OSMANOVIC Nermin
Number Filing Date	:NA	

(57) Abstract :

The invention relates to an exhaust gas turbocharger (1) having a compressor (2); having a turbine (3) which has a turbine housing (4); having a bearing housing (5) which has a compressor side flange and a turbine side flange (6); having a VTG cartridge (7) which has an adjusting ring (8); and having an adjusting shaft (9) which is guided through the turbine side flange (6) of the bearing housing (5) which has an inner lever (10) which engages into the adjusting ring (8) of the VTG cartridge (7) and which has an outer lever (11 11 11 11 11 11 1) which is connected to an actuating element (12) of an actuator (13) wherein the outer lever (11 11 11 11 11 1) has an open rounded fastening receptacle (14) into which an associated shaft portion (15) of the adjusting shaft (9) engages.

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

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F02B39/00,F01D25/16,F01D25/24 :102010053797.7 :08/12/2010 :Germany :PCT/US2011/062001 :23/11/2011	 (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)KIERAT Jaroslaw
No	:WO 2012/078364	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An exhaust gas turbocharger (1) with a compressor (2) which has a compressor wheel (3) arranged in a compressor housing (4); with a turbine (5) which has a turbine wheel (6) arranged in a turbine housing (7); and with a bearing housing (8) which is arranged between the compressor housing (4) and turbine housing (7); and which has a bearing (9) for a rotor shaft (10) which bears the turbine wheel (6) and the compressor wheel (3) wherein the bearing (9) has at least one ceramic insert (11 12) which is on the bearing housing side and is under compressive prestress and at least one ceramic insert (11 12) which is on the motor shaft side and is under tensile prestress.

No. of Pages : 8 No. of Claims : 7

(21) Application No.5424/DELNP/2013 A

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A MICROWAVE PLASMA REACTOR FOR MANUFACTURING SYNTHETIC DIAMOND MATERIAL

 (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 	:H01J37/32,C23C16/511 :1021865.9 :23/12/2010 :U.K. :PCT/EP2011/072824 :14/12/2011 :WO 2012/084660 :NA :NA :NA	 (71)Name of Applicant : 1)ELEMENT SIX LIMITED Address of Applicant :Isle of Man Freeport P O Box 6 Ballasalla Isle of Man IM99 6AQ U.K. (72)Name of Inventor : 1)BRANDON John Robert 2)CULLEN Alexander Lamb 3)WILLIAMS Stephen David 4)DODSON Joseph Michael 5)WILMAN Jonathan James 6)WORT Christopher John Howard
(62) Divisional to Application Number Filing Date	:NA :NA	6)WORT Christopher John Howard

(57) Abstract :

A microwave plasma reactor for manufacturing synthetic diamond material via chemical vapour deposition the microwave plasma reactor comprising: a microwave generator configured to generate microwaves at a frequency f; a plasma chamber comprising a base a top plate and a side wall extending from said base to said top plate defining a resonance cavity for supporting a microwave resonance mode wherein the resonance cavity has a central rotational axis of symmetry extending from the base to the top plate and wherein the top plate is mounted across said central rotational axis of symmetry; a microwave coupling configuration for feeding microwaves from the microwave generator into the plasma chamber; a gas flow system for feeding process gases into the plasma chamber and removing them therefrom; and a substrate holder disposed in the plasma chamber and comprising a supporting surface for supporting a substrate on which the synthetic diamond material is to be deposited in use; wherein the resonance cavity is configured to have a height as measured from the base to the top plate of the plasma chamber which supports a TM resonant mode between the base and the top plate at said frequency f and wherein the resonance cavity is further configured to have a diameter as measured at a height less than 50% of the height of the resonance cavity as measured from the base which satisfies the condition that a ratio of the resonance cavity height / the resonance cavity diameter is in the range 0.3 to 1.0.

No. of Pages : 37 No. of Claims : 26

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GLUCAGON RECEPTOR MODULATORS

 (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 	:C07D213/82,C07D239/42,C07D241/28 :61/426600 :23/12/2010 :U.S.A. :PCT/IB2011/055588 :09/12/2011 :WO 2012/085745 O [°] :NA :NA	 (71)Name of Applicant : PFIZER INC. Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A. (72)Name of Inventor : ASPNES Gary Erik DIDIUK Mary Theresa FILIPSKI Kevin James GUZMAN PEREZ Angel PFEFFERKORN Jeffrey Allen STEVENS Benjamin Dawson TU Meihua Mike
Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a compound of Formula (I) or a pharmaceutically acceptable salt thereof wherein R 1, o R2, R3, A1, A2, A3, A4, L, B1, B2, B3 and B4 are as defined herein. The compounds of Formula I have been found to act as glucagon antagonists or inverse agonists. Consequently, the compounds of Formula I and the pharmaceutical compositions thereof are useful for the treatment of diseases, disorders, or conditions mediated by glucagon.

No. of Pages : 186 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PACKAGING DEVICE

(51) International classification	:B65B5/10,B65B5/06,B65B35/44	(71)Name of Applicant :
(31) Priority Document No	:10 2011 002 575.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:12/01/2011	Address of Applicant : Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application	·DCT/ED2012/050020	(72)Name of Inventor :
No	.02/01/2012	1)KOMP Rainer
Filing Date	.03/01/2012	
(87) International Publication	·WO 2012/095332	
No		
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date		
(62) Divisional to Application	·NA	
Number	NA	
Filing Date	.1 17	

(57) Abstract :

The invention relates to a modularly constructed packaging device comprising: a package feed (2) for feeding empty packages (20) a product feed (3) for feeding products (30 40) a loading station (4) in which the products are packed into the empty package in order to provide a packaging container (21) and a cardboard box discharge (5) which leads away the packaging container.

No. of Pages : 22 No. of Claims : 11

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DIRECT ELECTRIC CONTACTING ARRANGEMENT FOR LANDS ON A PRINTED CIRCUIT BOARD

 (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 	:H05K1/11,H01R12/72 :10 2011 002 662.2 :13/01/2011 :Germany :PCT/EP2012/050032 :03/01/2012 :WO 2012/095333 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)RUEDINGER Stefan 2)HEINRICH Thomas 3)VOGELGESANG Michael 4)FLEIG Michael
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a direct electric contacting arrangement (1) having the following: a printed circuit board (2) with at least one land (3) and with a ramp (5) that is arranged in front of the land (3) in the direction of the printed circuit board edge (4) the printed circuit board (2) surface that adjoins the printed circuit board edge (4) being damage prone up to a specified distance (s) from the edge; and a contact carrier (10) with at least one electric spring contact (11) that has a curved contact dome (12). In order to make direct electric contact the contact carrier (10) and the printed circuit board (2) are movable on top of the other in parallel in particular insertable into each other until the curved contact dome (12) of the spring contact (11) rests on the land (3) after sliding up the ramp (5). According to the invention the ramp (5) projection (h) that projects beyond the land (3) is selected such that immediately after sliding up the ramp (5) the contact dome (12) of the spring contact (10) contacts the land (3) at a distance (A) that is greater than the damage prone distance (s) from the edge.

No. of Pages : 9 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G03B21/16	(71)Name of Applicant :
(31) Priority Document No	:2011003362	1)SEIKO EPSON CORPORATION
(32) Priority Date	:11/01/2011	Address of Applicant :4 1 Nishi Shinjuku 2 chome Shinjuku
(33) Name of priority country	:Japan	ku Tokyo 1630811 Japan
(86) International Application No	:PCT/JP2011/007074	(72)Name of Inventor :
Filing Date	:19/12/2011	1)TERASHIMA Tetsuo
(87) International Publication No	:WO 2012/095925	2)HINO Shunsuke
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROJECTOR

(57) Abstract :

A projector (1) includes a light source lamp (41) a cooling device (6) adapted to feed a cooling fluid to the light source lamp (41) to thereby cool the light source lamp (41) a lighting control section adapted to supply the light source lamp with the lamp electric power having either one of a first electric power value and a second electric power value higher than the first electric power value to thereby light the light source lamp (41) and a cooling control section (76) adapted to control the cooling device (6) and the cooling control section (76) controls the cooling device (6) so that the cooling fluid at a flow rate lower than a set flow rate set in accordance with the second electric power value is fed to the light source lamp (41) during a predetermined period after the lamp electric power is switched from the first electric power value to the second electric power value.

No. of Pages : 58 No. of Claims : 8

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD OF AND DEVICE FOR SERVICE MONITORING AND SERVICE MONITORING MANAGEMENT

 (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 	:H04L12/24 :NA :NA :PA :PCT/EP2010/070322 :20/12/2010 :WO 2012/084010 :NA :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)FALLON Liam 2)HUANG Yangcheng
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(57) Abstract :

The invention relates to a method of and device for service monitoring and a method of and device for service monitoring management. In particular the invention relates to a method of and device for service monitoring wherein terminal operation information is monitored to determine the occurrence of session events of each of a plurality of stages of a user service session. Values for service monitoring metrics 1 for a stage are recorded in response to a session event of that stage. Finally at least one service monitoring report containing service monitoring metric values is sent for each stage of the user service session. The invention also relates to a method of service monitoring management in which one or more service monitoring reports containing service monitoring metric values in respect of the service are received for each stage of the user service session. The received service monitoring metric values for each stage of the user service session stages and are analysed with reference to the user service session stage to perform service monitoring management.

No. of Pages : 84 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DRUG ELUTING PATCH FOR THE TREATMENT OF LOCALIZED TISSUE DISEASE OR DEFECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (86) International Application No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number SNA 	 (71)Name of Applicant : ()SAINT JOSEPHS TRANSLATIONAL RESEARCH ()SAINT JOSEPHS TRANSLATIONAL RESEARCH ()NSTITUTE INC. Address of Applicant :5673 Peachtree Dunwoody Rd. NE (1)SUITE 330 Atlanta GA 30342 U.S.A. (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor :
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(57) Abstract :

A polymeric matrix for delivery of an HMG CoA reductase inhibitor such as a statin to tissue such as cardiac tissue in need thereof for the treatment or prevention of a disease or defect such as atrial fibrillation has been developed. In the preferred embodiment a statin is delivered by means of a patch sutured to cardiac tissue at the time of cardiothoracic surgery. In the most preferred embodiment the patch is a biodegradable material providing controlled or sustained release over a prolonged period of time such as a week. Suitable materials include extracellular matrix or other biodegradable hydrogels or polymeric materials providing sustained or controlled release of statin at the site of application.

No. of Pages : 16 No. of Claims : 15

(21) Application No.5550/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ABSORBENT ARTICLE COMPRISING CYCLODEXTRIN COMPLEX

 (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 	:A61L15/46,A61L15/28 :10015886.4 :21/12/2010 :EPO :PCT/US2011/066400 :21/12/2011 :WO 2012/088231 :NA :NA :NA	 (71)Name of Applicant : THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A. (72)Name of Inventor : CAPUTI Mariangela POURCEL Magali TORDONE Adelia Alessandra
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An absorbent article comprising a cyclodextrin complex comprising cyclodextrin and at least two components complexed with said cyclodextrin wherein said at least two components are: a) a menthol family compounds b) an ionone. The absorbent articles of the invention are effective in preventing malodors associated with their use and do not exhibit perceptible odor before use.

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

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AMINOSILANE INITIATORS AND FUNCTIONALIZED POLYMERS PREPARED THEREFROM

(51) International classification	1:B60C1/00,C08C19/22,C08C19/25	(71)Name of Applicant :
(31) Priority Document No	:61/428253	1)BRIDGESTONE CORPORATION
(32) Priority Date	:30/12/2010	Address of Applicant :10 1 Kyobashi 1 Chome Chuo ku
(33) Name of priority country	:U.S.A.	Tokyo 104 8340 Japan
(86) International Application No Filing Date	:PCT/US2011/041421 :22/06/2011	(72)Name of Inventor :1)LAWSON David F.2)HOGAN Terrence E.
(87) International Publication No	:WO 2012/091753	3)RADEMACHER Christine 4)ROGGEMAN David M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)OTA Fuminori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Metallated aminosilane compounds for use as functional initiators in anionic polymerizations and processes for producing an aminosilane functionalized polymer using the metallated aminosilane compounds to initiate anionic polymerization of at least one type of anionically polymerizable monomer. Preferred use of the metallated aminosilane compounds results in rubber compositions for use in tires comprising an aminosilane functionalized polymer. A telechelic polymer may result from use of the metallated aminosilane compound as a functional terminator.

No. of Pages : 72 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LEAD STORAGE BATTERY (51) International classification :H01M4/62,H01M2/16,H01M4/14 (71)Name of Applicant : (31) Priority Document No 1)SHIN KOBE ELECTRIC MACHINERY CO. LTD. :NA (32) Priority Date Address of Applicant :8 1 Akashi cho Chuo ku Tokyo :NA (33) Name of priority country :NA 1040044 Japan (86) International Application (72)Name of Inventor : :PCT/JP2010/072998 1)KOGURE Koii No :21/12/2010 Filing Date 2)TODUKA Masatoshi (87) International Publication :WO 2012/086008 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Provided is a long lived lead storage battery that increases initial charging acceptance performance and suppresses a decrease in charging acceptance performance across a long period of battery use. In the lead storage battery which uses a paste anode plate produced by filling a lead alloy collector with a paste anode active material having lead powder as a starting material scaly graphite and a bisphenol/aminobenzenesulfonic acid condensate are caused to be contained in the anode active material. The scaly graphite has an average primary particle size of 10 220 μ m inclusive and preferably 100 220 μ m inclusive. The amount of scaly graphite contained for every 100 masses of the anode active material (spongy metallic lead) in a fully charged state preferably is 0.5 2.7 masses and more preferably is 1.1 2.2 masses.

No. of Pages : 39 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C12M3/00 :NA :NA :NA :PCT/JP2010/073127 :22/12/2010 :WO 2012/086028 :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)TAKAHASHI Ryosuke 2)HISADA Akiko 3)SONODA Hiroshi 4)SAITO Taku 5)ITABASHI Naoshi
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)ITABASHI Naoshi 6)YAMAMOTO Jiro

(54) Title of the invention : CULTURE SUBSTRATE AND CULTURE SHEET

(57) Abstract :

Provided is a culture sheet which enables a technique for forming a three dimensional tissue having uniform diameter without applying any chemical on the surface of a culture substrate. On the culture sheet (150) of the culture substrate a plurality of holes (152) are formed and nanopillars (153) which are capable of controlling the adhesiveness and migration ability of cells are formed on the bottom face of each hole (152) said bottom face serving as a culture face. The culture face of each hole (151) is provided with a partition wall (152) and the internal nanopillars (153) are formed in the vicinity of the center of the hole (151). Owing to this configuration the interaction among the disseminated cells can be restricted so that uniformly sized three dimensional structures of the cells can be formed.

No. of Pages : 86 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H01H33/662	(71)Name of Applicant :
(31) Priority Document No	:10015934.2	1)ABB TECHNOLOGY AG
(32) Priority Date	:22/12/2010	Address of Applicant : Affolternstrasse 44 8050 Zurich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/006505	(72)Name of Inventor :
Filing Date	:22/12/2011	1)GENTSCH Dietmar
(87) International Publication No	:WO 2012/084246	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INTERRUPTER INSERT FOR A CIRCUIT BREAKER ARRANGEMENT

(57) Abstract :

Interrupter insert for a circuit breaker arrangement comprising a cylindrically shaped insulating part (1) within which a pair of corresponding electrical contact pieces (3a 3b) are coaxially arranged and are concentrically surrounded by a shield (6) between the contact pieces (3a 3b) at one side and an inner wall (7) of the insulating part (1) at the other side wherein on both front ends of the shield (6) an annular gap (8a 8b) to the inner wall (7) is provided wherein each annular gap (8a; 8b) is at least partly filled with a brazing material (9) in order to permanently attach the shield (6) on both front ends to the inner wall (7) of the insulating part (1) by brazing to an inner oriented metallization or by direct active brazing to the ceramic body.

No. of Pages : 13 No. of Claims : 11

(21) Application No.5461/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:B65D77/20,B29C45/00	(71)Name of Applicant :
(31) Priority Document No	:1038469	1)NABER BEHEER B.V.
(32) Priority Date	:22/12/2010	Address of Applicant : Van Hilststraat 12 NL 5145 RL
(33) Name of priority country	:Netherlands	Waalwijk Netherlands
(86) International Application No	:PCT/NL2011/000082	(72)Name of Inventor :
Filing Date	:20/12/2011	1)NABER Wilhelmus Cornelis Maria
(87) International Publication No	:WO 2012/087114	
(61) Patent of Addition to Application	·NIA	
Number	·NA	
Filing Date	.11174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR MANUFACTURING A PACKAGE

(57) Abstract :

For the purpose of manufacturing a package an entirety is provided by means of injection moulding the entirety including a plastic tray (10) having an open side and a ring shaped plastic cover rim (20) which is located at the open side of the tray (10) at a circumferential rim of the tray (10) and which surrounds that circumferential rim. The cover rim (20) is connected to the tray (10) by means of a relatively thin plastic film wherein the cover rim (20) and the tray (10) are detached from each other by forcing a limited mutual movement of the cover rim (20) and the tray (10). Furthermore a piece of cover foil (40) is provided and connected to at least the cover rim (20). Preferably the cover rim (20) and the tray (10) are adapted to be capable of getting into engagement with each other by means of a snap connection after they do no longer form an integral entirety with each other.

No. of Pages : 20 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GLUCAN GELS

(57) Abstract :

The present invention relates to a glucan having a weight average molar mass of 15 000 to 50 000 g/mol on a single chain basis and a weight average molar mass in aqueous solution on an aggregate basis of 4 to 20 x 10 g/mol and existing in gel form in aqueous solution at a concentration =1 % at 25°C and neutral pH and having a melting temperature (gel to sol) of 35 to 60°C when the glucan is dissolved in water at a concentration of 2% methods for the production thereof medical uses thereof physical supports having the glucan applied thereto or impregnated thereon and in vitro methods of proliferation of skin cells which comprise contacting a population of skin cells with the glucan.

No. of Pages : 49 No. of Claims : 30

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DOSAGE FORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:A61K9/16,A61K9/20,A61P25/04 :1020895.7 :09/12/2010 :U.K.	 (71)Name of Applicant : 1)EURO CELTIQUE S.A. Address of Applicant :2 Avenue Charles de Gaulle L 1653 Luxembourg Luxembourg (72)Name of Inventor :
No Filing Date	:09/12/2011	1)MOHAMMAD Hassan
(87) International Publication No	:WO 2012/076907	
(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 dosage form particularly a tamper resistant dosage form comprising; non stretched melt extruded particulates comprising a drug selected from an opioid agonist a tranquilizer a CNS depressant a CNS stimulant or a sedative hypnotic; and a matrix; wherein said melt extruded particulates are present as a discontinuous phase in said matrix.

No. of Pages : 77 No. of Claims : 52

(21) Application No.5464/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPUTER SYSTEM INTERRUPT HANDLING

(57) Abstract :

A system method and article of manufacture for an accelerated processing device (APD) to request a central processing unit (CPU) to process a task comprising enqueuing a plurality of tasks on a queue using the APD generating a user level interrupt and transmitting to the CPU the plurality of tasks in the queue using an interrupt handler associated with a CPU thread.

No. of Pages : 30 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A CONTENT CATALOGUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F17/30,H04N21/472 :61/426536 :23/12/2010 :U.S.A. :PCT/EP2011/071485	 (71)Name of Applicant : 1)NAGRAVISION S.A. Address of Applicant :Route de Gen⁻ve 22 24 CH 1033 Cheseaux sur Lausanne Switzerland (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	:01/12/2011 :WO 2012/084447 :NA :NA :NA	1)DAGAEFF Thierry

(57) Abstract :

The present invention related to the domain of audio/video content distribution where a catalogue of available content is made available to end users. An aim of the invention is to ensure that the catalogue has a high quality in that a search within the catalogue will have a high probability of yielding a result. The invention provides a method and a system for creating useful links between elements in the catalogue whenever it is deemed that such links be useful. The links between the elements are created either by adding new content to the catalogue or new metadata which can be associated with the new content and existing content in the catalogue.

No. of Pages : 26 No. of Claims : 6

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REACTOR AND METHOD FOR CONTINUOUS POLYMERIZATION

(51) International classification	:B01J19/18,B01J19/20,C08F2/01	(71)Name of Applicant :
(31) Priority Document No	:10197281.8	1)LANXESS International S.A.
(32) Priority Date	:29/12/2010	Address of Applicant :Route Louis Braille 12 CH 1763
(33) Name of priority country	:EPO	Granges Paccot Switzerland
(86) International Application	DCT/ED2011/074257	(72)Name of Inventor :
No	PC 1/EP2011/0/4257	1)KIRCHHOFF Jrg
Filing Date	:29/12/2011	2)RITTER Joachim
(87) International Publication No	p:WO 2012/089823	3)LEIBERICH Ricarda
(61) Patent of Addition to	-NT 4	4)LOVEGROVE John
Application Number		5)PAUL Hanns Ingolf
Filing Date	:NA	6)FELLER Rolf
(62) Divisional to Application	- NT A	7)WIESNER Udo
Number	INA NA	8)WAGNER Paul
Filing Date	:NA	

(57) Abstract :

The present invention relates to a reactor (10) and a method for continuous polymerization the reactor (10) having a substantially tubular reactor housing (16). The reactor housing (16) has a drive (38) which runs along the geometric central axis (12) in the flow direction (22) and is configured as a central shaft. A rotatably arranged scraper or wiper (36) is provided within the reactor housing (16) the scraper or wiper (36) having at least one scraper or wiper blade (42) to run along an inner side (44) of the reactor housing (16). The rotational movement of the scraper or wiper (36) results in radial mixing of a flow within the reactor housing (16) which flow dominates gravity effects and as a result of shaping of the scrapers or wipers optionally makes possible plug flow a loop flow or backflow within the reactor (10) or also via an additional external pumped circulation system (23). This allows the reaction conditions in the axial direction of the reactor housing (16) to be predicted and suitable reaction conditions to be set and controlled individually along the reactor housing such that a desired molecular weight distribution can be set in particular.

No. of Pages : 43 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TREAD BLOCK WITH FEATURES FOR IMPROVED THERMAL WEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B60C11/03 :NA :NA :NA :PCT/US2010/061236	 (71)Name of Applicant : 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENTS
Filing Date (87) International Publication No.	:20/12/2010 :WO 2012/087272	MICHELIN (72)Name of Inventor ·
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)MAYNI Paul Andrew 2)HICKS Daniel McEachern
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tire tread having features that improve thermal wear performance is provided. A tread block is provided with an aperture. The aperture is positioned and sized in a manner that reduces stresses and/or strains in the tread block so as to reduce thermal wear. Certain variations in the depth and shape of the aperture are provided. Such tread feature can provide for a tire capable of operating at higher speeds for a given load.

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

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEDICAL PACKAGE SYSTEM AND METHOD FOR MANAGING MEDICAL PACKAGE

 (51) International classification : A (31) Priority Document No : 1 (32) Priority Date : 1 (33) Name of priority country : S (86) International Application No: F Filing Date : 1 (87) International Publication No : W (61) Patent of Addition to Application Number : F Filing Date : 1 (62) Divisional to Application : 1 	A61J1/10,A61J1/18,G06Q50/00 10011955 16/12/2010 Sweden PCT/SE2011/051366 15/11/2011 WO 2012/091655 NA NA	 (71)Name of Applicant : 1)Tridentify AB Address of Applicant :Annikas Gata 10 S 421 67 Vstra Frlunda Sweden (72)Name of Inventor : 1)Sandvik Leif 2)Strandberg Christian 3)Oskarsson Thomas 4)Gramming Magnus
Number Filing Date	NA NA	

(57) Abstract :

System for handling medical packages provided with at least one unique identifier (102) and other relevant information (103 104). The system comprise at least one tracking device (106) arranged to accompany said package (101) all the way from the entry of the package (101) in the system to a possible decision on administration of the package specific product content (105) to an intended recipient. The tracking device (106) comprises an integrated data logger that records data on at least one environmental parameter affecting remaining lifetime the product content (105) a calculation function that calculates a value for the remaining lifetime expectancy and an integrated indicator device (107) showing an operator at least if the product content (105) has a remaining useful lifetime or not. The tracking device (106) has a unique device identity that can be read and in the system associated with said unique identity code (102) and the other relevant information (103 104) so that all relevant data concerning the product content (105) can be handled and transferred between system devices without risk of confusion. The invention also concerns a medical package.

No. of Pages : 32 No. of Claims : 24
(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DOCUMENT METHOD AND DEVICE FOR MANUFACTURING A DOCUMENT AND METHOD AND DEVICE FOR IDENTIFYING A DOCUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G07D7/00,G07D7/20,B42D15/00 :NA :NA :NA :PCT/FR2010/052527 :25/11/2010	 (71)Name of Applicant : 1)ADVANCED TRACK & TRACE Address of Applicant :99 avenue de la chtaigneraie F 92500 Rueil Malmaison France (72)Name of Inventor : 1)MASSICOT Jean Pierre 2)FOUCOU Alain
(87) International Publication No	:WO 2011/064504	3)SAGAN Zbigniew
(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 planar document (100) which comprises: on a first surface (105) of the document at least one printed mark (110 115 120 125 130); on a second surface of the document opposite said first surface at least one invisible printed mark vertically adjacent to a mark (120 125) printed on said first surface. In at least one couple of vertically adjacent marks formed on said opposing surfaces at least one of the marks of said couple has unique content. In certain embodiments of the invention at least one so called invisible mark is a two dimensional barcode and/or at least one so called invisible mark is a copy protection mark. According to certain embodiments of the invention the contents of at least one mark (110) show the position of an invisible mark on the document.

No. of Pages : 15 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04W88/04	(71)Name of Applicant :
(31) Priority Document No	:61/432633	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:14/01/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050749	1)KAZMI Muhammad
Filing Date	:16/06/2011	2)QUESETH Olav
(87) International Publication No	:WO 2012/096605	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CAPABILITY REPORTING FOR RELAY NODES IN WIRELESS NETWORKS

(57) Abstract :

An out of band relay node (800) reports its composite operating band capability to a donor base station or to another network node. The reported information indicates frequency band support separately for each of the backhaul and access links which may operate over different frequency bands. In some embodiments a controlling network node (700) such as a donor base station an O&M node an OSS node a SON node or another relay node requests the relay node to report its backhaul link and access link operating frequency band capabilities to the network node. A network node (700) that receives the frequency capability information may use the information to select appropriate frequency bands for access and backhaul link operation and to configure the relay node accordingly. The received frequency band capability information may also be used for one or more network management functions such as radio resources management network planning dimensioning and coverage enhancement.

No. of Pages : 36 No. of Claims : 33

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTI STANDARD RADIO NETWORK NODE CONFIGURATION DATA HANDLING FOR NETWORK OPERATION

 (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 Numbe Filing Date 	:H04W24/02,H04W88/10 :61/413147 :12/11/2010 :U.S.A. :PCT/SE2011/050189 :21/02/2011 :WO 2012/064248 :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)KAZMI Muhammad 2)GHASEMZADEH Farshid
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(57) Abstract :

This disclosure pertains to a method in a Multi Standard Radio (MSR) network node a MSR network node (100) a method in a network node and to a network node (102) which facilitates handling of MSR network node information in a wireless communications system/network. More particularly there is provided mechanisms for network operation of a wireless communications system/network in which there is one or more MSR BSs. According to the disclosure the MSR network node (100) is being configured to handle multiple Radio Access Technologies (RATs) and to generate a message comprising an MSR identifier identifying the MSR network node and/or MSR network node configuration data and to send the generated message to the at least another network node for use in network operation. The generated message may be generated and sent upon detecting an initiating event.

No. of Pages : 32 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUPPORTING DYNAMIC MULTIPOINT COMMUNICATION CONFIGURATION (51) International classification :H04W72/04 (71)Name of Applicant : (31) Priority Document No 1)NOKIA SIEMENS NETWORKS OY :NA (32) Priority Date Address of Applicant :Karaportti 3 FI 02610 Espoo Finland :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No 1)LUNTTILA Timo Erkki :PCT/CN2011/070148 2)WANG Xiaoyi Filing Date :10/01/2011 (87) International Publication No :WO 2012/094802 **3)SKOV Peter** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus method and computer program product for supporting dynamic multipoint communication configuration stations comprise defining at least two different communication transmission sets for cellular based communication between base station and terminal wherein the communication transmission sets are related to a downlink reference signal configuration; and assigning a communication transmission set for use in a current transmission related to the cellular based communication.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUBSTRATE WITH A CORROSION RESISTANT COATING AND METHOD OF PRODUCTION THEREOF

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (86) International Application No (87) International Publication No (92) Olivisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Na 	 (71)Name of Applicant : 1)COVENTYA S.P.A. Address of Applicant : Via 1 Maggio I 22060 Carugo (CO) Italy (72)Name of Inventor : 1)SCHIAVON Gianluigi 2)DAL ZILIO Diego
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(57) Abstract :

The invention relates to a substrate with a corrosion resistant coating comprising at least one nickel layer and at least one chromium layer as finish. Between these layers at least one tin nickel alloy layer is deposited for suppression of corrosion reactions determined by CASS and Russian mud tests. The invention relates also to a method for producing such substrates with corrosion resistant coating.

No. of Pages : 31 No. of Claims : 19

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITIONS THAT CAN BE VULCANIZED AND THAT ARE BASED ON NITRILE RUBBERS CONTAINING EPOXY GROUPS

(51) International classification	:C08K3/00,C08K5/00,C08K3/10	(71)Name of Applicant :
(31) Priority Document No	:10290682.3	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:29/12/2010	Address of Applicant :51369 Leverkusen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	p:PCT/EP2011/074249	1)BRANDAU Sven
Filing Date	:29/12/2011	2)KLIMPEL Michael
(87) International Publication No	:WO 2012/089817	3)MAGG Hans
(61) Patent of Addition to	·NI A	4)WELLE Achim
Application Number		
Filing Date	INA	
(62) Divisional to Application	·NT A	
Number		
Filing Date	:NA	

(57) Abstract :

There are provided novel vulcanizable compositions based on optionally fully or partly hydrogenated nitrile rubbers containing epoxy groups, and specific crosslinkers, which no longer require use of conventional crosslinkers, more particularly sulphur. The vulcanizates producible j 5 therefrom possess very good compression sets at room temperature, 100°C and 150°C, and j additionally exhibit high tensile stress combined with good elongation at break.

No. of Pages : 41 No. of Claims : 16

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INSTALLATION AND ENFORCEMENT OF DYNAMIC AND STATIC PCC RULES IN TUNNELING SCENARIOS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority (33) Name of priority (33) Name of priority (34) Name of priority (35) Name of priority (36) International (37) International (38) International (39) International (31) International (32) International (31) International (32) International (33) International (34) International (35) International (36) International (37) International (38) International (38) International (39) International (31) International (32) International (33) International (34) International (35) International (36	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)MU'OZ DE LA TORRE ALONSO Miguel Angel 2)TERRERO DIAZ CHIRN Maria Esther 3)RECIO RODRIGUEZ Miguel Angel
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(57) Abstract :

A Policy and Charging Enforcement Function PCEF with Deep Packet Inspection DPI capabilities of a network. The network has a Policy and Charging Rules Function PCRF. The PCEF with DPI capabilities occludes a processing unit which detects a tunneled packet and the packet s Internet Protocol IP version type and determines whether activation of PCC rules in accordance with the IP version type of the tunneled packet is required from the PCRF. The PCEF includes a network interface unit in communication with the processing unit and the network which requests from the PCRF required activation of PCC rules and which identifies the IP version type of the tunneled packet to the PCRF with the request and which receives from the PCRF the activation of PCC rules. The processing unit enforces the PCC rules on the tunneled packet. A method of handling and enforcing rules at a Policy and Charging Enforcement Function PCEF with Deep Packet Inspection DPI capabilities of a network. A Policy and Charging Rules Function PCRF of a network for handling rules A method of handling rules at a Policy and Charging Rules Function PCRF of a network.

No. of Pages : 26 No. of Claims : 16

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL SUPPLY DEVICE		
 (54) The of the linvention . FOEL SOPP (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 	:F02M37/10,F02M37/00 :2010288663 :24/12/2010 :Japan :PCT/JP2011/079497 :20/12/2011 :WO 2012/086640 :NA :NA	 (71)Name of Applicant : 1)MITSUBA Corporation Address of Applicant :2681 Hirosawa cho 1 chome Kiryu shi Gunma 3768555 Japan (72)Name of Inventor : 1)MIYAKI Atsushi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a fuel supply device (1), which includes a fuel pump (3), a fuel flow path unit (fuel flow path) (52) through which the fuel flows, and a pressure regulator (76) which maintains a constant fuel pressure within the fuel flow path unit (52). A discharge port fitting portion (74a) to which a fuel discharge port (31) is connected and a housing portion in which the pressure regulator (76) is held are formed at the upper portion of an upper cup (case body) (25) in a protruding state, and the fuel flow path unit (52) is integrally formed above the discharge port fitting portion (74a) and the housing portion.

No. of Pages : 31 No. of Claims : 6

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RADIOLABLED HER2 BINDING PEPTIDES

(57) Abstract :

Imaging agents comprising an isolated polypeptide conjugated with a radionucleide and a chelator; wherein the isolated polypeptide binds specifically to HER2 or a variant thereof; and methods for preparing and using these imaging agents.

No. of Pages : 64 No. of Claims : 17

(21) Application No.5585/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE PROCESSING APPARATUS IMAGE PROCESSING 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 Filing Date 	:G06T19/00,H04N13/02 :2011235749 :27/10/2011 :Japan :PCT/JP2012/005582 :04/09/2012 :WO 2013/061504 :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)KAINO Akihiko 2)FUKUCHI Masaki 3)KASHITANI Tatsuki 4)OOI Kenichirou 5)GUO Jingjing
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(57) Abstract :

An information processing system that acquires video data captured by an image pickup unit; detects an object from the video data; detects a condition corresponding to the image pickup unit; and controls a display to display content associated with the object at a position other than a detected position of the object based on the condition corresponding to the image pickup unit.

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VIRAL PROMOTER TRUNCATIONS THEREOF AND METHODS OF USE (51) International classification :C12N15/82 (71)Name of Applicant : (31) Priority Document No 1)PIONEER HI BRED INTERNATIONAL INC. :61/425912 (32) Priority Date Address of Applicant :7100 NW 62nd Avenue Johnston Iowa :22/12/2010 (33) Name of priority country 50131 1014 U.S.A. :U.S.A. (86) International Application No 2)E. I. DU PONT DE NEMOURS AND COMPANY :PCT/US2011/066389 (72)Name of Inventor : Filing Date :21/12/2011 (87) International Publication No :WO 2012/088227 **1)DIEHN Scott** (61) Patent of Addition to Application 2)SIMMONS Carl R. :NA Number **3)LU Albert Laurence** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present disclosure provides compositions and methods for regulating expression of heterologous nucleotide sequences in a plant. Compositions include a novel nucleotide sequence for a promoter. A method for expressing a heterologous nucleotide sequence in a plant using the promoter sequence disclosed herein is provided. The method comprises stably incorporating into the genome of a plant cell a nucleotide sequence operably linked to the promoter of the present invention and regenerating a stably transformed plant that expresses the nucleotide sequence.

No. of Pages : 57 No. of Claims : 35

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HOLDER BLOCK ASSEMBLY FOR A CUTTING TOOL HAVING A HYDRAULIC PISTON 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 	:E21C35/197 :NA :NA :NA :PCT/US2010/060940 :17/12/2010 :WO 2012/082136 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SULOSKY William P. Address of Applicant :303 East Campus Ave Davidsville PA 15928 U.S.A. (72)Name of Inventor : 1)SULOSKY William P.
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(57) Abstract :

A holder block assembly for a drum type cutting tool has a holder block a sleeve and a piston carried in a piston channel formed in the holder block. The sleeve includes a shank and an enlarged flange at an end of the shank. The sleeve shank is received in a hole in the holder block with the shank and hole wall forming a number of axially spaced interference fits. A source of pressurized fluid applied to the holder block forces the piston against the sleeve to extract the sleeve from the holder block. Sealing structure between the piston and the holder block prevents the release of hydraulic fluid when the sleeve is released.

No. of Pages : 15 No. of Claims : 19

(21) Application No.5474/DELNP/2013 A

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A HYDROELECTRIC TURBINE TESTING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01M10/00,E02B17/02,E02D15/08 :10196786.7 :23/12/2010 :EPO :PCT/EP2011/073788	 (71)Name of Applicant : 1)OPENHYDRO IP LIMITED Address of Applicant :South Dock House Hanover Quay Dublin 2 Ireland (72)Name of Inventor : 1)DUNNE Paul 2)IVES James
Filing Date (87) International Publication	:22/12/2011 :WO 2012/085200	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

A method of testing a hydroelectric turbine before the turbine is installed and secured on the seabed in order to ensure that the turbine is operating as expected the method involving securing the turbine to a vessel and displacing the vessel through water in order to effect rotation while monitoring one or more operating parameters of the turbine.

No. of Pages : 11 No. of Claims : 15

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL PRODUCTS COMPRISING CALCIUM BETA HYDROXY BETA METHYLBUTYRATE AND CONJUGATED LINOLEIC ACID

 (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 	:A23L1/30,A23L1/305 :61/425809 :22/12/2010 :U.S.A. :PCT/US2011/066096 :20/12/2011 :WO 2012/088075 :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park IL 60064 U.S.A. (72)Name of Inventor : 1)LAI Chron Si 2)HELMKE Charles R. 3)KENSLER Ann M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are nutritional products comprising calcium beta hydroxy beta methylbutyrate conjugated linoleic acid and protein. The nutritional product forms include nutritional liquids and nutritional powders. The nutritional products not only provide benefits for individuals concerned with muscle health and functionality but also exhibit physical stability sensory and/or aesthetic benefits in each of the selected product forms.

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

(21) Application No.5595/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication Number (37) International To Application Number (38) Name of Addition to Application Number (39) International To Application Number (30) International To Application Number (31) International To Application Number (32) International To Application Number (38) International To Application Number (39) International To Application Number (30) International To Application Number (31) International To Application Number (32) International To Application Number (32) International To Application Number (38) International To Application Number (39) International To Application Number (30) International To Application Number (31) Inter	7C23/04 /960735 /12/2010 5.A. T/US2011/062329 /11/2011 D 2012/078398	 (71)Name of Applicant : 1)SEALY TECHNOLOGY LLC Address of Applicant :One Office Parkway Trinity NC 27370 U.S.A. (72)Name of Inventor : 1)MORET David M. 2)DEMOSS Larry K. 3)MANUSZAK Brian M. 4)BEAMON James A.
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(54) Title of the invention : MATTRESS INNERSPRING INSERTS AND SUPPORTS

(57) Abstract :

Innerspring dampening foam inserts are disclosed in various combinations with mattress innersprings. The innerspring inserts create or define zones or regions of the innerspring which have different support characteristics from other zones or regions by dampening or altering the spring rates and support characteristics of the innerspring in the areas or regions where the insert are located. The innerspring inserts may also be placed at or near the border or edges of the innerspring to provide increased stability in the perimeter or edge areas of the support surface of a mattress.

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

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CITRUS TREES WITH RESISTANCE TO CITRUS CANKER

 (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 Implication Impl	:A01H5/08,C07K14/415,C12N15/82 :61/433192 :14/01/2011 :U.S.A. :PCT/US2012/021043 :12/01/2012 	 (71)Name of Applicant : 1)TWO BLADES FOUNDATION Address of Applicant :1630 Chicago Avenue Suite 1907 Evanston IL 60201 U.S.A. 2)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION (72)Name of Inventor : 1)JONES Jeffrey B. 2)LAHAYE Thomas 3)STASKAWICZ Brian J.
Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and compositions for making citrus plants with enhanced resistance to Asiatic citrus canker (ACC) and oth o er forms of citrus canker caused by Xanthonomas are provided. The methods involve transforming citrus plant cells with polynuc leotide constructs comprising a promoter operably linked to nucleotide sequence that encodes a protein that is capable of triggering cell death in a citrus plant. The promoters of the invention are inducible by one or more Xanthomonas strains that cause citrus canker. Isolated nucleic acid molecules and expression cassettes comprising such polynucleotide constructs and promoters are fur ther provided. Citrus plants with enhanced resistance to citrus canker are also provided.

No. of Pages : 75 No. of Claims : 52

(21) Application No.5485/DELNP/2013 A

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H04B1/52	(71)Name of Applicant :
(31) Priority Document No	:1021543.2	1)BAE SYSTEMS PLC
(32) Priority Date	:21/12/2010	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2011/052541	(72)Name of Inventor :
Filing Date	:21/12/2011	1)CAIN Lawrence
(87) International Publication No	:WO 2012/085566	2)RADFORD Simon Russell
(61) Patent of Addition to Application	·NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SIGNAL PROCESSING FOR IMPROVED RECEPTION

(57) Abstract :

Apparatus for and method of processing radio frequency signals the method comprising: obtaining a signal indicative of a first frequency (e.g. by obtaining a sample of a transmitted signal) the first frequency being a frequency of the transmitted signal; and using the signal indicative of a first frequency establishing a second frequency depending on the first frequency the second frequency being a frequency to which to tune a filter (28 32) for filtering a received signal (10). An antenna (4) for receiving and/or transmitting a signal may be a co site antenna with respect to at least one other antenna.

No. of Pages : 35 No. of Claims : 15

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING UNSATURATED NITRILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:C07C253/24,B01J23/28,B01J27/057 :2011045358 :02/03/2011 :Japan :PCT/JP2011/073576 :13/10/2011	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)TAMURA Sho 2)SHOJI Sadao
Publication No	:WO 2012/117605	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for producing an unsaturated nitrile by | subjecting propane to a vapor-phase catalytic ammoxidation reaction using a fluidized bed reactor in I the presence of a composite oxide catalyst containing Mo, V, and Nb, the method comprising the step of: adding a tungsten compound into the fluidized bed I reactor to adjust a molar ratio (W/Mo ratio) of tungsten contained in a tungsten compound to molybdenum contained in the composite oxide catalyst that exist within the fluidized bed reactor so that the molar ratio is in the I range of 0.0001 to 0.1.

No. of Pages : 89 No. of Claims : 4

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NON METALLIC COATING AND METHOD OF 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 Filing Date (62) Divisional to Application Number 	:C25D5/18,C25D11/00,C25D11/04 :1102174.8 :08/02/2011 :U.K. :PCT/GB2012/050268 :07/02/2012 :WO 2012/107754 :NA :NA :NA	 (71)Name of Applicant : CAMBRIDGE NANOLITIC LIMITED Address of Applicant :3b Homefield Road Haverhill Suffolk CB9 8QP U.K. (72)Name of Inventor : SHASHKOV Pavel KHOMUTOV Gennady YEROKHIN Aleksey USOV Sergey
Filing Date	:NA	

(57) Abstract :

A method of forming a non metallic coating on a metallic substrate involves the steps of positioning the metallic substrate in an electrolysis chamber and applying a sequence of voltage pulses of alternating polarity to electrically bias the substrate with respect to an electrode. Positive voltage pulses anodically bias the substrate with respect to the electrode and negative voltage pulses cathodically bias the substrate with respect to the electrode. The amplitude of the positive voltage pulses is potentiostatically controlled wheras the amplitude of the negative voltage pulses is galvanostatically controlled.

No. of Pages : 33 No. of Claims : 38

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ANALYSIS OF EEG SIGNALS TO DETECT HYPOGLYCAEMIA

(51) International classification	n:A61B5/04,A61B5/048,G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:1020086.3	1)HYPO SAFE A/S
(32) Priority Date	:26/11/2010	Address of Applicant :Forskerparken Scion Diplomvej 381
(33) Name of priority country	:U.K.	DK 2800 Kgs. Lyngby Denmark
(86) International Application	·PCT/FP2011/0708/3	(72)Name of Inventor :
No	.23/11/2011	1)MADSEN Rasmus Elsborg
Filing Date	.23/11/2011	2)JENSEN Rasmus Stig
(87) International Publication No	:WO 2012/069549	
(61) Patent of Addition to	·N A	
Application Number	·NA	
Filing Date	.11/1	
(62) Divisional to Application	·NA	
Number	NA	
Filing Date	.1 1/ 1	

(57) Abstract :

Apparatus for detecting hypoglycaemia or impending hypoglycaemia by analysis of an EEG comprises at least one EEG measuring electrode (10) for gathering an EEG signal and a computer (12) for receiving said EEG signals programmed to obtain a plurality of signal components each comprising a different band of frequencies obtain a measure of the varying intensity of each said component obtain a long time estimate of the mean of each intensity measure obtain a long time estimate of the variability of each intensity measure normalise each intensity measure e.g. by a subtracting from the intensity measure the long time estimate of the mean and dividing the result by the long time estimate of the variability so as to generate from each band a normalised feature use machine analysis of the normalised features to obtain a varying cost function classify values of the cost function according to the probability of the cost function being indicative of hypoglycaemia integrate the probabilities obtained during a selected time period and determine that the EEG signals are indicative of hypoglycaemia being present or being impending based on said integration.

No. of Pages : 36 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : USE OF DISPERSIONS OF IRON PARTICLES AS FUEL ADDITIVE

 (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 	:C10L1/10,C10L10/02 :1061061 :22/12/2010 :France :PCT/EP2011/073279 :19/12/2011 :WO 2012/084851 :NA :NA :NA	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)DALENCON Lauriane 2)LALLEMAND Michael 3)HARLE Virginie
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the use of dispersions comprising an organic phase at least one amphiphilic agent and solid objects based on particles of an iron compound in crystallized form of small size as fuel additive.

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

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ORGANIC DISPERSION OF IRON BASED PARTICLES IN CRYSTALLIZED FORM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C10L1/10,C10L10/02 :1061062 :22/12/2010 :France	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France
 (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 	:PCT/EP2011/073260 :19/12/2011 :WO 2012/084838 :NA :NA :NA	 (72)Name of Inventor : 1)DALENCON Lauriane 2)HERNANDEZ Julien 3)HARLE Virginie 4)LALLEMAND Michael

(57) Abstract :

The present invention relates to a dispersion comprising an apolar organic phase at least one amphiphilic agent and solid objects based on particles of an iron compound in crystallized form of small size.

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

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL ADDITIVE COMPOSITION CONTAINING A DISPERSION OF IRON PARTICLES AND A DETERGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10L1/10,C10L10/06,C10L1/12 :10 61065 :22/12/2010 :France :PCT/EP2011/073348 :20/12/2011 o:WO 2012/084906 :NA :NA :NA	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France 2)THE LUBRIZOL CORPORATION (72)Name of Inventor : 1)DALENCON Lauriane 2)LALLEMAND Michael 3)HARLE Virginie 4)MORETON David J. 5)MACDUFF Malcolm G.J. 6)PUDLARZ Magali
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(57) Abstract :

The invention relates to a composition containing an additive for assisting particulate filter regeneration in the form of an organic dispersion of iron particles in crystallized form and a detergent comprising a quaternary ammonium salt.

No. of Pages : 56 No. of Claims : 20

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BINDER COMPOSITION FOR MOLD MAKING PURPOSES

(51) International classification	:B22C1/10,B22C1/22,C08L61/00	(71)Name of Applicant :
(31) Priority Document No	:2010278104	1)Kao Corporation
(32) Priority Date	:14/12/2010	Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038210 Japan
(86) International Application		(72)Name of Inventor :
No	.PC1/JP2011/0/8/90	1)YOSHIDAAkira
Filing Date	:13/12/2011	
(87) International Publication No	:WO 2012/081577	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are: a binder composition for mold making purposes whereby it becomes possible to improve the curing rate of a mold and to produce a mold having high final strength and high deep part curability; and a process for producing a mold which utilizes the binder composition. The binder composition for mold making purposes according to the present invention comprises a specific acid curable resin and a specified amount of a rosin modified maleic acid resin having an acid value of 70 mg KOH/g or more. The process for producing a mold according to the present invention comprises a step of curing a mixture comprising fire resistant particles the binder composition for mold making purposes according to the present invention and a curing agent.

No. of Pages : 43 No. of Claims : 14

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL PROCESS FOR SYNTHESIZING AGOMELATINE

(51) International classification	:C07C233/18,C07C231/14,C07D209/48	(71)Name of Applicant : 1)LES LABORATOIRES SERVIER
(31) Priority Document No	:11.00023	Address of Applicant :35 rue de Verdun F 92284 Suresnes Cedex France
(32) Priority Date	:05/01/2011	(72)Name of Inventor :
(33) Name of priority country	:France	1)ZARD Samir 2)SIRE Batrice
(86) International Application No Filing Date	:PCT/FR2012/000004 :04/01/2012	3)BOUMEDIENE Mehdi
(87) International Publication No	:WO 2012/093225	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	.11A	

(57) Abstract :

Process for the industrial synthesis of the compound of formula (I).

No. of Pages : 31 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : THREADED CONNECTION FOR DRILLING AND WORKING HYDROCARBON WELLS (51) International classification :F16L15/06,E21B17/042 (71)Name of Applicant : (31) Priority Document No :10/05163 1)VALLOUREC MANNESMANN OIL & GAS FRANCE (32) Priority Date :28/12/2010 Address of Applicant :54 rue Anatole France 59620 Aulnove (33) Name of priority country :France **Avmeries France** (86) International Application No 2)NIPPON STEEL & SUMITOMO METAL :PCT/EP2011/006259 Filing Date :12/12/2011 **CORPORATION** (87) International Publication No :WO 2012/089305 (72)Name of Inventor : (61) Patent of Addition to Application **1)CARROIS Fabien** :NA Number 2)GALLOIS Yann :NA Filing Date 3)CONRAD Fran§ois (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention concerns a threaded connection comprising a first and a second tubular 5 component, each being provided with a respective male (1) and female (2) end, the male end (1) comprising at least one threaded zone (3) on its external peripheral surface and ending in a terminal surface (7), the female end (2) comprising at least one threaded zone (4) on its internal peripheral surface and ending in a terminal surface (8), the threaded zones (3; 4) comprising, over at least a portion of their length, threads (32, 42) each comprising, viewed in longitudinal section 10 passing through the axis of the tubular component, a thread crest (36, 46), a thread root (35, 45), a load flank (30; 40) and a stabbing flank (31; 41), characterized in that the profiles of the male and female load flanks (30; 40), viewed in longitudinal section passing through the axis of revolution (10) of the connection, are a continuous curve with a convex or concave form, the profile of the male flanks being complementary to that of the female flanks over at least 70%, 15 preferably 90% of said continuous curve.

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

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR MONITORING THE FUNCTION OF A PARKING BRAKE IN 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 Elling Date 	:B60T7/04,B60T7/06,B60T17/22 :102011003183.9 :26/01/2011 :Germany :PCT/EP2011/072532 :13/12/2011 o:WO 2012/100875 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)BAEHRLE MILLER Frank 2)BLATTERT Dieter
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a method for monitoring the function of a parking brake in a vehicle. After the parking brake is actuated the state of movement of the vehicle is monitored and a warning signal is generated in the event of a vehicle movement.

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

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR DETERMINING A CONTROL VOLUME OF AN INJECTOR

 (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 	:F02D41/24,F02D41/38 :10 2011 003 355.6 :31/01/2011 :Germany :PCT/EP2011/074071 :27/12/2011 :WO 2012/103991 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)OLBRICH Stephan 2)KUHNERT Christian 3)PECK Rainer 4)SCHENK Michael 5)ZIEHER Rene 6)STRASSER Markus
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(57) Abstract :

The invention relates to a method and an arrangement for determining a control volume of an injector (10). The method is used in particular in an injector (10) in an internal combustion engine of a motor vehicle. The injector (10) is activated over a time period which is sufficiently short that no injection (38) of fuel into a combustion chamber (40) takes place and that a system response follows which effects a drop in pressure as a result of the control volume flowing back wherein the control volume is determined on the basis of the drop in the pressure.

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

(21) Application No.5498/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(51) International classification(31) Priority Document No	:G06F19/00 :61/417189	(71)Name of Applicant : 1)DIGITAL ARTEFACTS LLC
(32) Priority Date	:24/11/2010	Address of Applicant :119 Technology Innovation Center
(33) Name of priority country	:U.S.A.	Oakdale Campus Iowa City IA 52242 U.S.A.
(86) International Application No	:PCT/US2011/062106	(72)Name of Inventor :
Filing Date	:23/11/2011	1)SEVERSON Joan Marie
(87) International Publication No	:WO 2012/071544	2)COSMAN Joshua Daniel
(61) Patent of Addition to Application	:NA	3)MERICKEL Michael Bruce Jr.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS TO ASSESS COGNITIVE FUNCTION

(57) Abstract :

Disclosed herein are systems and methods for assessing cognitive function. In an example embodiment an assessment computer receives demographics data relating to an individual and provides a cognitive assessment test to a portable touchscreen personal computing device for self administration of the test by the individual. The portable touchscreen personal computing device generates cognitive assessment stimuli receives responses to the stimuli from the individual via touchscreen activations measures reaction times of the responses and transmits the responses and reaction times to the assessment computer for storage in a database. The assessment computer receives cognitive assessment performance data relating to the individual including the received responses and measured reaction times and generates performance metrics including at least a cognitive baseline for the individual based at least on the first cognitive assessment performance data.

No. of Pages : 41 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OPTIMIZING COMMUNICATION OF SYSTEM CALL REQUESTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (37) International Publication Number (38) International Publication Number (38) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number <li< th=""><th> (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place Sunnyvale CA 94088 U.S.A. (72)Name of Inventor : 1)SANDER Benjamin Thomas 2)HOUSTON Michael 3)CHEUNG Newton 4)LOWERY Keith </th></li<>	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place Sunnyvale CA 94088 U.S.A. (72)Name of Inventor : 1)SANDER Benjamin Thomas 2)HOUSTON Michael 3)CHEUNG Newton 4)LOWERY Keith
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(57) Abstract :

Provided herein is a method for optimizing communication for system calls. The method includes storing a system call for each work item in a wavefront and transmitting said stored system calls to a processor for execution. The method also includes receiving a result to each work item in the wavefront responsive to said transmitting.

No. of Pages : 30 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :21/06/2013

(54) Title of the invention : INDUCTOR CORE

(43) Publication Date : 05/12/2014

(51) International classification	:H01F3/10,H01F17/04	(71)Name of Applicant :
(31) Priority Document No	:11150015.3	1)H–GAN,,S AB (PUBL)
(32) Priority Date	:03/01/2011	Address of Applicant :Bruksgatan 35 S 263 83 Hgans Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/073829	1)ANDERSSON Ola
Filing Date	:22/12/2011	2)PENNANDER Lars Olov
(87) International Publication No	:WO 2012/093040	
(61) Patent of Addition to Application	•NI A	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one aspect of the present inventive concept there is provided an inductor core comprising: an axially extending core member an axially extending external member at least partly surrounding the core member thereby forming a space around the core member for accommodating a winding between the core member and the external member a plate member presenting a radial extension and being provided with a through hole wherein the core member is arranged to extend into the through hole wherein the plate member is a separate member from the core member and the external member and is adapted to be assembled with the core member and the external member and is adapted to be assembled with the core member and the external member and the external member the plate member and the external member and the core member and the external member and the core member and the external member the plate member and the external member and the core member and the external member.

No. of Pages : 35 No. of Claims : 15

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION AND METHOD FOR REDUCING HYDRATE AGGLOMERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07C211/63,C10G9/16,C09K8/524 :13/326910 :15/12/2011 :U.S.A. ¹ :PCT/US2011/066708	 (71)Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 1198 U.S.A. (72)Name of Inventor : 1)WEBBER Peter A. 2)CONRAD Peter G.
Filing Date	:22/12/2011	3)FLATT Austen K.
(87) International Publication No	:WO 2013/089802	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed and claimed is a composition and method of inhibiting the formation of hydrate agglomerates in a fluid comprising water gas and optionally liquid hydrocarbon comprising adding to the fluid an effective anti agglomerant amount of any of the formulas described above and optionally salts thereof.

No. of Pages : 18 No. of Claims : 15

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR INHIBITING THE FORMATION AND DEPOSITION OF SILICA SCALE IN AQUEOUS SYSTEMS

 (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 	:C02F5/10,C02F5/00,C02F1/42 :12/976013 :22/12/2010 :U.S.A. :PCT/US2011/066427 :21/12/2011 :WO 2012/088240 :NA :NA	 (71)Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 1198 U.S.A. (72)Name of Inventor : 1)GREENE Nathaniel T. 2)GILL Jasbir S. 3)GODFREY Martin R. 4)WILLIAMS Cheryl
Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to an improved method for inhibiting the formation and deposition of silica arid silicate compounds in a water system. In particular the method includes adding to the water system a relatively low molecular weight organic anionic polymer. The polymer preferably has an acrylic acid or methacrylic acid functionality and is preferrahly selected from one or more of homopolymers of acrylic acid a methacrylic acid/polyethylene glycol ally) ether copolymer a homopolymer of methacrylic acid an acrylic acid/polyethylene glycol allyl ether copolymer and an acrylic acid/1 allyloxy 2 hydroxypropane sulfonic acid copolymers of maleic anhydride copolymers of maleic anhydride and polyethylene glycol allyl ether and combinations thereof.

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

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RECYCLING OF WASTE COATING COLOR

 (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 	:D21H17/01,D21H19/00,D21H21/00 :12/975596 :22/12/2010 :U.S.A. :PCT/US2011/066378 :21/12/2011 :WO 2012/088221 :NA :NA	 (71)Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 1198 U.S.A. (72)Name of Inventor : 1)CHENG Weiguo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a method of recovering and recycling waste coating color from papermaking coating process for use as wet end filler. The inventive method overcomes many technical challenges inherent in using waste coating colors as wet end filler such as the coatings having fine pigments that hurts sheet strength more than regular filler having strong anionic charge and tendency to disturb wet end chemistry causing excessive foaming and containing a large amount of hydrophobic binder particles that tend to agglomerate in the white water and deposit on papermaking equipment. The method involves mixing the coatings with fresh filler particles adding de foaming agent adding cationic coagulant then preflocculating the mixture. This process causes fresh filler particles pigments and binders in waste coating color to agglomerate together and form stable flocs with defined particle size distribution. Moreover using such agglomerate as wet end filler was found to improve sheet strength properties by taking advantage of the binding ability of the latex or binders contained in the waste coating color.

No. of Pages : 28 No. of Claims : 14

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CROSSLINKED NANOSTRUCTURED CAST SHEETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:B29C39/02,C08F287/00,C08F293/00 :1061113 :23/12/2010 :France :PCT/FR2011/053168 :22/12/2011	 (71)Name of Applicant : ARKEMA France Address of Applicant :420 rue dEstienne d Orves F 92705 Colombes Cedex France (72)Name of Inventor : BOURRIGAUD Sylvain CAZAUMAYOU Sylvie PERY Stphanie
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Transparent and impact-resistant crosslinked acrylic composition consisting of a brittle matrix (I) having a glass transition temperature of greater than 0°C and of elastomeric domains having a characteristic dimension of less than 100 nm consisting of macromolecular sequences (II) having a flexible nature with a glass transition temperature of less than 0°C.

No. of Pages : 36 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G06F11/36	(71)Name of Applicant :
(31) Priority Document No	:61/415845	1)VERIFYTER AB
(32) Priority Date	:21/11/2010	Address of Applicant : Ideon Science Park Scheelevgen 15 S
(33) Name of priority country	:U.S.A.	223 63 Lund Sweden
(86) International Application No	:PCT/EP2011/070379	(72)Name of Inventor :
Filing Date	:17/11/2011	1)Hansson Daniel
(87) International Publication No	:WO 2012/066091	
(61) Patent of Addition to Application	·NIA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATIC DIAGNOSIS OF SOFTWARE FAILURES

(57) Abstract :

One embodiment of the present invention provides a technique for automatic diagnosis of regression test failures. Initially an automatic regression test system provides the test results per configuration for a revision of the device under test. Next each failing test is analyzed in conjunction with the information in the version control system that is used to manage the device under test in order to conclude what additional revisions that needs to be tested for each test and configuration in order to find the earliest failing revision. Next a request is issued to the automated regression test system which performs the requested tests and provides back a list of test results. Next another analysis takes places and if the earliest failing revision cannot be concluded for each failing test and configuration then another request is issues to the automated regression test system. This continues until the earliest failing revision can be concluded for each failing test and configuration. The result presents each faulty revision and the group of tests and configurations that fail as a consequence. Another embodiment of the present invention provides a technique for automatically diagnosing the root cause for a test failure by comparing the difference in outcome between one revision of the device under test that fails with another revision of the same test for which the same test passes. This is done by instrumenting the computer program that constitutes the device under test to extract the variable states that affect the difference in outcome. Next all parts of the computer program that are proven to have no affect on the difference in outcome is ignored. Finally the root cause is concluded by identifying the sections of the computer program that are different between the revision for which the test fails and the revision for which test passes. The parts of these sections that have also been proven to be affecting the difference in outcome are concluded to be the root cause.

No. of Pages : 45 No. of Claims : 3
(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SELF REGULATED PRODUCTION UNDER SUBMERGED CONDITIONS OF A GAS GENERATED BY CHEMICAL REACTION BETWEEN A LIQUID AND A SOLID; ASSOCIATED DEVICE

(51) International classification	:B01J7/02,C01B3/06	(71)Name of Applicant :
(31) Priority Document No	:1061374	1)HERAKLES
(32) Priority Date	:30/12/2010	Address of Applicant :Les Cinq Chemins Rue de Touban F
(33) Name of priority country	:France	33185 Le Haillan France
(86) International Application No	:PCT/FR2011/053201	(72)Name of Inventor :
Filing Date	:28/12/2011	1)GONTHIER Gilles
(87) International Publication No	:WO 2012/089984	2)YVART Pierre
(61) Patent of Addition to Application	·NA	3)PERUT Christian
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the self regulated production as a function of the demand under submerged conditions of a gas (G) said gas (G) being generated by a chemical reaction between a liquid (L) and a solid (S) (hydrogen generated by hydrolysis of a metal hydride for example) and not being polluted between the generation thereof and the delivery thereof. The present invention also relates to a device (1) suitable for the implementation of said process.

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

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELASTOMERIC NANOCOMPOSITES NANOCOMPOSITE COMPOSITIONS AND METHODS OF MANUFACTURE

(51) International classification	:C08K3/00,C08K3/04,C08K3/34	(71)Name of Applicant :
(31) Priority Document No	:13/013551	1)EXXONMOBIL CHEMICAL PATENTS INC.
(32) Priority Date	:25/01/2011	Address of Applicant : A Corporation of the State of Delaware
(33) Name of priority country	:U.S.A.	5200 Bayway Drive Baytown TX 77520 U.S.A.
(86) International Application No	p:PCT/US2011/063551	(72)Name of Inventor :
Filing Date	:06/12/2011	1)WENG Weiqing
(87) International Publication No.	:WO 2012/102788	2)RODGERS Michael B.
(61) Patent of Addition to	·NI A	3)UPTON Molly W.
Application Number		4)SOISSON John Patrick
Filing Date	INA	5)WEBB Robert N.
(62) Divisional to Application	·NI A	
Number		
Filing Date	INA	

(57) Abstract :

An elastomeric nanocomposite contains: (a) at least one elastomer comprising units derived from isoolefins having from 4 to 7 carbon atoms; (b) at least 10 phr of a carbon black; and (c) at least 1 phr of a nanoclay; wherein when the nanocomposite is used in an article the article has a gas permeation coefficient of 80.0 ccmrn/[m2 day] at 40°C. The carbon black may be graphitized to reduce interactions between the carbon black and the nanoclays. The elastomeric nanocomposite may with or without the use of the graphitized carbon black may calendared or extruded in such a manner as to orient the nanoclay platelets within the composition such that the oriented nanoclay elastomer nanocomposite has an orientation parameter of greater than 0.15.

No. of Pages : 44 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FAT AND/OR OIL COMPOSITION		
(51) International classification	:A23D9/00,A23L1/01	(71)Name of Applicant :
(31) Priority Document No	:2010284438	1)KAO CORPORATION
(32) Priority Date	:21/12/2010	Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038210 Japan
(86) International Application No	:PCT/JP2011/079438	(72)Name of Inventor :
Filing Date	:20/12/2011	1)HOMMA Rika
(87) International Publication No	:WO 2012/086620	2)TOMONOBU Kazuichi
(61) Patent of Addition to Application	·NI A	
Number		
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a fat and/or oil composition which contains (A) $0.02 \ 1.8\%$ by mass of a free triterpene alcohol and (B) 1.4% by mass or less of a fatty acid ester type triterpene alcohol with the mass ratio of (A)/(B) being more than 1. The fat and/or oil composition can be used in cooking and is capable of improving properties such as flavor of a cooked product.

No. of Pages : 45 No. of Claims : 11

(21) Application No.5526/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A61K39/00 :61/426619 :23/12/2010 :U.S.A. :PCT/US2011/065174 :15/12/2011 :WO 2012/087746	 (71)Name of Applicant : 1)JANSSEN BIOTECH INC. Address of Applicant :800/850 Ridgeview Drive Horsham PA 19044 U.S.A. (72)Name of Inventor : 1)STROHL William 2)JORDAN Robert
(SS) Name of priority country	.U.J.A.	(72)N
(86) International Application No	:PC1/US2011/0651/4	(72)Name of Inventor :
Filing Date	:15/12/2011	1)STROHL William
(87) International Publication No	:WO 2012/087746	2)JORDAN Robert
(61) Patent of Addition to Application	·NA	3)BREZSKI Randall
Number	·NIA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ACTIVE PROTEASE RESISTANT ANTIBODY FC MUTANTS

(57) Abstract :

Monoclonal antibody and other Fc containing molecules can be constructed using the disclosed variations in the Fc region causing increased resistance to host and pathogen derived proteases and exhibiting the ability to interact with Fey receptors and initiate complement directed cytotoxicity as demonstrated by functional assays. The Fc containing molecules are useful in the treatment of various diseases and disorders wherein FcR driven host functions contribute activity.

No. of Pages : 85 No. of Claims : 35

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN AEROSOL GENERATING SYSTEM HAVING MEANS FOR DETERMINING DEPLETION OF A LIQUID SUBSTRATE

 (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 	:A24F47/00,A61M15/06 :10252235.6 :24/12/2010 :EPO :PCT/EP2011/073791 :22/12/2011 :WO 2012/085203 :NA :NA :NA	 (71)Name of Applicant : 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor : 1)COCHAND Olivier 2)THORENS Michel 3)FLICK Jean Marc 4)DEGOUMOIS Yvan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided an electrically operated aerosol generating system (100) for receiving an aerosol forming substrate (115). The system comprises a liquid storage portion (113) for storing liquid aerosol forming substrate an electric heater (119) comprising at least one heating element for heating the liquid aerosol forming substrate and electric circuitry (109) for determining depletion of liquid aerosol forming substrate heated by the heater based on a relationship between a temperature of the heating element and power applied to the heating element. There is also provided a method in an electric heater comprising at least one heating element for heating liquid aerosol forming substrate and an electric heater comprising at least one heating element for heating the liquid aerosol forming substrate and an electric heater comprising at least one heating element for heating the liquid aerosol forming substrate and an electric heater comprising at least one heating element for heating the liquid aerosol forming substrate and an electric heater comprising at least one heating element for heating the liquid aerosol forming substrate the method comprising: determining depletion of liquid aerosol forming substrate heated by the heater based on a relationship between a temperature of the heating element.

No. of Pages : 29 No. of Claims : 15

(21) Application No.5514/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(54) Title of the invention : STOP SEQUENCING FOR BRAKING DEVICE

(43) Publication Date : 05/12/2014

(51) International classification	:B66B1/32,B66B5/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant : Ten Farm Springs Road Farmington CT
(33) Name of priority country	:NA	06032 2568 U.S.A.
(86) International Application No	:PCT/US2011/023769	(72)Name of Inventor :
Filing Date	:04/02/2011	1)DELLA PORTA Joseph L.
(87) International Publication No	:WO 2012/105986	
(61) Patent of Addition to Application	·N A	
Number	.INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An elevator system (20) including a braking system (58) and a method of retrofitting an elevator (20) for such braking system (58) is disclosed. The braking system (58) may comprise a first brake (62) having a first magnetic brake coil (64) the first brake (62) movable between a disengaged and an engaged position a second brake (66) having a second magnetic brake coil (68) the second brake (66) movable between a disengaged and an engaged position and a brake control device (60) having a brake power source (94). The brake control device (60) may be electrically connected to the first and second brakes (62 66) and may be configured to selectively delay or sequence the movement of the first brake (62) and the second brake (66) to the engaged position with residual current from the brake coils (64 68).

No. of Pages : 28 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIND TURBIN	AXIS	
 (54) Title of the invention : WIND TURBIN (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 	NE WITH VERTICAL . :F03D3/04,F03D7/06 :2010/0755 :31/12/2010 :Belgium :PCT/EP2011/074228 :29/12/2011 :WO 2012/089806 :NA :NA :NA	AXIS (71)Name of Applicant : 1)DACUS Walter Address of Applicant :Dendermondsesteenweg 56 B 9260 Schellebelle Belgium 2)BAETENS Joan (72)Name of Inventor : 1)DACUS Walter 2)BAETENS Joan
Filing Date	:NA	

(57) Abstract :

A turbine for example a wind turbine is equipped with a rotor (1) with a vertical axis and a screens system (31 32) for conducting wind and fluid to the rotor. The turbine is equipped with a direction device (57) which produces a direction signal and a way (55 56) to direct the screens system (31 32) depending on the direction signal. The rotor blades are fitted on the sides turned towards the axis with an open curl shape 34.

No. of Pages : 21 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GROUND COVER MULCH AND METHOD FOR MANUFACTURING IT (51) International classification :A01G13/02 (71)Name of Applicant : (31) Priority Document No 1)STORA ENSO OYJ :20115078 (32) Priority Date Address of Applicant :PL 309 FI 00101 Helsinki Finland :26/01/2011 (72)Name of Inventor : (33) Name of priority country :Finland (86) International Application No 1)TIILIKKALA Kari :PCT/FI2012/050072 Filing Date **2)TAHVONEN Risto** :26/01/2012 (87) International Publication No :WO 2012/101329 (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 ground-cover j mulch, which includes a web-formed vegetai | ble fibre-bearing pulp, and wood distillate. The wood distillate includes birchwood distillate. In addition, the invention also relates to a method for manufacturing a ground-cover mulch and the use of birchwood distillate in ground-cover-mulch | applications.

No. of Pages : 19 No. of Claims : 14

(21) Application No.5631/DELNP/2013 A

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BINDER COMPOSITION FOR MOLD MOLDING

(51) International classification	:B22C1/22,B22C1/00,B22C1/10	(71)Name of Applicant :
(31) Priority Document No	:2010290418	1)Kao Corporation
(32) Priority Date	:27/12/2010	Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038210 Japan
(86) International Application No	:PCT/JP2011/080084	(72)Name of Inventor :
Filing Date	:26/12/2011	1)YOSHIDAAkira
(87) International Publication No	:WO 2012/090940	
(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 binder composition for making foundry molds, making it possible to improve the hardening speed of its acid-hardening resin, and the strength 5 of the mold to heighten the productivity of the mold, and further improve the working environment at the time of casting; and a method for producing a mold, using this composition. The present invention relates to a binder composition for making foundry molds which comprises an acid-hardening resin, and an 10 aromatic carboxylic acid having at least one hydroxyl group in an amount of 0.1 to 10% by weight. Preferably, the present invention relates to a binder composition for making foundry molds which further comprises a bivalent or trivalent metal element in an amount of 0.01 to 0.7% by weight in terms of metal 15 element content.

No. of Pages : 47 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL SUPPLY DEVICE

(51) International		(71)Name of Applicant •
classification	:F02M37/00,F02M37/08,F02M37/10	1)MITSUBA Corporation
(31) Priority Document No	:2010288664	Address of Applicant :2681 Hirosawa cho 1 chome Kiryu shi
(32) Priority Date	:24/12/2010	Gunma 3768555 Japan
(33) Name of priority	Japan	(72)Name of Inventor :
country	Japan	1)MIYAKI Atsushi
(86) International	·PCT/IP2011/070/83	2)HASHIMOTO Kiyoshi
Application No	20/12/2011	
Filing Date	.20/12/2011	
(87) International	·WO 2012/086634	
Publication No	. WO 2012/080034	
(61) Patent of Addition to	·NA	
Application Number	·NA	
Filing Date	.1 17 1	
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date	.1 1/ 1	

(57) Abstract :

A fuel supply device (1) includes a flange unit (case) (4) mounted on a bottom wall (bottom surface) (2b) of a fuel tank (2). A fuel pump (3) includes a metallic housing case (20) formed so as to cover surroundings of a motor unit (30) and a pump unit (40). The pump unit (40) has a pump case (45) formed of resin. A collar (21) which is in contact with the pump case (45), is formed inside the housing case (20). The fuel pump (3) is supported on the flange unit (4) via the collar (21).

No. of Pages : 40 No. of Claims : 6

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : USE OF ANILINE I THE RADIOSTABILIZATION OF OXIME LIGATION

(51) Internationalclassification(31) Priority Document No	:A61K47/48,A61K51/04,A61K51/08 :61/425399	 (71)Name of Applicant : 1)GE HEALTHCARE LIMITED Address of Applicant : Amersham Place Little Chalfont
(32) Priority Date (33) Name of priority country	:U.S.A.	2)MEDI PHYSICS INC. (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/065036 :15/12/2011	1)ENGELL Torgrim 2)OSBORN Nigel
(87) International Publication No	:WO 2012/087725	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of radiostabilizing an oxime ligation or imine formation reaction using aniline is described.

No. of Pages : 16 No. of Claims : 23

(21) Application No.5529/DELNP/2013 A

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUSED AMINODIHYDROTHIAZINE DERIVATIVES

 (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 	:A61K31/542,C07D279/08,C07D513/04 :1100181.5 :06/01/2011 :U.K. :PCT/EP2012/050122 :05/01/2012 :WO 2012/093148	 (71)Name of Applicant : 1)EISAI R&D MANAGEMENT CO. LTD Address of Applicant :6 10 Koishikawa 4 chome Bunkyo ku Tokyo 112 8088 Japan (72)Name of Inventor : 1)DIMOPOULOS Paschalis 2)HALL Adrian 3)KITA Yoichi 4)MADIN Andrew 5)SHUKER Nicola Louise
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2012/093148 ^o :NA :NA	5)SHUKER Nicola Louise
Filing Date	:NA	

(57) Abstract :

The present invention relates to a fused aminodihydrothiazine derivative of formula (I): wherein R is hydrogen or C alkyl optionally substituted by one to five halogen atoms; n is 0 1 2 or 3; Ar is phenyl or a 5 or 6 membered heteroaromatic group containing 1 2 or 3 N atoms which Ar is optionally substituted by one to three substituents selected from hal hydroxyl CN Calkyl Calkenyl Calkynyl alkoxy Ccycloalkoxy and pyrazine where Calkyl and Calkoxy are optionally substituted by one to three halogen atoms; and pharmaceutically acceptable salts thereof; which compound has an A production inhibitory effect or a BACE1 inhibitory effect and is useful as a prophylactic or therapeutic agent for a neurodegenerative disease1 caused by A and typified by Alzheimer type dementia.

No. of Pages : 75 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STEEL FOR CARBURIZING OR CARBONITRIDING APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C22C38/00,C22C38/28,C22C38/50 :2011012580 :25/01/2011 :Japan :PCT/JP2012/051333 :23/01/2012	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)DAITOH Yoshihiro
(87) International Publication No	:WO 2012/102233	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA	

(57) Abstract :

A steel for carburizing or carbonitriding applications, comprising, in mass%, 0.1-0.3% of C, 0.01-0.15% of Si, 0.6-1.5% ofMn, 0.012-0.05% ofS, 0.5-2.0% ofCr, 0.030-0.050% of Al, 0.0006-0.0025% of Ti, 0.010-0.025% of N, 0.0006-0.0012%% of O, optionally at least one element selected from M o in an amount of 0.5% o r less, N i in an amount of 1.5% or less and C u in an amount of 0.4% or less, and a remainder made u p by Fe and impurities, wherein the impurities contain 0.025% o r less of P and 0.003% or less o f Nb, and the following formulae: [-5.0 < log(TixN) < -4.4] and [-12.5 < log(Al 2 x 0 3) < -11.7] are fulfilled. The steel for carburizing o r carbonitriding applications exhibits excellent bending fatigue strength after being subjected t o a hot forging procedure and subsequently subjected to a carburizing or carbonitriding procedure, and i s suitable as a material steel for a compon ent that i s roughly molded by hot forging, such as a gear, a pulley and a shaft.

No. of Pages : 31 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIDE FILAMENT FASTENER		
 (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 	:G09F3/14 :61/426689 :23/12/2010 :U.S.A. :PCT/US2011/062205 :28/11/2011 :WO 2012/087494 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. (72)Name of Inventor : 1)COOPER William J. 2)DICKSON Adam

(57) Abstract :

A length of fastener stock (111) includes opposing first and second continuous side members (113 1) and (113 2) which are coupled together by a plurality of flexible cross links (117). Individual fasteners are selectively obtained from the stock (111) by cutting or separating the side members (113 1) and (113 2) at appropriate points (i.e. midway) between the cross links of filaments (117). Accordingly each fastener will include a first cross bar which has been cut from side member (113 1) and a second cross bar which has been cut from side member (113 2) the cross bars and being interconnected by the flexible filament (117). Suitably with respect to an axial cross section thereof the width W of the flexible filament (117) is greater than or equal to approximately one and a half times the height H of the filament (117).

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(51) International classification:B60Q2(31) Priority Document No:10 201(32) Priority Date:16/12/(33) Name of priority country:Germa(86) International Application No:PCT/EFiling Date:16/12/(87) International Publication No:WO 20(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAKan String Date:NAString Date:NA	Q3/02 010 054 817.0 2/2010 nany /EP2011/006381(71)Name of Applicant : 1)JOHNSON CONTROLS INTERIORS GMBH & CO. KG Address of Applicant :M¼lhausener Strae 35 47929 Grefrath Germany (72)Name of Inventor : 1)MLLER Wolfgang 2)KIRCH Jens 3)THUMA Oliver 4)EROGLU Yasar 5)DOLISY Jacky
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(54) Title of the invention : DEVICE FOR INTERIOR LIGHTING IN A MOTOR VEHICLE

(57) Abstract :

The invention relates to a device (40) for interior lighting in a motor vehicle, wherein the device (40) comprises a lamp (41), a reflection means (42) and a power distribution means (43) and wherein the lamp (41), the reflection means (42) and the power distribution means (43) are arranged on a common support structure (1).

No. of Pages : 20 No. of Claims : 12

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH PURITY E 1 CHLORO 3 3 3 TRIFLUOROPROPENE 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 	:C07C17/20,C07C19/10,C07C21/18 :12/984024 :04/01/2011 :U.S.A. :PCT/US2012/020035 :03/01/2012	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P.O. Box 2245 Morristown New Jersey 07962 2245 U.S.A. (72)Name of Inventor : 1)POKROVSKI Konstantin A. 2)SINGH Raijy Ratna
(87) International Publication No	:WO 2012/094288	3)SHANKLAND Ian 4)TUNG Hsueh Sung
(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 discloses high purity E 1 chloro 3 3 3 trifluoropropene (1233zd(E)) and methods to produce the same. More specifically the present invention discloses the methods of making 1233zd(E) essentially free of toxic impurities (e.g. 2 chloro 3 3 3 trifluoropropene (1233xf) chlorotetrafluoro propene (1224) and 3 3 3 trifluoropropyne). The present invention further provides methods for making high purity 1233zd(E) with concentration of 1233xf and 1224 at or below 200 parts per million (ppm) and 3 3 3 trifluoropropyne impurities at or below 20 ppm. Formation of 1233xf impurity can be avoided if pure 1 1 1 3 3 pentachloropropane is used as a starting material. It was also found that formation of 1233xf is avoided if a liquid phase manufacturing process is used.

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

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TILTABLE NOZZLE ASSEMBLY FOR AN OVERFIRE AIR PORT IN A COAL BURNING 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 Filing Date 	:F23C7/00 :61/430355 :06/01/2011 :U.S.A. :PCT/US2011/064350 :12/12/2011 :WO 2012/094100 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS ENERGY INC. Address of Applicant :4400 Alafaya Trail Orlando FL 32826 2399 U.S.A. (72)Name of Inventor : 1)SHAN Jiefeng 2)KAUSHANSKY Sergey
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(57) Abstract :

A combustor assembly in a coal burning power plant includes a combustor housing that defines a combustion zone in which pulverized coal is burned at least one burner that introduces pulverized coal into the combustion zone and an overfire air port that injects air into the combustor housing above the combustion zone the overfire air port being generally not movable with respect to the combustor housing. The combustor assembly further includes a nozzle assembly associated with the overfire air port. The nozzle assembly includes a flow directing structure disposed within the overfire air port which flow directing structure is tiltable with respect to the overfire air port to effect a change in a flow direction of the air being injected into the combustor housing through the overfire air port.

No. of Pages : 19 No. of Claims : 20

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CHAIN TRANSFER AGENT PHOTOSENSITIVE COMPOSITION CURED PRODUCT OF PHOTOSENSITIVE COMPOSITION AND METHOD FOR CURING PHOTOSENSITIVE COMPOSITION

(51) International classification	:C08F2/38,C08G18/67	(71)Name of Applicant :
(31) Priority Document No	:2011014885	1)AUTONETWORKS TECHNOLOGIES LTD.
(32) Priority Date	:27/01/2011	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
(33) Name of priority country	:Japan	Mie 5108503 Japan
(86) International Application No	:PCT/JP2012/051525	2)SUMITOMO WIRING SYSTEMS LTD.
Filing Date	:25/01/2012	3)SUMITOMO ELECTRIC INDUSTRIES LTD.
(87) International Publication No	:WO 2012/102299	4)KYUSHU UNIVERSITY
(61) Patent of Addition to Application	٠NIA	(72)Name of Inventor :
Number	.1N/A	1)HASE Tatsuya
Filing Date	.NA	2)MIZOGUCHI Makoto
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There are provided a photosensitive composition, and a cured product of the photosensitive composition, the photosensitive composition being an ultraviolet curable composition that is curable in a short time while a portion of the photosensitive composition such as a dark potion where radicals are not generated at all is curable. A cured product is obtained by curing a photosensitive composition by ultraviolet irradiation, the photosensitive composition containing an ultraviolet curable material, and a chain transfer agent that contains an ingredient (a) that is a compound containing at least one kind selected from the group consisting of a urethane bond, a urea bond and an isocyanate group, and an ingredient (b) that is a metal-containing compound, wherein a portion of the composition where irradiation light does not reach is curable.

No. of Pages : 104 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IONIC SPECIES REMOVAL SYSTEM

(51) International	:B01D61/44,B01D61/50,B01D61/52	(71)Name of Applicant :
classification	, , ,	I)GENERAL ELECTRIC COMPANY
(31) Priority Document No	:201110026590.1	Address of Applicant :1 River Road Schenectady NY 12345
(32) Priority Date	:25/01/2011	U.S.A.
(33) Name of priority country	v:China	(72)Name of Inventor :
(86) International	DCT/US2012/020051	1)YANG Hai
Application No	.FC1/052012/020051	2)WEI Chang
Filing Date	:03/01/2012	3)XIONG Rihua
(87) International Publication	·WO 2012/102835	4)BARBER John Harold
No	. WO 2012/102833	5)CAI Wei
(61) Patent of Addition to	- NT A	
Application Number		
Filing Date	:NA	
(62) Divisional to	.NT 4	
Application Number	INA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an ionic species removal system comprising one or more electrode stack(s) each electrode stack including two electrodes and cation exchange membranes and anion exchange membranes alternately arranged between the two electrodes wherein at least one electrode of at least one of the electrode stack(s) is an electrode coated with an ion exchange coating. The ionic species removal system mitigates the scaling risk by employing an electrode coated with an ion exchange coating.

No. of Pages : 17 No. of Claims : 14

(21) Application No.5538/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (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 	:H05K9/00,C08L101/00 :61/427619 :28/12/2010 :U.S.A. :PCT/US2011/067198 :23/12/2011 :WO 2012/092200 :NA :NA :NA :NA	 (71)Name of Applicant : SAINT GOBAIN PERFORMANCE PLASTICS CORPORATION Address of Applicant :1199 South Chillicothe Road Aurora Ohio 44202 U.S.A. (72)Name of Inventor : SOUSA Jose R. LENHERT Jon M. CHUNG Chan S.
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(54) Title of the invention : POLYMERS WITH METAL FILLER FOR EMI SHIELDING

(57) Abstract :

A composite material includes a thermoplastic material and a metallic filler dispersed within the thermoplastic material. The metallic filler may be fibrous particulate or a combination thereof. The metallic filler may have a length in a range of about 3 mm to about 10 mm and/or a mean particle size of about 2 microns to about 10 microns. The composite material may have a volumetric resistivity of not greater than about 0.5 Ohm cm. The composite material can be in the form of a sealing component.

No. of Pages : 18 No. of Claims : 17

(21) Application No.5539/DELNP/2013 A

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SLOT WEAR INDICATOR FOR A GRINDING TOOL

(57) Abstract :

Wear indicators for abrasive articles are presented. Specifically indicator marks that are parallel to a bonding edge of a grinding element are presented. Tools comprising a carrier element and one or more grinding elements comprising one or more indicators are also presented.

No. of Pages : 30 No. of Claims : 50

(21) Application No.5540/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C04B28/14 :12/976190 :22/12/2010 :U.S.A. :PCT/US2011/064118 :09/12/2011 :WO 2012/087608 :NA	 (71)Name of Applicant : 1)UNITED STATES GYPSUM COMPANY Address of Applicant :550 West Adams Street Chicago Illinois 60661 3676 U.S.A. (72)Name of Inventor : 1)VEERAMASUNENI Srinivas 2)YU Qiang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SET ACCELERATOR FOR GYPSUM HYDRATION

(57) Abstract :

In a first embodiment of the invention aged brushite is combined with calcium sulfate hemihydrate and water to make a gypsum slurry. Aged brushite slurry behaves similarly to calcium sulfate dihydrate to act as a seed crystal and rapidly initiate crystallization. The brushite slurry does not require the addition of a coating to maintain its activity over time compared to calcium sulfate dihydrate set accelerators. A gypsum based product made using brushite slurry as the set accelerator is a second embodiment. The product has the brushite molecules integrated as part of the calcium sulfate dihydrate matrix and is distributed throughout the matrix.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/06/2013

(54) Title of the invention : HIGH PRESSURE PUMP

(43) Publication Date : 05/12/2014

(51) International classification :F04B9/04,F04B1/04,F02M37/04 (71)Name of Applicant : (31) Priority Document No :10 2011 002 701.7 **1)ROBERT BOSCH GMBH** (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :14/01/2011 (33) Name of priority country :Germany Germany (86) International Application (72)Name of Inventor: :PCT/EP2011/074294 **1)DUTT Andreas** No :30/12/2011 Filing Date (87) International Publication :WO 2012/095270 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a high pressure pump having a fluid filled pump inner chamber (2) in a pump housing (1) in which a pump camshaft (3) having at least one cam (5a 5b) is rotatably mounted and at least one pump cylinder in which a pump tappet can be moved in a translational manner to convey fluid by means of a roller (6) of a roller tappet (7) rolling on the cam track of the pump camshaft (3) and wherein changing volumes (V1 V3 V4) in the pump inner chamber (2) which are formed by the rotating cams (5a 5b) and the roller tappet (7) are connected via a flow cross section for fluid exchange. According to the invention the equalisation flow of the increasing and reducing volumes (V1 V3 V4) formed in the pump inner chamber (1) between the rotating cams (5a 5b) and the roller tappet (7) is optimised. This is achieved in that the flow cross section is arranged in the region of the roller tappet (7) extending into the pump housing (1) and adjacent to the pump inner chamber (2).

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

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HUMAN MILK OLIGOSACCHARIDES FOR MODULATING INFLAMMATION

 (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 	:A61K31/7016,A61K31/702,A61P39/06 :61/428860 :31/12/2010 :U.S.A. :PCT/US2011/067027 :22/12/2011 :WO 2012/092158 D:NA :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park IL 60064 U.S.A. (72)Name of Inventor : 1)BUCK Rachael 2)DUSKA MCEWEN Geralyn O. 3)SCHALLER Joseph P.
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(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides that can be administered to preterm infants term infants toddlers and children for reducing inflammation and the incidence of inflammatory diseases.

No. of Pages : 65 No. of Claims : 15

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITIONS COMPRISING AND METHODS OF USING INHIBITORS OF SODIUM GLUCOSE COTRANSPORTERS 1 AND 2

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K9/16,A61K9/20,A61K31/335 :61/430027 :05/01/2011 :U.S.A. :PCT/US2012/020042 :03/01/2012	 (71)Name of Applicant : 1)LEXICON PHARMACEUTICALS INC. Address of Applicant :8800 Technology Forest Place The Woodlands TX 77381 U.S.A. (72)Name of Inventor : 1)CHEN Jinling 2)NYAMWEYA Nasser N. 3)ONG Kenneth K. H.
(87) International Publication No	:WO 2012/094293	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Pharmaceutical dosage forms useful for improving the cardiovascular and/or metabolic health of patients particularly those suffering from type 2 diabetes are disclosed as well as methods of their manufacture.

No. of Pages : 54 No. of Claims : 15

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RELIEF VALVE OF A FUEL INJECTION 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 	:F02M59/44,F02M59/34,F02M63/00 :102011003089.1 :25/01/2011 :Germany :PCT/EP2011/074319 :30/12/2011 :WO 2012/100898 :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : LUCARELLI Francesco BESANCON Sylvain LAMM Marco
Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to a relief valve (7) of a fuel injection system for an internal combustion engine wherein the relief valve (7) comprises at least a valve housing (8) a piston (9) and a valve spring retainer (11). According to the invention such a relief valve (7) is improved with respect to operation in a fuel critical manner. The aim is achieved in that at least one component of the relief valve (7) is manufactured of a non steel material.

No. of Pages : 11 No. of Claims : 8

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEMS DEVICES AND METHODS FOR STREAMING MULTIPLE DIFFERENT MEDIA CONTENT IN A DIGITAL 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 	:G06Q50/00,G06F3/048 :61/572304 :02/12/2010 :U.S.A. :PCT/US2011/062901 :01/12/2011 :WO 2012/075295 :NA	 (71)Name of Applicant : 1)DAYSPARK INC. Address of Applicant :800 Bellevue Way NE #431 Bellevue WA 98004 U.S.A. (72)Name of Inventor : 1)DAY Alexandrea L.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A user interface is configured to present a plurality of user selectable icons. Each user selectable icon of the plurality of user selectable icons is individually configured to trigger playing of different streaming media content in an area on the user interface of the user selectable icon upon a cursor over or hover action on the user selectable icon or other selection action by the user. The user selectable icons are presented in a digital container wherein the container is configured to display contents of the container within a defined area on the user interface such as a Web page. The container may include a single user selectable icon that is individually configured to trigger playing of streaming media content or multiple different user selectable icons that are each individually configured to trigger playing of different streaming media content based on assigned specifications or selected criteria. The different pieces of streaming media content are able to be moved in and out of the digital container for playing upon the selection of the user selectable icon based on various criteria. The different streaming media content may be automatically individually selected based on defined criteria such as the location of the user detected user preferences and various paid advertisement models.

No. of Pages : 56 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TOBACCO CUT FILLER INCLUDING CUT ROLLED STEMS (51) International classification :A24B5/16 (71)Name of Applicant : (31) Priority Document No 1)PHILIP MORRIS PRODUCTS S.A. :10252214.1 (32) Priority Date Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchatel :23/12/2010 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2011/073789 (72)Name of Inventor : 1)DE BORST Roelof Cornelis Filing Date :22/12/2011 (87) International Publication No :WO 2012/085201 2)TRITZ Poh Yoke (61) Patent of Addition to Application **3)HOFFMANN Harald** :NA Number **4)KUERSTEINER Charles** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A tobacco cut filler for a smoking article comprises at least 5 % by weight of cut rolled tobacco stems having a mean cut width of 0.1 mm to 0.2 mm and a mean cross sectional area of between 0.12 and 0.15 square millimetres. The mean thickness of the cut rolled stems is preferably between 0.8 mm and 1.0 mm.

No. of Pages : 13 No. of Claims : 14

(21) Application No.5663/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

 (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 :2010280041 :16/12/2010 :Japan :PCT/JP2011/073875 :17/10/2011 :WO 2012/081305 :NA :NA :NA	 (71)Name of Applicant : 1)MURATA MACHINERY LTD. Address of Applicant :3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan (72)Name of Inventor : 1)TANIMOTO Yoshifumi
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(54) Title of the invention : RELAY COMMUNICATION SYSTEM AND RELAY SERVERS

(57) Abstract :

A virtual network is dynamically created, when constructing a relay communication system including a plurality of relay servers that can communicate with each other. In the relay communication system, the VLAN client terminals constituting a VLAN group are allowed to share VLAN group information. In addition, a VLAN session between VLAN devices as activatable VLAN client terminals is established based on the VLAN group information, and the VLAN devices are allowed to share virtual address information created when the VLAN group is activated. If the VLAN device constituting the activated VLAN group is suspended, suspension of the VLAN device is notified, and a VLAN device about which the suspension has been notified is deleted from the virtual address information. The VLAN session related to the VLAN device about which the suspension has been notified is closed.

No. of Pages : 134 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

:G01N31/22,G01N21/64 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/005134 (32) Priority Date Address of Applicant :1 River Road Schenectady NY 12345 :12/01/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/063371 (72)Name of Inventor : Filing Date :06/12/2011 1)CHEN Bingzhi (87) International Publication No :WO 2012/096724 2)AGREE Alan Michael (61) Patent of Addition to Application 3)XIAO Caibin :NA Number 4)YU Chunbo :NA Filing Date 5)XU Hong (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS OF USING CYANINE DYES FOR THE DETECTION OF ANALYTES

(57) Abstract :

The present invention concerns a method of measuring the concentration of an analyte in an aqueous solution that comprises the steps of: obtaining an aqueous solution containing an analyte providing a cyanine indicator placing the aqueous solution in fluid communication with the cyanine indicator measuring a detectable property change of the cyanine indicator and comparing the detectable property change of the cyanine indicator with a calibration curve of the detectable property change of samples containing known concentrations of the analyte to determine the concentration of the analyte wherein the detectable property change is proportional to the concentration of the analyte in said aqueous solution.

No. of Pages : 33 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR REPORTING CHANNEL INFORMATION (51) International classification :H04L12/24 (71)Name of Applicant : (31) Priority Document No 1)NOKIA SIEMENS NETWORKS OY :NA (32) Priority Date Address of Applicant :Karaportti 3 FI 02610 Espoo Finland :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No 1)RUUSKA Paivi :PCT/CN2011/070357 2) **PIIPPONEN** Antti Filing Date :18/01/2011 (87) International Publication No :WO 2012/097502 3)DU Lei (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In accordance with an example embodiment of the present invention apparatus comprising a transmitter configured to output information a processing core configured to obtain information concerning in device multiradio interference the processing core being configured to assign at least one priority to at least one channel of a first radio access technology in dependence of the information concerning in device multiradio interference and the processing core being configured to cause the transmitter to output channel information comprising an indication of the at least one priority for transmission to a base station of the first radio access technology.

No. of Pages : 25 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MODIFIED INFLUENZA HEMAGGLUTININ PROTEINS 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 	:A61K39/145,C12N15/44 :61/426390 :22/12/2010 :U.S.A. :PCT/US2011/066867 :22/12/2011 :WO 2012/088428 :NA :NA :NA :NA	 (71)Name of Applicant : NOVAVAX INC. Address of Applicant :9920 Belward Campus Drive Rockville Maryland 20850 U.S.A. (72)Name of Inventor : SMITH Gale LIU Ye MASSARE Michael SINGHVI Rahul
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(57) Abstract :

The present invention is generally directed to modified influenza hemagglutinin (HA) proteins and methods for making and using them including their use in immunogenic compositions such as vaccines for the treatment and/or prevention of influenza infection.

No. of Pages : 57 No. of Claims : 46

(21) Application No.5661/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELEVATOR GOVERNOR HAVING TWO TRIPPING MECHANISMS ON SEPARATE SHEAVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B66B11/08,B66B7/06,B66B5/24 :NA :NA :NA :PCT/US2011/023890 :07/02/2011	 (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :Ten Farm Springs Farmington CT 06032 U.S.A. (72)Name of Inventor : 1)DUBE Randall S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An exemplary elevator system includes an elevator car. A first governor sheave is supported on the elevator car for movement with the elevator car. The first governor sheave is supported for rotational movement relative to the elevator car responsive to movement of the elevator car. A first governor tripping mechanism is supported on the first governor sheave. The first governor tripping mechanism provides an indication to perform a first governor function for controlling the speed of the elevator car responsive to the elevator car moving at a speed above a first threshold speed. A second governor sheave is supported on the elevator car. A second governor tripping mechanism is supported on the second governor sheave is supported on the elevator car. A second governor tripping mechanism is supported on the second governor tripping mechanism provides an indication to perform a second governor sheave. The second governor tripping mechanism provides an indication to perform a second governor function for controlling a speed of the elevator car responsive to the elevator car and for rotational movement relative to the elevator car responsive to movement of the elevator car. A second governor tripping mechanism provides an indication to perform a second governor function for controlling a speed of the elevator car responsive to the elevator car moving at a speed above a second threshold speed.

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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : KNOCKING 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 	:G01H17/00,F02D35/00,G01L23/22 :NA :NA :NA :PCT/JP2011/001056 :24/02/2011 :WO 2012/114380	 (71)Name of Applicant : 1)NGK SPARK PLUG CO. LTD. Address of Applicant :14 18 Takatsuji cho Mizuho ku Nagoya shi Aichi 4678525 Japan (72)Name of Inventor : 1)HIRATA Tomohiro 2)NOMURA Takuma
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ¹ :NA :NA	

(57) Abstract :

Provided is a knocking sensor having favorable insulation properties even at usage temperatures of 150°C and higher and having superior knocking detection precision. A knocking sensor (10) comprises a sensor body (20) and a resin molding (11) for covering the sensor body (20) the sensor body having a main metal fitting (12) including a tubular part (12a) and a flange part (12b) which projects toward the outside in the radial direction while also being positioned on one end of the tubular part (12a) an annular piezoelectric element (15) an upper electrode plate (16) and lower electrode plate (14) superimposed on the upper surface and lower surface of the piezoelectric element (15) a weight (17) sandwiching the piezoelectric element (15) with the flange part (12b) a lower insulating plate (13) disposed between the flange part (12b) and the lower electrode plate (14) and an upper insulating plate (13t) disposed between the upper electrode plate (16) and the weight (17). The thicknesses of the upper insulating plate (16) and the lower insulating plate (14) are within the range of 0.05 0.50 mm. The resin molding (11) is constituted of a polyphenylene sulfide having favorable heat resistance.

No. of Pages : 24 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEMOSTATIC PREPARATION CONTAINING AN EXTRACT OF GOLDEN MOSS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (35) Priority Date (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) International Publication No (31) International Publication No (32) Internatio	ame of Applicant : FHICON INC. ddress of Applicant :U.S. Route 22 Somerville NJ 08876 ame of Inventor : YANG Yi lan ING Xintian
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(57) Abstract :

The present invention relates generally to agents and devices for promoting hemostasis and more particularly to an extract of a plant based Traditional Chinese Medicinal product and devices incorporating such agents for the delivery thereof to bleeding wounds.

No. of Pages : 16 No. of Claims : 17

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH STRENGTH GLASS COMPOSITION AND FIBERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C03C3/087,C03C3/085,C03C13/00 :NA :NA :NA :PCT/US2010/061810 :22/12/2010	 (71)Name of Applicant : 1)AGY HOLDING CORPORATION Address of Applicant :2556 Wagener Road Aiken South Carolina 29801 U.S.A. (72)Name of Inventor : 1)HAUSRATH Robert 2)LONGOBARDO Anthony
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Glass compositions and high modulus and high strength glass fibers made therefrom being capable of economical continuous processing and suitable for the production of high strength and/or high stiffness low weight composites such as windturbine blades the glass composition comprises the following constituents in the limits defined below expressed as weight percentages: between about 56 to about 61 weight percent SiO; between about 16 to about 23 weight percent AlO wherein the weight percent ratio of SiO/AlO is between about 2 to about 4; between about 8 to about 12 weight percent MgO; between about 6 to about 10 weight percent CaO wherein the weight percent ratio of MgO/CaO is between about 0.7 to about 1.5; between about 2 weight percent NaO; less than about 1 weight percent LiO; and total residual transition metal oxides of less than about 2 weight percent.

No. of Pages : 20 No. of Claims : 29
(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (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 Eiling Date 	:B25J9/10 :2011000979 :06/01/2011 :Japan :PCT/JP2011/007090 :19/12/2011 :WO 2012/093447 :NA :NA :NA	 (71)Name of Applicant : 1)SEIKO EPSON CORPORATION Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan (72)Name of Inventor : 1)SASAI Shigenori
Filing Date	:NA :NA	

(54) Title of the invention : ROBOT AND ROBOT NOISE REMOVAL METHOD FOR THE ROBOT

(57) Abstract :

Provided is a robot comprising: an arm (101); an arm linking part (104) which includes a motor (103) and a torque transmission mechanism (102) that cause the arm to rotate; a base (105) which is linked to the arm linking part (104) at an end section of the arm (101); an angle sensor (106) for detecting the rotation angle of the motor (103) and outputting rotation angle information with regard to the motor (103); an inertia sensor (107) which outputs information with regard to inertial force acting on the arm (101); a control part (108) for controlling rotational movement of the arm (101); a noise detection part (109) for detecting the noise frequency of the inertia sensor (107) from the output of the angle sensor (106) and the output of the inertia sensor (107); a filter constant determination part (110) for determining the characteristics of a filter (111) from information of the noise detection part (109); and the filter (111) for removing noise of the inertia sensor (107) on the basis of the filter constant determination part (110).

No. of Pages : 49 No. of Claims : 11

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR IMPROVED ISOPRENE PRODUCTION USING TWO TYPES OF ISPG ENZYMES

 (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 	:C12N9/02,C12N9/04,C12N9/10 :61/426505 :22/12/2010 :U.S.A. :PCT/US2011/066949 :22/12/2011 :WO 2012/088462 :NA	 (71)Name of Applicant : 1)DANISCO US INC. Address of Applicant :925 Page Mill Road Palo Alto California 94304 1013 U.S.A. 2)THE GOODYEAR TIRE & RUBBER COMPANY (72)Name of Inventor : 1)MUIR Rachel E. 2)WEYLER Walter
Application Number Filing Date (62) Divisional to Application	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides for compositions and methods for producing isoprene by using recombinantly engineered cells that utilize a system of dual IspG enzymes in addition to isoprene synthase.

No. of Pages : 62 No. of Claims : 29

(21) Application No.5557/DELNP/2013 A

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TAMPER RESISTANT SOLID ORAL DOSAGE FORMS

 (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 	:A61K9/20,A61K31/485 :61/426903 :23/12/2010 :U.S.A. :PCT/IB2011/003162 :22/12/2011 :WO 2012/085657 :NIA	 (71)Name of Applicant : 1)PURDUE PHARMA L.P. Address of Applicant :One Stamford Forum 201 Tresser Boulevard Stamford CT 06901 3431 U.S.A. (72)Name of Inventor : 1)SACKLER Richard S.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

Disclosed in certain embodiments is a solid oral dosage form comprising: (a) an inert tamper resistant core; and (b) a coating surrounding the core the coating comprising an active agent.

No. of Pages : 38 No. of Claims : 51

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MATERIALS AND METHODS FOR CONJUGATING A WATER SOLUBLE FATTY ACID DERIVATIVE TO A PROTEIN

(57) Abstract :

The invention relates to materials and methods of conjugating a water soluble fatty acid derivative to a therapeutic protein comprising contacting the therapeutic protein with an activated water soluble fatty acid derivative under conditions that allow conjugation.

No. of Pages : 94 No. of Claims : 79

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MONITORING 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 	:G01N15/14,G01N35/00 :10015858.3 :21/12/2010 :EPO :PCT/EP2011/071060 :25/11/2011 :WO 2012/084409 :NA :NA :NA	 (71)Name of Applicant : 1)GRUNDFOS MANAGEMENT A/S Address of Applicant :Poul Due Jensens Vej 7 11 DK 8850 Bjerringbro Denmark (72)Name of Inventor : 1)BENTIEN Anders
Filing Date	:NA	

(57) Abstract :

The present invention relates to a monitoring system (2) for monitoring the number and/or concentration of particles and/or micro organisms (12 22) in a fluid (10). The monitoring system (2) is configured to generate an alarm if a predefined criterion is meet. The monitoring system (2) comprises a micro processor (6) configured to execute programmed instructions in order to identify and classify particles (12); storage means (8) and an optical sensor member (40) comprising: a 2 d optical sensor (4) and a light source (36). The optical sensor member (40) is configured to record at least one image of at least a part of the fluid (10) and the monitoring system (2) is configured to determine the number and/or concentration of particles (12) in the fluid (10) on the basis of the optical response of single particles (12) in a sample zone (38) in the fluid (10). The fluid (10) in the sample zone (38) is kept stationary relative to the optical sensor member (40) during the recording of an image.

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

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TITANIA SUPPORTED HYDROTREATING CATALYSTS

(51) International classification	:B01J23/882,B01J23/883,B01J23/94	(71)Name of Applicant : 1)SACHTLEBEN CHEMIE GMBH
(31) Priority Document No	:10196016.9	Address of Applicant :Dr. Rudolf Sachtleben Str. 4 4/198
(32) Priority Date	:20/12/2010	Duisburg Germany
(33) Name of priority country	/.EPO	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2011/073210 :19/12/2011	1)BONN‰ Raimond L. C. 2)GONSIOROV Olga 3)SCHULTE Markus
(87) International Publication No	:WO 2012/084800	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is concerned with shaped TiO supported catalysts containing at least molybdenum or tungsten as active components for hydrotreating processes in particular for the removal of sulfur and nitrogen compounds as well as metals out of crude oil fractions and for the hydrogenation of sulfur oxides.

No. of Pages : 30 No. of Claims : 14

(22) Date of filing of Application :25/06/2013

(54) Title of the invention : METHOD FOR PRODUCING AND PURIFYING 3 AMINOPROPANOL

(51) International classification	:C07C211/27,C07C213/02,C07C213/10	(71)Name of Applicant : 1)BASF SE
(31) Priority Document No	:61/422673	Address of Applicant :67056 Ludwigshafen Germany (72) Name of Inventor :
(32) Priority Date	:14/12/2010	1)KROLL Manfred
(33) Name of priority country	:U.S.A.	2)HERRMANN Andreas Edgar 3)HERBRECHT Dominik
(86) International Application No Filing Date	:PCT/EP2011/072587 :13/12/2011	
(87) International Publication No	:WO 2012/080233	
 (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 method for purifying a reaction product containing 3 aminopropanol said reaction product being produced in the reaction of ethylene cyanohydrin with hydrogen in the presence of ammonia characterized in that the reaction product containing 3 aminopropanol is distilled in two or more stages wherein the ammonia content of the reaction product containing 3 aminopropanol is 1 wt% or less before the reaction product is introduced into the first distillation stage and the temperature in the distillation stages is not more than 135°C. The invention further relates to a method for producing 3 aminopropanol by reacting ethylene cyanohydrin with hydrogen in the presence of ammonia characterized in that the reaction product containing 3 aminopropanol is purified according to the invention. The invention further relates to a method for producing 3 aminopropanol derivatives in particular panthenol acamprosate mefenorex domperidone ifosfamide or urapidil from 3 aminopropanol produced according to the invention.

No. of Pages : 30 No. of Claims : 14

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DRUG DELIVERY DEVICE

(51) International	·A61K47/30 A61K31/00 A61K31/405	(71)Name of Applicant :
classification		1)UNIVERSITY OF THE WITWATERSRAND
(31) Priority Document No	:2010/03748	JOHANNESBURG
(32) Priority Date	:26/11/2010	Address of Applicant :1 Jan Smuts Avenue Braamfontein 2050
(33) Name of priority	Courth A fries	Johannesburg Gauteng South Africa
country	South Africa	(72)Name of Inventor :
(86) International	DCT/ID2011/055220	1)DU TOIT Lisa Claire
Application No	:PC1/IB2011/055328	2)PILLAY Viness
Filing Date	:28/11/2011	3)CHOONARA Yahva Essop
(87) International	NIC 2012/070027	4)GOVENDER Thirumala
Publication No	:WO 2012/0/002/	5)CARMICHAEL Trevor Robin
(61) Patent of Addition to	·N A	
Application Number		
Filing Date	.NA	
(62) Divisional to	- NT A	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an inflammation responsive implantable device for the in situ delivery of one or more pharmaceutically active agents to a human or animal. The device comprises two differential release bioresponsive polymeric matrices (BPMs): an outer polymetric matrix and an inner polymeric matrix both of which contain at least one pharmaceutically active agent or drug typically an antibiotic and an anti inflammatory agent respectively. The therapeutically effective agent may be emdedded in nanoparticles or nanobubbles. In response to inflammation the pharmaceutically active agents are released but at different rates: the rate of drug release from the inner polymeric matrix is lower than the rate of drug release from the outer polymeric matrix. Suitable polymers for forming the outer and inner polymeric matrices are hyaluronic acid and chitosan respectively. A method of making the device and a method of treatment are also described.

No. of Pages : 61 No. of Claims : 30

(21) Application No.5571/DELNP/2013 A

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SELECTIVE DETECTION OF HAEMOPHILUS INFLUENZAE

(51) International classification(31) Priority Document No(32) Priority Data	:C12Q1/68,C12Q1/04,C12N15/11 :61/436535 :26/01/2011	(71)Name of Applicant : 1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF
(33) Name of priority country (86) International Application	:U.S.A.	THE DEPARTMENT OF HEALTH AND HUMAN
No Filing Date	:PCT/US2012/022753 :26/01/2012	Address of Applicant :Centers for Disease Control and Prevention Technology Transfer Office 4770 Buford Highway MS
(87) International Publication No	:WO 2012/103353	K79 Atlanta GA 30341 U.S.A. (72) Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)THOMAS Jennifer Dolan 2)WANG Xin 3)HATCHER Cynthia
(62) Divisional to Application Number Filing Date	:NA :NA	4)ANDERSON Raydel 5)THEODORE Mary Jordan 6)MAYER Leonard W.

(57) Abstract :

A process for detecting nucleic acid in a sample includes producing an amplification product by amplifying a nucleotide sequence and measuring the amplification product to detect in the sample. Some embodiments allow direct serotype determination in a single step assay. Also provided are reagents and methods for detecting and distinguishing from other infectious agents. A kit is provided for detecting and quantifying in a sample.

No. of Pages : 46 No. of Claims : 64

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOIST BLANKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (56) International Application No (71) Priority Date (71) Priority Date (71) Priority Date (72) Priority Date (73) Name of priority country (74) Priority Date (75) Prio	 (71)Name of Applicant : 1)NICHIAS CORPORATION Address of Applicant :1 26 Shibadaimon 1 chome Minato ku Tokyo 1058555 Japan (72)Name of Inventor : 1)ISHIHARA Tetsuya 2)MIHARA Tetsuya 3)YONAIYAMA Ken 4)KISHIKI Tomohiko
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(57) Abstract :

This moist blanket is characterized in that a blanket comprising biosoluble inorganic fibers is impregnated with a colloidal silica solution so as to become moist. The moist blanket cures so as to become a cured blanket.

No. of Pages : 19 No. of Claims : 13

(21) Application No.5573/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONDITIONALLY PRECHARGED MATCHLINE OF A CONTENT ADDRESSABLE MEMORY

 (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 	:G11C15/04 :12/975601 :22/12/2010 :U.S.A. :PCT/US2011/066774 :22/12/2011 :WO 2012/088389 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place Sunnyvale California 94085 U.S.A. (72)Name of Inventor : 1)SINGH Mandeep 2)MCINTYRE David Hugh 3)NGO Hung Phuong
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(57) Abstract :

A conditionally precharged content addressable memory (CAM) includes forcing a mismatch on a matchline of the CAM if a data entry in the CAM is invalid. The matchline of the CAM is precharged only if the data entry is valid.

No. of Pages : 19 No. of Claims : 20

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL PRODUCTS INCLUDING A NOVEL FAT SYSTEM INCLUDING MONOGLYCERIDES

 (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 	:A23L1/30,A23L1/29,A23C9/152 :61/428168 :29/12/2010 :U.S.A. :PCT/US2011/066680 :21/12/2011 :WO 2012/092088 :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)LAI Chron Si
Number Filing Date	:NA	

(57) Abstract :

Disclosed are nutritional formulations including predigested fats that can be administered to preterm infants infants toddlers and children for improving tolerance digestion and absorption of nutrients and for reducing the incidence of necrotizing enterocolitis colic and short bowel syndrome. The predigested fats include fatty acid containing monoglycerides and/or a fatty acid component.

No. of Pages : 49 No. of Claims : 15

(21) Application No.5575/DELNP/2013 A

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISC ROLL AND BASE MATERIAL 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 	:C04B35/80,C03B17/06,C03B35/18 :13/067011 :02/05/2011 :U.S.A. :PCT/JP2012/002796 :24/04/2012	 (71)Name of Applicant : 1)NICHIAS CORPORATION Address of Applicant :1 26 Shibadaimon 1 chome Minato ku Tokyo 1058555 Japan (72)Name of Inventor : 1)HORIUCHI Osamu 2)WATANABE Kazuhisa 3)NAKAYAMA Masaaki
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

A disc roll base material comprising 25 50 weight% of ceramic fiber 5 30 weight% of kibushi clay 2 20 weight% of bentonite and 25 45 weight% of a filler selected from alumina wollastonite and calcined kaolin.

No. of Pages : 16 No. of Claims : 11

(21) Application No.5576/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INDIRECT SUBSTRATES FOR MICROORGANISMS METABOLIZING 1 2 PROPANEDIOL

 (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 	:A23L1/30,A23L1/308 :61/463846 :23/02/2011 :U.S.A. :PCT/SE2012/050202 :23/02/2012 :WO 2012/115588 :NA :NA :NA	 (71)Name of Applicant : 1)BIOGAIA AB Address of Applicant :Box 3242 S 103 64 Stockholm Sweden (72)Name of Inventor : 1)Roos Stefan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates generally to enhanced activity of certain probiotics. The increased efficacy is achieved by using certain substrate components that indirectly supply the probiotics with a specific source of energy. The substrate components are specifically designed to stimulate 1 2 propanediol production. The substrate is exemplified with rhamnose fucose pectin with a high percentage of rhamnose and fucodian having a high percentage of fucose.

No. of Pages : 20 No. of Claims : 17

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL FORMULATIONS INCLUDING HUMAN MILK OLIGOSACCHARIDES AND LONG CHAIN POLYUNSATURATED POLYUNSATURATED FATTY ACIDS AND USES THEREOF

(51) International classification	:A23L1/29,A23L1/30,A61P37/00	(71)Name of Applicant :
(31) Priority Document No	:61/428861	1)ABBOTT LABORATORIES
(32) Priority Date	:31/12/2010	Address of Applicant :100 Abbott Park Road Dept. 0377
(33) Name of priority country	:U.S.A.	AP6A 1 Abbott Park Illinois 60064 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/067022 :22/12/2011	(72)Name of Inventor :1)BUCK Rachael2)DUSKA MCEWEN Geralyn O.
(87) International Publication No	:WO 2012/092157	3)GOEHRING Karen C. 4)SCHALLER Joseph P.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides in combination with long chain polyunsaturated fatty acids and/or carotenoids that can be administered to preterm infants term infants toddlers and children for reducing inflammation and the incidence of inflammatory diseases.

No. of Pages : 65 No. of Claims : 15

(21) Application No.5597/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STEEL CORD FOR REINFORCING RUBBER ARTICLE AND PNEUMATIC TIRE USING SAME (51) International classification :D07B1/06,B60C9/20 (71)Name of Applicant : (31) Priority Document No **1)BRIDGESTONE CORPORATION** :2010280551 (32) Priority Date Address of Applicant :10 1Kyobashi 1 chome Chuo ku Tokyo :16/12/2010 (33) Name of priority country :Japan 1048340 Japan (86) International Application No (72)Name of Inventor : :PCT/JP2011/078925 1)OYAMA Yuji Filing Date :14/12/2011 (87) International Publication No :WO 2012/081624 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided is a steel cord for reinforcing rubber articles which has both rubber penetration and productivity and which allows to reduce the weight of a tire without i compromising the strength of the tire when applied to a tire, and a pneumatic tire using the same. The steel cord for reinforcing rubber articles of the present invention is a steel cord for reinforcing rubber articles comprising a core formed by arranging two core filaments in parallel without twisting the filaments together, and six sheath filaments twisted around the core. Letting the diameter of the core filament dc (mm), the diameter of the sheath filament ds (mm) and sheath filament twist pitch p (mm), an average sheath filament interval D represented by the following Formula (I): $D = [L - 6ds \{ 1 + (L/p)2 \} 1/2]/6$ (I), (where L = (7t + 2)dc + rcds) is from 25 to 80 um.

No. of Pages : 76 No. of Claims : 32

(21) Application No.5598/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

 (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 	:H04L12/56 :2010280035 :16/12/2010 :Japan :PCT/JP2011/073873 :17/10/2011	 (71)Name of Applicant : 1)Murata Machinery Ltd. Address of Applicant :3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan (72)Name of Inventor : 1)TANIMOTO Yoshifumi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : RELAY COMMUNICATION SYSTEM AND RELAY SERVERS

(57) Abstract :

A virtual network is dynamically created, when a relay communication system is constructed including a plurality of relay servers that can communicate with each other. In the relay communication system, the VLAN client terminals constituting the VLAN group are allowed to share I | VLAN group information. In addition, a VLAN session is established between the activatable VLAN devices among the VLAN client terminals based on the VLAN group information, and the VLAN devices are allowed to of share virtual address information created when the VLAN group is activated. The VLAN device sets the given virtual address into a VLAN interface of the VLAN device, and communicates with

No. of Pages : 100 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SHORT COOKING DRY PASTA ITS USE AND PROCESS FOR THE PREPARATION

(51) International classification	:A23L1/303,A23L1/162	(71)Name of Applicant :
(31) Priority Document No	:10196402.1	1)NESTEC S.A.
(32) Priority Date	:22/12/2010	Address of Applicant : Av. Nestl 55 Gudrun Elleby CH 1800
(33) Name of priority country	:EPO	Vevey Switzerland
(86) International Application No	:PCT/EP2011/073845	(72)Name of Inventor :
Filing Date	:22/12/2011	1)BATTAINI Giuseppe
(87) International Publication No	:WO 2012/085233	
(61) Patent of Addition to Application	·NI A	
Number	.INA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a short cooking dry pasta composition comprising flour egg ascorbic acid at least 7 % carrot juice concentrate between 0.5 and 10 % of water wherein the total carotenoids content consists of at least 100 ppm. The invention concerns further the process for the preparation of said composition.

No. of Pages : 16 No. of Claims : 20

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM OF A CONTAINER FOR STORING AND DISPENSING A PRODUCT AND A MACHINE FOR DOSING THE PRODUCT

 (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 	:A47J31/40,A47J42/50 :10196371.8 :22/12/2010 :EPO :PCT/EP2011/073430 :20/12/2011 :WO 2012/084964 :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)LAITHIER Karine 2)CONTAL Alain 3)FABOZZI Thierry Jean Robert 4)MANDRALIS Zenon Ioannis 5)SCORRANO Lucio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention concerns a container (1) for storing and dispensing a flowable product comprising a tank (2) and a dispensing closure for dispensing the product from the tank comprising disc member (3 4) with apertures(31 41) therein one of the disc (4) being rotatable and susceptible to cooperate with a rotatable shaft. The invention also concerns a machine susceptible to be fed with a flowable product stored in such a container said machine comprising disc members (8 9) with apertures (81 91) therein one of the disc (9) being rotatable and cooperating with a rotatable shaft (11).

No. of Pages : 26 No. of Claims : 19

(21) Application No.5722/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMMUNOSUPPRESSANT FORMULATIONS (51) International classification :A61K9/20,A61K31/397 (71)Name of Applicant : (31) Priority Document No **1)NOVARTIS AG** :11150431.2 (32) Priority Date Address of Applicant : Lichtstrasse 35 CH 4056 Basel :07/01/2011 Switzerland (33) Name of priority country :EPO (86) International Application No (72)Name of Inventor : :PCT/EP2012/050151 Filing Date **1)BOUILLOT Philippe** :05/01/2012 (87) International Publication No :WO 2012/093161 2) **REYNAUD Emeric** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a solid phase pharmaceutical composition comprising one or more pharmaceutically acceptable excipients and an active pharmaceutical ingredient (API) which is a compound of formula A1 or A2 or a pharmacologically acceptable salt solvate or hydrate thereof wherein the API is not exposed to a basic compound.

No. of Pages : 41 No. of Claims : 13

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OPTOELECTRONIC DEVICE SYSTEM AND METHOD FOR OBTAINING AN AMBIENT LIGHT SPECTRUM AND MODIFYING AN EMITTED LIGHT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (38) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) International Publication No (32) International Publication No (31) International Publication No (32) International Publication No (32) International Publication No (31) International Publication No (32) International Publication No (32) International Publication No (31) International Publication No (32) International Publication No (32)	7/02,H05B33/08(71)Name of Applicant : 1)FUNDACI INSTITUT DE RECERCA DE LENERG A DE CATALUNYA Address of Applicant :Jardins de les Dones de Negre nº 1 2a. planta E 08930 Sant Adri del Bes²s Spain (72)Name of Inventor : 1)CARRERAS MOLINS Josep Maria
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(57) Abstract :

An optoelectronic device is provided characterized in that it comprises a plurality of light emitters arranged to be able to illuminate an area of an environment a CMOS based miniaturized spectrometer arranged to obtain the light spectrum of environmental light within the area of the environment and control means for modifying the emission of the light emitters based on the obtained light spectrum. Also a system for modifying the environmental light of an area is provided the system comprising at least two optoelectronic devices and means to transmit information between them. Furthermore a method for modifying the environmental light of an area a computer program product for performing said method a reflective device for determining the calibration of an optoelectronic device and a method thereof.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ORAL CARE	IMPLEMENT	
(51) International classification	:A46B9/04,A46D1/00	(71)Name of Applicant :
(31) Priority Document No	:61/432109	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:12/01/2011	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:U.S.A.	10022 U.S.A.
(86) International Application No	:PCT/US2011/056557	(72)Name of Inventor :
Filing Date	:17/10/2011	1)MINTEL Thomas
(87) International Publication No	:WO 2012/096700	2)HOHLBEIN Douglas
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A toothbrush comprising a tapered bristle having a cross sectional profile with a major axis and a minor axis. In one embodiment the invention can be an oral care implement comprising: a head; a handle; and at least one tapered bristle extending from a face of the head the tapered bristle having a longitudinal axis and a transverse cross sectional profile having a major axis and a minor axis the major axis being longer than the minor axis.

No. of Pages : 30 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ORAL CARE	IMPLEMENT	
(51) International classification	:A46B9/04,A46D1/00	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date(33) Name of priority country	:61/432111 :12/01/2011 :U.S.A.	1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 U.S.A.
(86) International Application No Filing Date(87) International Publication No	:PCT/US2011/056560 :17/10/2011 :WO 2012/096701	(72)Name of Inventor :1)MINTEL Thomas2)HOHLBEIN Douglas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An oral care implement comprising at least one tapered bristle. In one embodiment the invention can be an oral care implement comprising: a handle; a head having a face; a tuft hole in the face the tuft hole having a polygonal transverse cross sectional profile; and a bristle tuft mounted in the first tuft hole and extending from the face of the head the first bristle tuft comprising a plurality of tapered bristles.

No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H02K3/04	(71)Name of Applicant :
(31) Priority Document No	:2010291549	1)HITACHI AUTOMOTIVE SYSTEMS LTD.
(32) Priority Date	:28/12/2010	Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki
(33) Name of priority country	:Japan	3128503 Japan
(86) International Application No	:PCT/JP2011/079524	(72)Name of Inventor :
Filing Date	:20/12/2011	1)KAIMORI Tomoaki
(87) International Publication No	:WO 2012/090792	2)MORI Yoshimi
(61) Patent of Addition to Application	·NI A	3)OHMORI Takahiro
Number	.INA	4)NAKAYAMA Kenichi
Filing Date	.INA	5)ISHIDA Sakae
(62) Divisional to Application Number	:NA	6)MATSUO Takeshi
Filing Date	:NA	7)SAITO Yasuyuki

(54) Title of the invention : ROTATING ELECTRICAL MACHINE

(57) Abstract :

A rotating electrical machine includes: a stator that includes a stator iron core having a plurality of slots and a stator winding configured by connecting a plurality of 5 segment conductors each formed by a rectangular wire including an end portion and an insulating film; and a rotator that faces the stator through a gap, wherein the segment conductor includes a coated portion coated with the insulating film and a peel-off portion from which the insulating film is peeled off and has a cross-section smaller than the coated portion, the segment conductor and another segment conductor are bonded to each other 10 outside the slots so as to bring at least parts of the peel-off portions as bonding faces into contact with each other, at least one segment conductor of the bonded segment conductors I includes a straight portion that is formed in a linear shape in an axial direction and an arc portion that is continuous to the straight portion, and the bonding face is configured by the straight and the arc portion, or the straight portion and a part of the arc portion on a side of 15 the straight portion.

No. of Pages : 26 No. of Claims : 6

(19) INDIA(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (37) Patent of Addition to Application (37) NA (38) Priority Country (39) Priority Country (30) Priority Country (31) Priority Date (32) Priority Date (33) Name of priority Country (33) Name of priority Country (34) Priority Date (35) Priority Country (36) Priority Country (37) Priority Date (38) Priority Country (39) Priority Country (31) Priority Date (31) Priority Country (32) Priority Date (32) Priority Country (33) Priority Country (34) Priority Country (35) Priority Country (36) Priority Country (37) Priority Country (37) Priority Country (38) Priority Country (39) Priority Country (30) Priority Country (31) Priority Country (31) Priority Country (32) Priority Country (31) Priority Country (32) Priority Country (32) Priority Country (32) Priority Country (33) Priority Country (34) Priority Country (35) Priority Country (36) Priority Country (37) Priority Country (36) Priority Country (37) Priority Country (38) Priority Country (38) Priority Country (39) Priority Count	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)YAMANAKA Osamu 2)YOKOKAWA Katsuya 3)NAGAIWA Akihiro 4)YAMAMOTO Katsuya 5)HIRAOKA Yukio 6)SANO Katsumi 7)SASAKI Minoru 8)HASHIMOTO Toshikazu
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(54) Title of the invention : PROCESS MONITORING AND DIAGNOSIS SYSTEM

(57) Abstract :

Provided is a process monitoring and diagnosis system which is capable of monitoring states and diagnosing fault in a manner that is easier for operator to understand by detecting signs of changes in states and abnormal states, and linking indexes that a monitoring operator is focused on with MSPCs. The process monitoring and diagnosis system is provided with a process modeling and supply unit (4) and a process monitoring and diagnosis unit (6) to monitor and diagnose processes. The process modeling and supply unit (4): collects time-series data for multiple instrumental variables comprising state quantities and operation quantities of processes to be measured by multiple process sensors in a predetermined cycle; has a unit for collecting and storing data (2) that is kept; and uses the previous time-series data of multiple instrumental variables that have been stored to construct and supply process monitoring models. The process monitoring and diagnosis unit (6) monitors process states and detects state changes and abnormal signs by using online data extracted from the unit for collecting and storing data (2) and the process monitoring models that have been constructed.

No. of Pages : 112 No. of Claims : 9

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUBCUTANEOUSLY INFUSIBLE LEVODOPA PRODRUG COMPOSITIONS AND METHODS OF INFUSION

 (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 	:A61K31/198 :61/421902 :10/12/2010 :U.S.A. :PCT/US2011/064398 :12/12/2011 :WO 2012/079072 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SYNAGILE CORPORATION Address of Applicant :70 Sotele Avenue Piedmont CA 94611 U.S.A. (72)Name of Inventor : 1)HELLER Adam 2)HELLER Ephraim
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(57) Abstract :

The invention features methods compositions and infusion pumps for infusing levodopa prodrugs (e.g. levodopa esters levodopa amides levodopa carboxamides and levodopa sulfonamides) for the treatment of Parkinson s disease.

No. of Pages : 97 No. of Claims : 264

(21) Application No.5616/DELNP/2013 A

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROGRAMMABLE ATOMIC MEMORY USING STORED ATOMIC PROCEDURES

(51) International classification(31) Priority Document No(32) Priority Date	:G06F9/38,G06F9/30,G06F9/46 :12/961819 :07/12/2010	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place P.O. Box 3453
(33) Name of priority country	:U.S.A.	Sunnyvale California 94088 U.S.A.
(86) International Application No	:PCT/US2011/063772	(72)Name of Inventor :
Filing Date	:07/12/2011	1)SEREBRIN Benjamin C.
(87) International Publication No	:WO 2012/078775	2)KAPLAN David A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHERNOFF Anton
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A processing core in a multi processing core system is configured to execute a sequence of instructions as a single atomic memory transaction. The processing core validates that the sequence meets a set of one or more atomicity criteria including that no instruction in the sequence instructs the processing core to access shared memory. After validating the sequence the processing core executes the sequence as a single atomic memory transaction such as by locking a source cache line that stores shared memory data executing the validated sequence of instructions storing a result of the sequence into the source cache line and unlocking the source cache line.

No. of Pages : 34 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BICYCLO[3.2.1]OCTYL AMIDE DERIVATIVES AND USES OF 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 	:A01N29/04,A61K31/025 :61/426379 :22/12/2010 :U.S.A. :PCT/US2011/066690 :22/12/2011 :WO 2012/088365 :NA :NA	 (71)Name of Applicant : H. LUNDBECK A/S Address of Applicant :Ottiliavej 9 DK 2500 Valby copenhagen Denmark (72)Name of Inventor : LI Guiying ZHOU Hao WEISS Jesse DOLLER Dario FORD James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides bicyclo[3.2.1]octyl amide derivatives of formula (I): wherein L R and R are as defined herein or a pharmaceutically acceptable salt thereof; pharmaceutical compositions and methods using the same.

No. of Pages : 88 No. of Claims : 16

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH PRESSURE PUMP

 (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 	:F02M59/46,F02M59/48,F02M59/06 :10 2011 002 684.3 :14/01/2011 :Germany :PCT/EP2011/074298 :30/12/2011 :WO 2012/095272 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : 1)BOECKING Friedrich 2)GREINER Matthias
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a high-pressure pump in particular for fuel injection in a self-igniting pump cylinder (4), which is covered by a pump cylinder head (3), forming a I working chamber (2), wherein a pump piston (5) can be moved in a translational manner in the pump cylinder (4) and the working chamber (2) is connected to a low-pressure fuel system via an intake valve (1), which is arranged in the pump cylinder head (3) and has a spring-loaded valve element, and is connected to a high-pressure fuel system by means of a check valve, which is arranged in the pump cylinder head (3). According to the invention, a high-pressure pump is provided, which is improved in particular with regard I to the necessary installation space and also the installation complexity of the intake valve (1). This is achieved in that the return spring (16) which loads the valve element of the W» intake valve (1) is arranged in the working chamber (2) and surrounding the pump piston (5).

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION(19) INDIA		(21) Application No.5734/DELNP/2013 A	
(22) Date of filing of Application :25/06/2013		(43) Publication Date : 05/12/2014	
(54) Title of the invention : METHODS FOR FACILITATING MUSCLE RECOVERY AFTER A PERIOD OF DISUSE USING BETA HYDROXY BETA METHYLBUTYRATE			
 (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 	:A61K31/19,A61P21/00 :61/427249 :27/12/2010 :U.S.A. :PCT/US2011/066258 :20/12/2011 :WO 2012/092035 :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)PEREIRA Suzette L. 2)EDENS Neile K. 	

(57) Abstract :

Filing Date

Disclosed are methods utilizing beta hydroxy beta methylbutyrate (HMB) for facilitating the recovery of muscle after a period of muscle disuse. The HMB facilitates the recovery of muscle mass in an individual and can also be used to prevent further muscle atrophy typically associated with muscle reloading after extended periods of muscle disuse in the individual. The methods disclosed may be particularly suitable for older adults.

:NA

No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOLDING MACHINE HAVING AUXILIARY EJECTION ASSISTANCE ASSEMBLY CONFIGURED TO APPLY ADDITIONAL EJECTION FORCE

 (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 	:B29C45/43 :61/437062 :28/01/2011 :U.S.A. :PCT/CA2011/050767 :13/12/2011 :WO 2012/100324 :NA	 (71)Name of Applicant : 1)HUSKY INJECTION MOLDING SYSTEMS LTD. Address of Applicant :500 Queen Street South Bolton Ontario L7E 5S5 Canada (72)Name of Inventor : 1)HALTER Christophe 2)MAI Arnold
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A molding machine comprises a machine ejection assembly and an auxiliary ejection assistant assembly coupled to the machine ejection assembly wherein the auxiliary assistant assembly is used to generate an additional ejecting force.

No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEAT INSULATION MATERIAL AND PRODUCTION METHOD FOR 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 	:C04B32/00,C04B38/00,C01B33/18 :2010290902 :27/12/2010 :Japan :PCT/JP2011/073003 :05/10/2011 :WO 2012/090566	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)IITSUKA Chihiro 2)NIIRO Hideaki
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

sThe purpose of the present invention is to provide: a heat insulation material that takes into account issues with conventional technology is unlikely to collapse or deform when compressed is capable of being cut or otherwise shaped without collapsing and has heat insulation properties; and a highly productive production method for the heat insulation material. The heat insulation material is formed including silica and/or aluminum includes a plurality of small particles with a particle diameter (D) of 5 30 nm has a maximum load of 0.7 MPa min. at 0 5% compression and has a heat transfer rate of 0.05 W/m·K max. at 30°C.

No. of Pages : 124 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) International Application No (36) International Publication No (37) International Publication No (38) Name of Publication No (39) Name of Publication No (30) Name of Publication Number (31) Publication Number (32) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (35) Publication Number (36) Publication Number (36) Publication Number<th> (71)Name of Applicant : VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor : KORSGAARD NIELSEN Thomas SCHJ~TT Simon DEMTR–DER Jens </th>	 (71)Name of Applicant : VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor : KORSGAARD NIELSEN Thomas SCHJ~TT Simon DEMTR–DER Jens
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(54) Title of the invention : A ROTATING SYSTEM FOR A WIND TURBINE

(57) Abstract :

A rotating system (1) such as a gear system or a bearing supporting system for a wind turbine is disclosed. The rotating system (1) comprises a housing (2) arranged to substantially enclose the rotating system (1) said housing (2) defining a lubricant drain (5) towards the exterior of the housing (2) and a rotating part (3) accommodated in an interior part of the housing (2) in a manner which allows rotational movements of the rotating part (3) relative to the housing (2) and in such a manner that lubricant can be contained between the housing (2) and the rotating part (3). The housing (2) and/or the rotating part (3) is/are arranged to provide a pumping action forcing lubricant arranged in an interior part of the housing (2) towards the lubricant drain (5) during rotational movements of the rotating part (3). Excess lubricant is quickly and efficiently removed from the rotating part (3) and led to the lubricant drain (5). Thereby a slip stream of lubricant is reduced. Accordingly the friction occurring in the rotating system (1) is considerably reduced and the efficiency of the rotating system (1) is therefore increased. Simultaneously the outer dimensions of the rotating system (1) can be minimised because it is not necessary to generally increase the distance between the rotating part (3) and the housing (2) in order to avoid a lubricant slip stream. Furthermore a method for operating such a rotating system (1) is disclosed.

No. of Pages : 22 No. of Claims : 13

(21) Application No.5621/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F24F3/14 :61/416053 :22/11/2010 :U.S.A. :PCT/US2011/061404 :18/11/2011	 (71)Name of Applicant : 1)MUNTERS CORPORATION Address of Applicant :79 Monroe Street Amesbury ME 01913 U.S.A. (72)Name of Inventor : 1)DINNACE Paul
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/071270	1)DINNAGE Faul
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DESICCANT DEHUMIDIFICATION SYSTEM WITH CHILLER BOOST

(57) Abstract :

A hybrid dehumidification system for controlling the humidity and/or both humidity and temperature in a space includes a cooling coil for first cooling or cooling and reducing the humidity of an airstream to be supplied to the space with an aqueous cooling medium passing the thus cooled airstream through a desiccant adsorption means to further reduce the humidity of the airstream before supplying the airstream to the space and regenerating the desiccant adsorption means by heating the desiccant with waste heat from a heat pump used to further cool the first aqueous cooling medium.

No. of Pages : 19 No. of Claims : 22

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OBESITY THERAPY AND HEART RATE VARIABILITY

 (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 	:A61F5/00,A61B5/0205,A61N1/36 :12/980710 :29/12/2010 :U.S.A. :PCT/US2011/065034 :15/12/2011 :WO 2012/091929 :NA :NA :NA	 (71)Name of Applicant : ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : HARRIS Jason L. ANTON Edward C. VOEGELE Aaron C. FILARDO Thomas W. BAYNHAM Tamara C. ORTIZ Mark S.
Number Filing Date	:NA	

(57) Abstract :

Methods and devices are provided for delivering obesity therapy to a patient. In general the methods and devices allow for onset of a patient eating solid food e.g. the patient beginning a meal to trigger delivery of an obesity therapy to a patient. The obesity therapy can be delivered to the patient for a limited period of time such that the patient stops receiving the obesity therapy prior to a second onset of the patient eating solid food e.g. the patient beginning a second meal which can trigger a second delivery of the obesity therapy to the patient for a limited period of time.

No. of Pages : 39 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:B29D30/08,B60C5/00	(71)Name of Applicant :
(32) Priority Document No	.NA :NA	I)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
(33) Name of priority country	:NA	Address of Applicant :12 cours Sablon Clermont Ferrand
(86) International Application No	:PCT/JP2010/073755	63000 France
Filing Date	:28/12/2010	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2012/090311	(72)Name of Inventor :
(61) Patent of Addition to Application	·NA	1)PARFONDRY Alain
Number	·NA	2)DELFINO Antonio
Filing Date	.117	3)GREVERIE Ludovic
(62) Divisional to Application Number	:NA	4)FOMBELLE Damien
Filing Date	:NA	

(54) Title of the invention : PNEUMATIC TIRE AND METHOD FOR PRODUCING SAME

(57) Abstract :

The present invention provides a method for producing a pneumatic tyre in which a noise damper in the form of at least one continuous ribbon for reducing cavity 5 resonance in a tyre cavity is provided on the internal surface of a tyre on the inside in the radial direction of the tyre corresponding to the tyre tread, said method including the following stages: a stage in which a vulcanized and shaped tyre is provided; a stage in 10 which a composition for forming the noise damper is mixed with a foaming agent to produce a liguid composition; a stage in which the tyre is rotated in an upright state by means of a tyre holding and rotation device, and the liquid composition is introduced onto 15 the tyre internal surface by means of a device for introducing the liquid composition; a stage in which the relative positional relationship of the pneumatic tyre and the introduction implement in the axial direction of the tyre is varied while the liquid 20 composition is introduced onto the tyre internal surface, and the liquid composition introduced onto the tyre internal surface is formed into a gel; and a stage in which the gelled liquid composition .is foamed and dried.

No. of Pages : 33 No. of Claims : 11
(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING SULFUR DIOXIDE AND SULFUR TRIOXIDE

 (51) International classification :C01B17/54,C01B17/76,B01J8/02 (31) Priority Document No :61/431705 (32) Priority Date :11/01/2011 (33) Name of priority country :U.S.A. 70 (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 Eiling Data Eili	 71)Name of Applicant : 1)ALBEMARLE CORPORATION Address of Applicant :451 Florida Street Baton Rouge LA 70801 1765 U.S.A. 72)Name of Inventor : 1)HALL Tyson J. 2)SELZER Jason M. 3)VASAIWALA Utkarsh R.
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(57) Abstract :

S0 is formed from a replenished circulating inventory of fresh and recycled S0 2. Also, a feed stream of replenished SO2 is heated by indirect heat exchange with a hot stream of SO2 and SO3 whereby the hot stream is cooled for separating the two o gases. The heated feed stream of replenished SO2 serves as a hot gaseous feed to a sulfur burner. This SO2 feed is divided into two feed streams, one being oxygenated with pure oxygen and the other remains as an SO2 feed. These feeds plus a feed of molten sulfur are concurrently and separately introduced into the sulfur burner where additional SO2 is formed via continuous exothermic reaction. o Although heated, the oxygenated feed(s) of SO2 bring in the needed oxygen for the reaction and the feeds of the oxygenated and non-oxygenated SO2 serve as a heat sink in the sulfur burner to reduce the temperature therein.

No. of Pages : 24 No. of Claims : 16

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LIQUID SEPARATION SYSTEMS FOR INSTALLING IN LIQUID DISTRIBUTION SYSTEMS AND COMPONENTS KITS AND METHODS 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 	:E03B1/04,E03C1/122 :61/283190 :01/12/2009 :U.S.A. :PCT/IL2010/000996 :30/11/2010 :WO 2011/067754 :NA :NA	 (71)Name of Applicant : 1)HULIOT A.C.S. LTD Address of Applicant :Kibbutz Sdeh Nehemia 12145 Upper Galilee Israel (72)Name of Inventor : 1)PELED Netzer
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Liquid separation systems (100) for installing in liquid distribution installations having a conduit (13) with a first liquid destination (14) a first liquid supply (11) for supplying a first liquid (16) into the conduit and a second liquid supply (12) for supplying a second liquid (17) into the conduit via an accessible conduit access unit with an inlet and an outlet in flow communication with the conduit. The liquid separation systems are configured to redirect the second liquid to a second liquid destination (101) different from the first liquid destination (14).

No. of Pages : 33 No. of Claims : 15

(21) Application No.5752/DELNP/2013 A

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DOSAGE VALVE AND RELATIVE 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 	:F16K15/14,F16K15/18,F16K37/00 :UD2010A000224 :06/12/2010 :Italy :PCT/IB2011/002941 :05/12/2011	 (71)Name of Applicant : 1)CPS COLOR EQUIPMENT SPA CON UNICO SOCIO Address of Applicant :Via dell Agricoltura 103 I 41038 San Felice sul Panaro Italy (72)Name of Inventor : 1)MORSELLI Emanuele
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Dosage value for a fluid product for example a colorant comprising an at least partly elastic or elastomer element (11) having at least a cut (24) in the central part (12) so as to define at least two closed/open cooperating lips (14) which comprises a sensor element (30) associated with the at least partly elastic element (11) in order to detect at least a closed or open condition of the lips (14).

No. of Pages : 17 No. of Claims : 12

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN AEROSOL GENERATING SYSTEM HAVING MEANS FOR HANDLING CONSUMPTION OF A LIQUID SUBSTRATE

 (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 	:A24F47/00,A61M15/06 :10252234.9 :24/12/2010 :EPO :PCT/EP2011/073795 :22/12/2011 :WO 2012/085207 :NA :NA	 (71)Name of Applicant : 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor : 1)FLICK Jean Marc
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

There is provided an electrically operated aerosol generating system (100) for receiving an aerosol forming substrate (115). The system comprises a liquid storage portion (113) for storing liquid aerosol forming substrate an electric heater (119) comprising at least one heating element for heating the liquid aerosol forming substrate and electric circuitry (109) configured to monitor activation of the electric heater and estimate an amount of liquid aerosol forming substrate remaining in the liquid storage portion based on the monitored activation. There is also provided a method in an electric heater comprising at least one heating element for heating the the method comprising: monitoring activation of the electric heater and estimating an amount of liquid aerosol forming substrate remaining at least one heating element for heating the liquid aerosol forming substrate and an electric heater comprising at least one heating element for heating the liquid aerosol forming substrate the method comprising: monitoring activation of the electric heater and estimating an amount of liquid aerosol forming substrate remaining in the liquid storage portion for storing substrate remaining in the liquid storage portion of the electric heater and estimating an amount of liquid aerosol forming substrate remaining in the liquid storage portion based on the monitored activation.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(57) Abstract :

A cleanroom mop for cleaning all critical surfaces within a cleanroom. The cleanroom mop includes a mop head frame with at least one hollow area within the mop head frame that is accessible by at least one opening located on the top of the mop head frame a handle attached to the mop head frame and a mop head that is attachable to the mop head frame which has opposing sides and at least one snap fastener on each of the opposing sides where the snap fasteners can be snapped together to connect the opposing sides of the mop head.

No. of Pages : 33 No. of Claims : 20

:NA

:NA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION (51) International (71)Name of Applicant : :A61K9/127,A61K39/395,A61P35/00 classification 1)UNIVERSITY OF THE WITWATERSRAND (31) Priority Document No :2010/03747 **JOHANNESBURG** (32) Priority Date :26/11/2010 Address of Applicant :1 Jan Smuts Avenue Braamfontein 2050 (33) Name of priority Johannesburg Gauteng South Africa :South Africa (72)Name of Inventor : country (86) International **1)CHIRWA Nthato** :PCT/IB2011/055332 Application No 2)PILLAY Viness :28/11/2011 Filing Date 3)CHOONARA Yahya Essop (87) International 4)KUMAR Pradeep :WO 2012/070029 Publication No 5)DU TOIT Lisa Claire (61) Patent of Addition to :NA Application Number :NA Filing Date

(57) Abstract :

(62) Divisional to

Application Number

Filing Date

A pharmaceutical composition for intraperitoneal delivery of an anti neoplastic agent is provided for treating cancers associated with aberrant mucin expression preferably ovarian cancer and pancreatic prostate metastatic breast bladder and lung cancers. The composition comprises nanomicelles loaded with the anti neoplastic agent and antibodies such as anti MUC16 anti MUC1 or anti MUC4 are conjugated to these nanomicelles. The antibody bound nanomicelles are optionally embedded in a biodegradable pH and thermo responsive hydrogel capable of sol gel transition at body temperature. The pharmaceutical composition is implantable in the peritoneum where it transforms into a semi solid gel at the body s core temperature. In response to pH the hydrogel swells and releases the antibody bound nanomicelles specifically target mucin antigens on cancer cells. The anti mucin antibodies can be internalized by the tumour cells enabling the drug loaded nanomicelles to gain entry and deliver the chemotherapeutic drugs inside the tumour cell.

No. of Pages : 33 No. of Claims : 23

(21) Application No.5755/DELNP/2013 A

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVEMENTS RELATING TO BLENDING FUELS

(57) Abstract :

An additive composition for blending with fuel the additive composition comprising at least 3% w/w of a viscosity index (VI) improving polymer; and a solvent mixture including in the range of from 10 to 85% v/v of middle distillate gas oil and at least 15% v/v of one or more components selected from aromatic hydrocarbons and oxygenates.

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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SURFACE TREATMENT OF A METAL PART BY OBLIQUE SHOT PEENING (51) International classification (31) Priority Document No (32) Priority Date (30/12/2010 (71) Name of Applicant : (1) WINOA (30/12/2010

(52) Thomy Date	.50/12/2010	Address of Applicant .520 Avenue de Bavole 1 50570 Ee
(33) Name of priority country	:France	Cheylas France
(86) International Application No	:PCT/FR2011/053210	(72)Name of Inventor :
Filing Date	:29/12/2011	1)PREZEAU Tony
(87) International Publication No	:WO 2012/089989	2)MULLER Teddy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SAMUEL Joan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stress to		·

(57) Abstract :

A process for the surface treatment of a metal part comprises: 5 exposing a surface (1) of the metal part to a stream of substantially spherical particles, so that any portion of said surface receives said particles along several primary incidences, the primary incidences of the particles on a portion of the surface being essentially distributed in a cone or a conical film which has an outer half apex angle between 10° and 45°, until a surface layer (3) of nanostructures having in particular an average thickness of greater than 10 50 um is obtained, the particles having a diameter of less than 2 mm and greater than 0.1 mm and being projected at a speed between 40 m/s and 100 m/s.

No. of Pages : 36 No. of Claims : 9

(21) Application No.5651/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G06Q20/38	(71)Name of Applicant :
(31) Priority Document No	:PI 2010006215	1)MOBILE MONEY INTERNATIONAL SDN BHD
(32) Priority Date	:24/12/2010	Address of Applicant :Lot 23 24 2nd Floor I.O.I. Business
(33) Name of priority country	:Malaysia	Park Puchong Selangor 47100 Malaysia
(86) International Application No	:PCT/MY2011/000243	(72)Name of Inventor :
Filing Date	:21/12/2011	1)LEE Eng Sia
(87) International Publication No	:WO 2012/087111	2)LOH Jin Feei
(61) Patent of Addition to Application	·NA	
Number		
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRONIC CHEQUE METHOD AND SYSTEM

(57) Abstract :

An electronic cheque method is disclosed whereby a cheque issuing server receives an electronic cheque request from a machine of an issuer. The cheque issuing server issues the electronic cheque and allocates and applies a unique cheque code to the electronic cheque to identify the electronic cheque. The cheque issuing server advises a machine of a recipient of required data of the electronic cheque. The required data includes the unique cheque code. The cheque issuing server receives from the machine of the recipient a claim for credit of the electronic cheque amount the claim being by reference to the unique cheque code.

No. of Pages : 18 No. of Claims : 22

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BEARING BUSHING FOR A CONNECTING ROD COMBINATION OF A CONNECTING ROD AND A BEARING BUSHING AND METHOD FOR PRODUCING SAME

(51) International classification	:F16C7/02,F16C9/04,F16C33/04	(71)Name of Applicant :
(31) Priority Document No	:10 2010 055 518.5	1)VOLKSWAGEN AKTIENGESELLSCHAFT
(32) Priority Date	:22/12/2010	Address of Applicant :38436 Wolfsburg Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	p:PCT/EP2011/006431	1)PAULS Rudolf
Filing Date	:20/12/2011	
(87) International Publication No	:WO 2012/084195	
(61) Patent of Addition to	·NI A	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	·NI A	
Number	.INA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a bearing bushing (12) for a connecting rod (1) and to a combination of a connecting rod and a bearing bushing. The connecting rod (1) has a small end (2) which comprises a bearing bore (3), in particular for receiving a pin (36) of an engine piston (37) of an internal combustion engine. A first region of (6) the bearing bore, which in operation is subjected to compressive loading, is longer than a second region (7) of the bearing bore which is subjected to tensile loading. In order to modify a bearing bushing and a connecting rod so that with simple production and optimised weight the connecting rod comprises good bearing properties for the piston pin, according to the invention the bearing bushing (12) already has, before insertion thereof into the bearing bore (3), a shape adapted to the end edge contour (9) of the bearing bore (3), wherein the first region (17) of the bearing bushing (12) is likewise longer than the second region (18) thereof. A method of producing such a small end is also disclosed.

No. of Pages : 22 No. of Claims : 11

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUTRITIONAL COMPOSITIONS COMPRISING HUMAN MILK OLIGOSACCHARIDES AND NUCLEOTIDES AND USES THEREOF FOR TREATING AND/OR PREVENTING ENTERIC VIRAL INFECTION

(51) International classification	:A23L1/29,A23L1/30,A61K31/702	(71)Name of Applicant : 1)ABBOTT LABORATORIES
(31) Priority Document No	:61/428866	Address of Applicant :100 Abbott Park Road Dept. 0377
(32) Priority Date	:31/12/2010	AP6A 1 Abbott Park Illinois 60064 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/067004 :22/12/2011	1)BUCK Rachael 2)THOMAS Debra L. 3)SCHALLER Joseph P.
(87) International Publication No	:WO 2012/092153	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides and nucleotides that can be administered to preterm infants term infants toddlers and children for reducing inflammation and the incidence of inflammatory diseases.

No. of Pages : 64 No. of Claims : 20

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BIOMASS CONVERSION SYSTEMS HAVING INTEGRATED HEAT MANAGEMENT AND METHODS FOR 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 	:C10G3/00 : 61/424,803 :20/12/2010 :U.S.A. :PCT/US2011/066193 :20/12/2011 :WO 2012/088131	 (71)Name of Applicant : 1)SHELL OIL COMPANY Address of Applicant :One Shell Plaza P.O. Box 2463 Houston TX 77252 2463 U.S.A. 2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (72)Name of Inventor : 1)POWELL Joseph Broup
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)POWELL Joseph Broun 2)CHHEDA Juben Nemchand

(57) Abstract :

Biomass conversion systems may incorporate integrated heat management to operate more efficiently during biomass conversion. Biomass conversion systems may comprise a first fluid circulation loop comprising a hydrothermal digestion unit and a first catalytic reduction reactor unit in fluid communication with an inlet and an outlet of the hydrothermal digestion unit; and a second fluid circulation loop comprising a reaction product take off line in fluid communication with the first fluid circulation loop a second catalytic reduction reactor unit in fluid communication with the reaction product take off line and a recycle line establishing fluid communication between the first fluid circulation loop and an outlet of the second catalytic reduction reactor unit where the first catalytic reduction reactor unit contains at least one first catalyst and the second catalytic reduction reactor unit contains at least one second catalyst each being capable of activating molecular hydrogen.

No. of Pages : 62 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEBLOCKING FILTERING			
(51) International classification	:H04N7/26,H04N7/50	(71)Name of Applicant :	
(31) Priority Document No	:61/432751	1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)	
(32) Priority Date	:14/01/2011	Address of Applicant :SE 164 83 Stockholm Sweden	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:PCT/SE2011/051199	1)NORKIN Andrey	
Filing Date	:06/10/2011	2)ANDERSSON Kenneth	
(87) International Publication No	:WO 2012/096610	3)SJ-BERG Rickard	
(61) Patent of Addition to Application	٠NIA		
Number			
Filing Date	INA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Blocking artifacts at a block boundary (1) between a block (10) and a neighboring block (20) in a video frame are reduced by calculating an offset based on pixel values of pixels (11 13) in a line (12) of pixels (11 13 15 17) in the block (10) and based on pixel values of pixels (21 23) in a corresponding line (22) of pixels (21 23 25 27) in the neighboring block (20). The offset is added to the pixel value of the pixel (11) closest to the block boundary (1) in the line (12) of pixels (11 13 15 17) and is subtracted from the pixel value of the pixel (21) closest to the block boundary (1) in the corresponding line (22) of pixels (21 23 25 27). The resulting deblocking filter has good low pass characteristics and is efficient for reducing blocking artifact.

No. of Pages : 54 No. of Claims : 27

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : GASTRIC AND COLONIC FORMULATIONS AND METHODS FOR MAKING AND USING THEM

(51) International classification	:A61K31/4402,A61K31/4412,A61K31/047	(71)Name of Applicant :1)BORODY Thomas Julius
(31) Priority Document No	:US61/422567	Address of Applicant :Level 1 229 Great North Road Five Dock NSW 2046 Australia
(32) Priority Date	:13/12/2010	2)RAMRAKHA Sanjay
(33) Name of priority country	:U.S.A.	3)SAXON John 4)WETTSTEIN Antony
(86) International Application No Filing Date	:PCT/AU2011/001609 :13/12/2011	(72)Name of Inventor :1)BORODY Thomas Julius2)RAMRAKHA Sanjay
(87) International Publication No	:WO 2012/079118	3)SAXON John 4)WETTSTEIN Antony
(61) Patent of Addition	¹ ·NA	
to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In alternative embodiments the invention provides compositions e.g. formulations used for gastric gastrointestinal and/or colonic treatments or lavage e.g. orthostatic lavage e.g. for inducing the purgation (e.g. cleansing) of a gastrointestinal (GI) tract including a colon; and methods for making and using them. In alternative embodiments compositions and methods of the invention are used for the amelioration treatment and/or prevention of constipation for the treatment of abdominal pain particularly non specific abdominal pain and diarrhea including diarrhea caused by a drug side effect a psychological condition a disease or a condition such as Crohn s Disease a poison a toxin or an infection e.g. a toxin mediated traveler s diarrhea. In alternative embodiments the invention provides pharmaceuticals and products (articles) of manufacture for delivering these compositions and formulations to an individual e.g. a human or an animal.

No. of Pages : 50 No. of Claims : 68

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR CONTROLLING THE PLASTICIZATION OF A WATER SOLUBLE 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 	:C11D17/04,C11D3/43,C11D3/20 :11150711.7 :12/01/2011 :EPO :PCT/US2012/020873 :11/01/2012 :WO 2012/097025 :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)LABEQUE Rgine 2)PIETRALA Matthijs 3)ROSMANINHO Roxanne
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for controlling the plasticization of a water soluble film comprising i) preparing a detergent composition comprising a) anionic surfactant and b) solvent system comprising at least one primary solvent having Hansen solubility () of less than 30 and ii) encapsulating said composition in a water soluble film to form a pouch unitized dose product.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WEFT FEEDER FOR WEAVING LOOMS

(57) Abstract :

A weft feeder device for threads in particular for weaving looms of the type comprising a main body (1) within which there is housed an electric motor for the driving of a rotary shaft (2) the rotary shaft (2) driving into rotation with its middle portion a rotor (3) and a drum (T) rotatably mounted on the end portion of said rotary shaft (2) and kept fixed by magnetic means (6 7) and wherein there are furthermore provided pairs of optical emitting/receiving sensors (E R) are respectively arranged on the drum (T) and on an extension of the main body (1) of the weft feeder device which extends laterally to the lateral surface of the drum (T) said pairs of sensors (E R) being apt to detect the presence/absence of a thread passing therebetween. The outer surface of said drum (T) consists of multiple independent sectors (4) and said emitting sensors (E) and the relative feeding and control circuit are embedded in the thickness of one (4s) of said sectors (4) arranged opposite said extension (10) of the main body (1) of the weft feeder device.

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

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (86) International Publication No (87) International Publication No (91) Patent of Addition to Application (92) Divisional to Application Number (92) Divisional to Application Number (93) Publication Number (94) Publication Number (94) Publication Number (95) Publication	H01H33/66 10 016 004.3 23/12/2010 EPO PCT/EP2011/006425 20/12/2011 WO 2012/084192 NA NA NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 8050 Zurich Switzerland (72)Name of Inventor : 1)GENTSCH Dietmar
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(54) Title of the invention : VACUUM INTERRUPTER ARRANGEMENT FOR A CIRCUIT BREAKER

(57) Abstract :

Vacuum interrupter arrangement for a circuit breaker comprising at least a first cylindrical shaped vacuum insert (1) within which a pair of corresponding electrical contacts (3a 4a; 3b 4b) is coaxially arranged consisting of a fixed electrical contact (3a; 3b) which is attached to the vacuum insert (1; 2) and an axial movable electrical contact (4a; 4b) which is operated by a pushrod (7a 7b) wherein a second cylindrical shaped vacuum insert (2) is coaxially arranged to the first cylindrical shaped vacuum insert (1) wherein both vacuum inserts (1 2) are coaxially surrounded by an outer vacuum container (8) in order to form a double contact gap version.

No. of Pages : 16 No. of Claims : 12

(54) Title of the invention : NEAR FIELD ELECTROMAGNETIC WAVE ABSORBER

(21) Application No.5587/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H05K9/00,H01Q17/00	(71)Name of Applicant :
(31) Priority Document No	:2010290703	1)KAGAWA Seiji
(32) Priority Date	:27/12/2010	Address of Applicant :202 High home Koshigaya 252 1
(33) Name of priority country	:Japan	Akayama cho 1 chome Koshigaya shi Saitama 3430807 Japan
(86) International Application No	:PCT/JP2011/075183	(72)Name of Inventor :
Filing Date	:01/11/2011	1)KAGAWA Seiji
(87) International Publication No	:WO 2012/090586	
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A near-field electromagnetic waveabsorber formed by adhering pluralities of electromagnetic-wave-absorbing films each having a thin metal film formed on a surface of a plastic film, the thin metal film of at least one 5 electromagnetic-wave-absorbing film having a thin film layer of a magnetic metal, and a large number of substantially parallel, intermittent linear scratches being formed in plural directions with irregular widths and irregular intervals on the thin metal film of at least one electromagnetic-wave-absorbing film.

No. of Pages : 42 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR LIFT GAS DISTRIBUTION

 (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 	:B01J8/44,B01J8/18,C10G9/32 :61/428122 :29/12/2010 :U.S.A. :PCT/US2011/067985 :29/12/2011 :WO 2012/092522 :NA :NA :NA	 (71)Name of Applicant : 1)IVANHOE ENERGY INC. Address of Applicant :Suite 654 999 Canada Place Vancouver British Columbia V6C 3E1 Canada (72)Name of Inventor : 1)PAVEL Stephen K. 2)SILVERMAN Michael A. 3)KALOTA Steven A.
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(57) Abstract :

A method system and apparatus for lift gas distribution are disclosed. According to one embodiment a lift gas distributor comprises a plate having a surface and an underside the plate having a first diameter; a center section of the plate having a second diameter wherein the first diameter is larger than the second diameter; a predetermined number of holes having a third diameter drilled into the surface of the plate the holes drilled at an angle the holes evenly distributed in the center section; and a plurality of tubes welded onto the underside of the plate each tube having a predetermined length wherein each tube is welded onto each hole. Lift gas passes through the tubes and holes into a reactor.

No. of Pages : 61 No. of Claims : 20

(21) Application No.5701/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A47C27/15 :12/985415 :06/01/2011 :U.S.A. :PCT/US2012/020291 :05/01/2012 :WO 2012/094468 :NA	 (71)Name of Applicant : 1)SEALY TECHNOLOGY LLC Address of Applicant :One Office Parkway Trinity NC 27370 U.S.A. (72)Name of Inventor : 1)MORET David M. 2)BEAMON James A.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : MATTRESSES WITH REINFORCEMENT INSERTS AND DENSIFIED STITCH ZONES

(57) Abstract :

Reinforced mattresses have a mattress core and one or more reinforcement pads located proximate to the mattress core and corresponding higher density stitch patterns in a quilt package layer which are co located with the reinforcement pads. The one or more reinforcement pads are located in higher load areas of the mattress such as the pelvic region or head and shoulders region to provide additional support and to resist or prevent permanent indentation of the mattress support surface and provide increased support. In one embodiment the one or more reinforcement pads have a length that is less than the length of the mattress core and a width that is substantially the width of the mattress core with corresponding areas in the quilt package layer of higher density stitching.

No. of Pages : 30 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CLOSED LO	OP MONITORING OF A	UTOMATED MOLECULAR PATHOLOGY 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 	:G01N1/31 :12/957203 :30/11/2010 :U.S.A. :PCT/EP2011/071241 :29/11/2011 :WO 2012/072612 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :General Electric Company 1 River Road Schenectady New York 12345 U.S.A. 2)GE HEALTHCARE LIMITED (72)Name of Inventor : 1)CORWIN Alex David 2)FILKINS Robert John 3)SEVINSKY Christopher James 4)SHAIKH Kashan Ali 5)XIE Jun

(57) Abstract :

A closed loop automated method for staining of a biological sample is provided. The method comprises providing a biological sample staining at least a portion of the biological sample by flowing in a reagent monitoring one or more optical characteristics of the biological sample and calculating a figure of merit based on at least one of the optical characteristics. An automated device for iterative staining of a biological sample is also provided.

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

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12N5/00 :61/427354 :27/12/2010 :U.S.A. :PCT/JP2011/080182	 (71)Name of Applicant : 1)LSIP LLC Address of Applicant :7 12 Marunouchi 1 chome Chiyoda ku Tokyo 1000005 Japan (72)Name of Inventor :
(32) Priority Date	:27/12/2010	Address of Applicant :7 12 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:U.S.A.	Tokyo 1000005 Japan
(86) International Application No	:PCT/JP2011/080182	(72)Name of Inventor :
Filing Date	:27/12/2011	1)TAKAMATSU Tetsuro
(87) International Publication No	:WO 2012/090997	2)DAI Ping
(61) Patent of Addition to Application	·NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IPS CELLS AND METHOD FOR GENERATING SAME

(57) Abstract :

The present invention provides: a method for generating iPS cells which is characterized by having at least one kind of connexin inhibitor factor and at least one kind of TGF signaling inhibitor factor act on cells; iPS cells which contain at least one kind of connexin inhibitor factor; an iPS cell inducing agent which contains at least one kind of inhibitor factor that is selected from the group consisting of connexin inhibitor factor that is selected from the group consisting of connexin inhibitor factor that is selected from the group consisting of connexin inhibitor factor that is selected from the group consisting of connexin inhibitor factor that is selected from the group consisting of connexin inhibitor factors and TGF signaling inhibitor factors; and a kit for iPS cell induction which contains at least one kind of inhibitor factors and TGF signaling inhibitor factors.

No. of Pages : 44 No. of Claims : 11

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 05/12/2014

	(5.4)	Titla	oftha	invontion		DICDI	۸V	DEVICE
ļ	34)	1 me	or the	Invention	•	DISPL	AI	DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A47L13/51,A47F5/00,A47F7/00 :201031302 :23/12/2010 :Spain :PCT/ES2011/070863	 (71)Name of Applicant : 1)ALCOLEA MAGALLON Bernat Address of Applicant :Paseo De Gracia 41 1.2 E 08007 Barcelona Spain (72)Name of Inventor : 1)ALCOLEA MAGALLON Bernat
Filing Date (87) International Publication	:14/12/2011 :WO 2012/085312	
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 display device for securing containers that include spray heads comprising a spout and a body. The device comprises a laminar element and a projection including securing elements that form a closed loop said loop forming a space that is occupied by the spout shaped part of the spray head of the container.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 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 (62) Divisional to Application Number 	:B60H1/00,B62D33/067 :11500261 :18/01/2011 :Sweden :PCT/SE2012/050015 :12/01/2012 :WO 2012/099524 :NA :NA	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S 151 87 Sdertlje Sweden (72)Name of Inventor : 1)H,,LLQVIST Thomas 2)KARDOS Zoltan 		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA			

(57) Abstract :

Motor vehicle comprising a cab unit (3) tiltable relative to a vehicle frame (2) between a lowered state and a raised state a first circuit (10) situated on the vehicle frame for circulation of a first medium a second circuit (20) situated in the cab unit for circulation of a second medium and a heat transfer arrangement (4) for transfer of heat between said media. The heat transfer arrangement comprises a first heat transfer unit (11) fitted on the vehicle frame and incorporated in the first circuit in order to have the first medium flowing through it and a second heat transfer unit (21) fitted on the cab unit and incorporated in the second circuit in order to have the second medium flowing through it. These heat transfer units (11 21) are in heat transferring contact with one another when the cab unit is in the lowered state and are separated from one another when the cab unit is in the raised state.

No. of Pages : 30 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FERRITE SINTERED MAGNET AND METHOD FOR PRODUCING SAME

(51) International classification	vH01F1/11 C01G49/00 C01G51/00	(71)Name of Applicant .
(31) Priority Document No	·2010203508	1)HITACHI METALSI TD
(32) Priority Date	-28/12/2010	Address of Applicant : 2.1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	· Janan	1058614 Japan
(86) International ApplicationNoFiling Date	:PCT/JP2011/080069 :26/12/2011	 (72)Name of Inventor : 1)KOBAYASHI Yoshinori 2)KAWATA Tsunehiro
(87) International Publication No	:WO 2012/090935	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A sintered ferrite magnet having a main phase composed of ferrite having a hexagonal, M-type magnetoplumbite structure, a grain boundary phase containing Si and Ca with a lower atomic ratio of La than in said main phase, 5 and a third phase containing La at a higher atomic ratio than in said main phase, and a method for producing a sintered ferrite magnet having said third phase by calcining starting materials with more La than Ca, adding more than 1% and 1.8% or less by mass of Si02 and 1-2% by mass (calculated as CaO) of CaCOs to the calcined body, and pulverizing, molding and sintering it.

No. of Pages : 48 No. of Claims : 8

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RADIOPHARMACY DEVICES (51) International classification :B65B3/00,G21F5/015,G21F5/02 (71)Name of Applicant : (31) Priority Document No :61/427231 **1)GE HEALTHCARE LIMITED** (32) Priority Date :27/12/2010 Address of Applicant : Amersham Place Little Chalfont (33) Name of priority country :U.S.A. Buckinghamshire HP7 9NA U.K. (86) International Application 2)MEDI PHYSICS INC. :PCT/US2011/066765 (72)Name of Inventor : No :22/12/2011 1)STEEL Colin Filing Date (87) International Publication 2)LUTHRA Sajinder Kaur :WO 2012/092110 **3)FORTT Robin** No (61) Patent of Addition to 4)SHAH Farah :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Components and systems for a PET radiopharmacy include a transport shield for a radioisotope cartridge a cassette for dispensing from a transport shield a cassette synthesis platform for a cassette and a synthesizer shield.

No. of Pages : 33 No. of Claims : 32

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HER2 BINDING PEPTIDES LABELLED WITH A 18F CONTAINING ORGANOSILICON COMPOUND

(51) Internationalclassification(31) Priority Document No(32) Priority Data	:A61K51/08,A61K101/02,C07K14/31 :12/975425 :22/12/2010	 (71)Name of Applicant : 1)GE HEALTHCARE LIMITED Address of Applicant : Amersham Place Little Chalfont Buckinghamshire HP7 9NA LLK
(32) Name of priority country	:U.S.A.	2)MEDI PHYSICS INC. (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/065803 :19/12/2011	1)HISCOCK Duncan 2)INDREVOLL Bard 3)IVESON Peter
(87) International Publication No	:WO 2012/087912	4)GLASER Matthias Eberhard 5)BHALLA Rajiv
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)WILSON Anthony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Imaging agents comprising an isolated polypeptide conjugated with a radionucleide and a chelator; wherein the isolated polypeptide binds specifically to HER2 or a variant thereof; and methods for preparing and using these imaging agents.

No. of Pages : 105 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :A61B6/00 (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :13/011016 (32) Priority Date Address of Applicant :1 River Road Schenectady NY 12345 :21/01/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/021981 (72)Name of Inventor : Filing Date :20/01/2012 1)LIU James Zhengshe (87) International Publication No :WO 2012/100131 2)KOST Brian John (61) Patent of Addition to Application **3)GRANFORS Paul Richard** :NA Number 4)LANGLER Donald Favette :NA Filing Date 5)KUMP Kenneth Scott (62) Divisional to Application Number :NA **6)XUE Ping** Filing Date :NA

(54) Title of the invention : X -RAY SYSTEM AND METHOD FOR PRODUCING X-RAY IMAGE DATA

(57) Abstract :

An X-ray imaging method includes performing an X-ray exposure via an X-ray radiation source responsive to a source controller. The method also includes sampling X-ray image data via a digital detector without communication of timing signals from the source controller. The method further includes combining the sampled X-ray image data of at least one imaging frame or two or more imaging frames with at least one of the frames spanning a duration in which the exposure occurred to produce X-ray image data capable of being reconstructed into a user viewable image.

No. of Pages : 44 No. of Claims : 39

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ENZYME PREPARATION FROM KOJI FERMENTATION

(57) Abstract :

The invention provides an enzyme preparation obtainable from a Koji fermentation wherein the Koji fermentation comprises mushrooms fermented with . The invention further relates to an enzyme preparation obtainable from the fermentation of a mixture of mushrooms and cereal with to a process of producing the enzyme preparation and to the use of the preparation.

No. of Pages : 17 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:B65D75/58 :NA :NA :NA :PCT/SG2010/000490 :30/12/2010 :WO 2012/091674 :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant : Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)SOH Gordon Hock Seng 2)DURAND Cyrille 3)CARO Xavier 4)SEE THO Tommy
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)SEE THO TOMMY

(54) Title of the invention : PRESSURE OPERATED DISPENSING DEVICE

(57) Abstract :

A device (100) for dispensing a substance comprising a chamber (400) with walls having a combination of at least a strong seal (102) and at least a weak seal (101a 101 103 103a) wherein the weak seal (101a 101 103 103a) bridges the walls (105) of a spout (200). The spout (200) guides the substance to the at least a weak seal (101a 101 103 103a). The spout (200) is defined by having at least a wall (105) formed by the at least a strong seal (102) extending inwardly from the at least a weak seal (101a 101 103 103a). When the spout (200) has a plurality of weak seals (101a 101 103 103a) at least a buffer chamber (300) is formed between the weak seals (101a 101 103 103a). The discharging end of the spout (201) has an outermost weak seal (101a). The device (100) dispenses the substance when an external pressure is applied to the chamber (400).

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAVOUR MODULATION BY FERMENTING A MILK SOURCE FOR MULTI FLAVOUR FORMATION WITH A COCKTAIL OF BACTERIA STRAINS

(51) International classification(31) Priority Document No(32) Priority Date	:C12N1/20,A23C9/12,A23L1/03 :10195855.1 :20/12/2010	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	D:PCT/EP2011/073491	(72)Name of Inventor :
Filing Date	:20/12/2011	1)BRAUN Marcel
(87) International Publication No	:WO 2012/085011	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fermentation of a milk source to manufacture a fermented milk product with malty chocolate honey butter cream flavour and aroma. Fermentation is achieved by addition of adding a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4404) or a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4405) A further bacteria Lactococcus lactis subsp. lactis biovar is also added to the milk source. The milk source comprises amino acids and citrate prior to fermentation.

No. of Pages : 33 No. of Claims : 14

(21) Application No.5791/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(54) Title of the invention : HYDRAULIC BINDER WITH LOW CLINKER CONTENT

(43) Publication Date : 05/12/2014

(51) International classification	·C0/P28/04 C0/P28/14	(71)Nome of Applicant :
(31) International Classification	.04B28/04,C04B28/14	
(31) Priority Document No	.1150070	I)LAFAKGE
(32) Priority Date	:28/01/2011	Address of Applicant :61 rue des Belles Feuilles F 75116 Paris
(33) Name of priority country	:France	France
(86) International Application No	:PCT/EP2012/051179	(72)Name of Inventor :
Filing Date	:26/01/2012	1)SCHWARTZENTRUBER Arnaud
(87) International Publication No	:WO 2012/101193	2)MARTIN Myl ⁻ ne
(61) Patent of Addition to Application	٠NA	3)POURCEL Fabrice
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a hydraulic binder comprising in parts by mass: (a) from 20 to 60 parts of Portland clinker; (b) from 20 to 40 parts of slag; and (c) from 0to 60 parts of inorganic material other than the clinker and the slag; the sum of (a) (b) and (c) being equal to 100 parts; which binder further comprises a slag activator comprising relative to 100 parts of the sum of (a) and (b): from 1.4 to 6.55 parts of alkali metal salt expressed as equivalent NaO; and from 1.1 to 11.0 parts of calcium sulfate expressed as SO.

No. of Pages : 18 No. of Claims : 9

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SCREW MADE OF LOW ALLOY CARBON STEEL AND METHOD FOR PRODUCING SUCH A SCREW

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C21D9/00,C23C8/80,F16B35/00 :10 2010 055 210.0 :20/12/2010 :Germany	 (71)Name of Applicant : 1)EJOT GMBH & CO. KG Address of Applicant :Astenbergstrasse 21 57319 Bad Berleburg Germany
(86) International ApplicationNoFiling Date	:PCT/EP2011/071153 :28/11/2011	(72)Name of Inventor : 1)PINZL Wilfried
(87) International Publication No	:WO 2012/084413	
(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 screw having a head, an adjoining retaining section and a functional tip for use as a self-tapping screw. The functional tip is of greater hardness than the retaining section. The entire screw is made of hardened low-alloy carbon steel. The special feature of this screw is that its functional tip has a higher carbon and/or nitrogen content than its retaining section

No. of Pages : 8 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR VERIFYING AUTHENTICITY OF DOCUMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04L12/58,G06F17/30,G06F21/00 :2010091429 :09/12/2010 :Singapore :PCT/SG2011/000425 :02/12/2011	 (71)Name of Applicant : 1)JHINGAN Nikhil Address of Applicant :5000b Marine Parade Road #22 05 Singapore 449285 Singapore 2)VASNANI Vinod Udharam (72)Name of Inventor : 1)JHINGAN Nikhil
(87) International Publication No	:WO 2012/078113	2)VASNANI Vinod Udharam
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system and method for verifying the authenticity of documents is provided. The method and system includes incorporating a machine readable code (102 102a) to the document (101); storing the document and/or other useful information that assists in verifying the authenticity on a secure document verification system (SDVS) (104); the machine code (102 102a) which contains a secure uniform resource locator (URL) optionally along with other information regarding the document can then be scanned by a reader (103) such as a camera 103 attached to a computing device for example a smart phone; the computing device would then on extracting the URL redirect to the secure document verification system (104) which then reveals the document and/or relevant information (105) regarding the document which accordingly verifies the authenticity of the document.

No. of Pages : 28 No. of Claims : 10

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS OF USING HUMAN MILK OLIGOSACCHARIDES FOR IMPROVING AIRWAY RESPIRATORY HEALTH

(51) International classification:A61K31/7016,A61K31/702,A61P11/00(31) Priority Document No:61/428860(32) Priority Date:31/12/2010(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2011/067008(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/092154(82) Divisional to Filing Date:NA(82) Divisional to Filing Date:NA(83) Number Filing Date:NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)BUCK Rachael 2)DUSKA MCEWEN Geralyn O. 3)DAVIS Steven R.
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(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides that can be administered to preterm infants term infants toddlers and children for improving airway defense mechanisms.

No. of Pages : 83 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PRE TREATMENT OF RAW MATERIAL FOR PRODUCING BASALT FIBERS

 (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 	:C03B1/02,C03C1/02 :A 2119/2010 :22/12/2010 :Austria :PCT/AT2011/050052 :21/12/2011 :WO 2012/083335 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ASAMER BASALTIC FIBERS GMBH Address of Applicant :Steinkogelstrae 32 A 4802 Ebensee Austria (72)Name of Inventor : 1)SCHINKINGER Thomas 2)MAYER Anton
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(57) Abstract :

The invention relates to a method for pre treating starting material for producing a mineral melt for producing endless mineral fibers wherein the starting material which comprises basalt and at least one binder and optionally quartz sand and/or slag in particular blast furnace slag is milled into particles molded bodies are produced from the particles and the molded bodies are tempered.

No. of Pages : 25 No. of Claims : 14
(21) Application No.5773/DELNP/2013 A

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RAW MATERIAL FOR PRODUCING BASALT FIBRES

(51) International classification	:C03C1/00,C03C1/02,C03C13/06	(71)Name of Applicant :
(31) Priority Document No	:A 2117/2010	1)ASAMER BASALTIC FIBERS GMBH
(32) Priority Date	:22/12/2010	Address of Applicant : Steinkogelstrae 32 A 4802 Ebensee
(33) Name of priority country	:Austria	Austria
(86) International Application	DCT/AT2011/050051	(72)Name of Inventor :
No	.FC1/A12011/050051	1)SCHINKINGER Thomas
Filing Date	.21/12/2011	2)MAYER Anton
(87) International Publication	·WO 2012/083334	
No		
(61) Patent of Addition to	٠NA	
Application Number		
Filing Date	INA	
(62) Divisional to Application	214	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a raw material charge for a melt for producing continuous material fibres containing 30 % 70 % basalt and/or diabase 8 % 40 % quartz components in particular quartz sand and 5 % 30 % slag in particular blast furnace slag. The invention also relates to the use thereof to a method for the production of continuous mineral fibres from a melt said melt being formed from raw material comprising 30 % 70 % basalt and/or diabase 8 % 40 % quartz components in particular diabase 8 % 40 % guartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 30 % slag in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in particular diabase 8 % 40 % quartz components in parti

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

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :F02N15/06 (71)Name of Applicant : (31) Priority Document No :10 2011 003 200.2 **1)ROBERT BOSCH GMBH** (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :26/01/2011 (33) Name of priority country :Germany Germany :PCT/EP2012/051249 (72)Name of Inventor : (86) International Application No Filing Date **1)BOTZENHARD Thomas** :26/01/2012 (87) International Publication No :WO 2012/101223 2)KASKE Stephan (61) Patent of Addition to Application **3)KRAMER Claus** :NA Number 4)PIRSCH Roman :NA Filing Date **5)SIEMS Hans Dieter** (62) Divisional to Application Number :NA **6)BORES Javier** Filing Date 7)VON EHRENWALL Uwe :NA

(54) Title of the invention : STARTER DEVICE FOR INTERNAL COMBUSTION ENGINES

(57) Abstract :

The invention relates to a starter device (10) for an internal combustion engine and comprises a toe in actuator (16). The latter actuates a lever (190) by means of which a cranking pinion (22) is moved into or out of a gear ring (25) of the internal combustion engine. A pretensioned element (212) is held on the lever (190; 202 204). The pretensioned element (212) is actuated by the toe in actuator (16). A spring force (228 234) acting in the inward movement direction is applied to the cranking pinion (22 143) via a lever section (202 204) of the lever (190).

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

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:B60C5/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/JP2010/073754	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:28/12/2010	MICHELIN
(33) Name of priority country	:Japan	Address of Applicant :12 cours Sablon Clermont Ferrand
(86) International Application No	:PCT/JP2011/080334	63000 France
Filing Date	:27/12/2011	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2012/091065	(72)Name of Inventor :
(61) Patent of Addition to Application	·NA	1)GREVERIE Ludovic
Number	·NA	2)PARFONDRY Alain
Filing Date	.1171	3)DELFINO Antonio
(62) Divisional to Application Number	:NA	4)FOMBELLE Damien
Filing Date	:NA	

(54) Title of the invention : PNEUMATIC TIRE

(57) Abstract :

A pneumatic tire with an acoustic damper disposed in a tire cavity and capable of maintaining high speed durability and productivity while continuing to suppress cavity resonance noise is provided. This pneumatic tire has an acoustic damper made using an acoustic damping material and attached to the tire inside surface to reduce cavity resonance noise and comprises a tread of width (TW) that comes in contact with the ground during rolling. The acoustic damper is made from acoustic damping material and is at least one continuous ribbon of width (W) and thickness (E) fixed at an attachment width (Wc) to the tire inside surface within a range of at least 30% of the inside of the tread in the radial direction. The two ends of the continuous ribbons the start edges and the end edges are arranged so as to be mutually offset in the axial direction and the continuous ribbons and the tire inside surface form continuous grooves having a groove width (D) that is 10% min. of the width (W) of the continuous ribbons. The attachment width (Wc) is smaller than the continuous ribbon width (W).

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

(22) Date of filing of Application :26/06/2013

(54) Title of the invention : PROCESS AND INTERMEDIATES FOR SYNTHESIZING AGOMELATINE

:C07C231/02,C07C233/18,C07C253/30 :11.00024 :05/01/2011 :France :PCT/FR2012/000005	 (71)Name of Applicant : 1)LES LABORATOIRES SERVIER Address of Applicant :35 rue de Verdun F 92284 Suresnes (72)Name of Inventor : 1)ZARD Samir 2)SIRE Batrice 3)BOUMEDIENE Mehdi
:04/01/2012	
:WO 2012/113999	
·NA	
:NA	
:NA	
:NA	
	:C07C231/02,C07C233/18,C07C253/30 :11.00024 :05/01/2011 :France :PCT/FR2012/000005 :04/01/2012 :WO 2012/113999 :NA :NA :NA

(57) Abstract :

A process for the industrial synthesis of the compound of formula (I) from the allyl cyanide of formula (II) and a compound of formula (III) wherein Xa is an S C(S) OR group in which R is a linear or branched (C C) alkyl group.

No. of Pages : 18 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INACTIVATED POLIOVACCINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K39/13,C12N7/04,A61P31/14 :1022077.0 :29/12/2010 :U.K. :PCT/GB2011/001779 :29/12/2011	 (71)Name of Applicant : 1)THE SECRETARY OF STATE FOR HEALTH Address of Applicant :Richmond House 79 Whitehall London SW1A 2NS U.K. (72)Name of Inventor : 1)MACADAM Andrew
Filing Date	:29/12/2011	
(87) International Publication No	:WO 2012/090000	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides an attenuated polio virus having a 5 non coding region consisting of the 5 non coding region of Sabin 3 modified so that it does not have a base pair mismatch in stem (a) or (b) of domain V wherein seven or eight of the base pairs in stems (a) and (b) are U A or A U base pairs; and a capsid protein from the Sabin 1 Mahoney MEF or Saukett strain.

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

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PARTICLE RECYCLING IN MULTIPHASE CHEMICAL REACTORS

(51) International classification	:C10B47/18	(71)Name of Applicant :
(31) Priority Document No	:201010582393.3	1)SYNTHESIS ENERGY SYSTEMS INC.
(32) Priority Date	:29/11/2010	Address of Applicant : Three Riverway Suite 300 Houston
(33) Name of priority country	:China	Texas 77056 U.S.A.
(86) International Application No	:PCT/US2011/062273	(72)Name of Inventor :
Filing Date	:29/11/2011	1)XU Chunfa
(87) International Publication No	:WO 2012/074942	2)WU Long
(61) Patent of Addition to Application	٠NTA	
Number	.INA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and apparatus for recycling fine ash particles for a multiphase chemical reactor (MCR) wherein coal is partially oxidized in the MCR to produce an exit gas stream in which fine ash particles are entrained and wherein the MCR comprises a high temperature region with a temperature at or above a fusion temperature of the fine ash particles wherein substantially all of the fine ash particles from the exit gas stream are returned to the high temperature region to achieve improved carbon conversion and reduction in fly ash quantity.

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

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING OSTEOARTHRITIS (51) International classification :A61K31/201 (71)Name of Applicant : (31) Priority Document No :61/459902 1)NESTEC S.A. (32) Priority Date :21/12/2010 Address of Applicant : Avenue Nestle 55 CH 1800 Vevey (33) Name of priority country :U.S.A. Switzerland (86) International Application No :PCT/US2011/065173 (72)Name of Inventor : Filing Date 1)MIDDLETON Rondo Paul :15/12/2011 (87) International Publication No :WO 2012/087745 2)WALDRON Mark Kenneth (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention provides methods for preventing and treating osteoarthritis preventing and treating the degradation of articular cartilage and promoting and maintaining joint health in an animal. The methods comprise administering DGLA to the animals preferably in amounts of from about 0.01 to about 100 mg/kg/day.

No. of Pages : 23 No. of Claims : 68

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FACILITIES FOR OFFSHORE LIQUEFIED NATURAL GAS FLOATING STORAGE WITH JETTY REGASIFICATION UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F17C7/04,B63B25/16,F17C9/02 :1020100139360 :30/12/2010 :Republic of Korea :PCT/KR2011/009773 :19/12/2011	 (71)Name of Applicant : 1)SAMSUNG C&T CORPORATION Address of Applicant :Samsung C&T Corp. Bldg. 1321 20 Seocho 2 dong Seocho gu Seoul 137 956 Republic of Korea (72)Name of Inventor : 1)MOON Ki Ho 2)WI Kwang Ho 3)AHN Jae Young
 (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/091337 :NA :NA :NA :NA	4)SHIN Ho Joon 5)LEE Jae In 6)KIM In Soo 7)YOO Young Jae 8)KWON Hyuk Jin 9)LEE Doo Hyeong 10)KIM Chang Soo 11)LEE Sung Uk

(57) Abstract :

Facilities for offshore liquefied natural gas (LNG) floating storage with jetty regasification unit the facilities including: a jetty unit of a steel structure or an iron concrete structure installed in offshore; a storage unit moored at the jetty unit providing a space for storing LNG; a regasification unit as a module which regasifies the LNG supplied from the storage unit installed on a top portion of the jetty unit and is separable from the jetty unit; a utility unit comprising a power source and a sea water pump to supply power and sea water to the regasification unit; and a piping unit comprising unloading pipe for connecting the regasification unit and the storage unit and supplying pipe for carrying natural gas gasified by the regasification unit.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : INDICATING BIT STREAM SUBSETS

(43) Publication Date : 05/12/2014

 (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 	:H04N7/26,G06F17/30 :61/434146 :19/01/2011 :U.S.A. :PCT/SE2012/050040 :19/01/2012 :WO 2012/099529 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :Torshamnsgatan 21 23 S 16483 Stockholm Sweden (72)Name of Inventor : 1)RUSERT Thomas 2)WU Zhuangfei 3)SJ-BERG Rickard
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SJ-BERG Rickard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of indicating bit stream subsets in a video bit stream (210) is provided. The method comprises receiving the bit stream dividing the bit stream into video packets (211 216) wherein each packet comprises either one of video data or supplemental information and marking each packet with a single subset identifier (stream_id). Each subset identifier is associated with a corresponding bit stream subset (221 223). Further a method of extracting video packets from a video bit stream is provided. The method comprises providing relevant subset identifiers receiving video packets from the bit stream and for each received packet inspecting the subset identifier of the packet. The packet is extracted if the subset identifier matches one of the relevant subset identifiers. This allows condensing properties of a bit stream subset into a single identifier thereby simplifying the processing of video packets in the network and on the client side. Further devices corresponding to the aforementioned methods are provided.

No. of Pages : 51 No. of Claims : 28

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BUILT IN ELECTRICAL HOUSEHOLD APPLIANCE AND HOUSEHOLD APPLIANCE ASSEMBLY AND BUILT IN FURNITURE UNIT FOR A HOUSEHOLD APPLIANCE

(51) Internationalclassification(31) Priority Document No.	:F25D23/02,F25D23/10,A47B77/08	(71)Name of Applicant : 1)ELECTROLUX HOME PRODUCTS CORPORATION
 (31) Priority Document No (32) Priority Date (33) Name of priority country 	:05/01/2011 :Italy	Address of Applicant :Raketstraat 40 B 1130 Brussels
(86) International ApplicationNoFiling Date	:PCT/IB2011/003340 :28/12/2011	(72)Name of Inventor : 1)BENI Marco 2)BUOSI Augusto
(87) International Publication No	:WO 2012/093285	3)VELLI Vittorio 4)MENEGHIN Michele
(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 built in electrical household appliance (1) suitable for being housed inside a built in furniture unit (2) the furniture unit comprising a lateral wall defining a surface (4) and a unit door (6) attached to said lateral surface (4) by means of hinges (10a 10b). The appliance (1) comprises: a main body (12) defining a space for housing foods or objects the main body having a side (13) suitable for being placed facing the lateral surface (4) when the electrical household appliance is housed in the furniture unit; a door (11) for access to the space and hinged on one of its sides to the main body (12) in such a manner as to rotate between an open position and a closed position and in such a manner as to present in the closed position a lateral edge (25) thereof facing the lateral surface (4) and being provided with attachment elements (26) suitable for permitting coupling to the unit door (6) in such a way that it is possible to open and close the door by moving the unit door (6) The appliance furthermore shows a distance between said lateral edge (25) of the door (11) and a plane containing an outer surface of said side (13) of the main body (12) there is a distance in a direction perpendicular to said plane of at least 5 mm such that when the electrical household appliance (1) is housed in the furniture unit (2) the side (13) can be arranged adjacent to the lateral surface (4) while the hinges (10a 10b) can be accommodated in a space between the door (11) and said lateral surface (4) of said furniture unit and the door (11) has along the lateral edge (25) at least one vertical chamfer (22) to avoid interference with the hinges (10a 10b) when the door is operated.

No. of Pages : 23 No. of Claims : 14

(21) Application No.5811/DELNP/2013 A

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING SMOKE

(51) International	·G08B17/107 G01N15/06 G01N21/53	(71)Name of Applicant :
classification		1)FINSECUR
(31) Priority Document No	:1005201	Address of Applicant :52 Rue Paul Lescop F 92000 Nanterre
(32) Priority Date	:31/12/2010	France
(33) Name of priority	Eronaa	(72)Name of Inventor :
country	.France	1)LEWINER Jacques
(86) International	DCT/ED 2011/052202	
Application No	:PC1/FR2011/053203	
Filing Date	:28/12/2011	
(87) International	W/O 2012/00000	
Publication No	:WO 2012/089986	
(61) Patent of Addition to		
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to		
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The smoke detector comprises: a chamber (1) provided with apertures (3) allowing the smoke to enter a detection zone (D) a light source (S) able to emit towards the detection zone (D) and a light receiver (R) arranged so as to receive the light coming from the detection zone (D). Concentration means (6 7) are provided so as to create a non homogeneous electric field in the detection zone (D) that in the presence of smoke can polarize smoke particles entering the detection zone (D). The non homogeneous electric field has a spatial gradient able to exert a dielectrophoretic force on the smoke particles so as to entrain the polarized smoke particles into a concentration zone (C) in the detection zone (D) and to aggregate them together to form quasi big particles.

No. of Pages : 27 No. of Claims : 28

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED LATERAL PLATE ELEMENT FOR A LINK MEANS INCLUDED IN A SELF STACKING ENDLESS CONVEYOR BELT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B65G17/06,B65G17/08,B65G21/18 :10513547 :21/12/2010 7:Sweden :PCT/EP2011/070954 :24/11/2011	 (71)Name of Applicant : 1)JOHN BEAN TECHNOLOGIES AB Address of Applicant :Box 913 S 251 09 Helsingborg Sweden (72)Name of Inventor : 1)MALMBERG Jonny 2)GRAMBY Gran 3)SOLMINGER Jan 4)WILTHORN Urban
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The disclosure relates to a lateral plate element (6 6) for a link means (4 4) included in a self stacking endless conveyor belt (1) in which the conveyor belt (1) extends helically along part of its length. The lateral plate element comprises an outer plate section (10) an inner plate section (20) and a bridging plate section (30) bridging said outer and inner plate section (10 20). Said outer plate section (10) comprises a top subsection (11) extending in a first plane and wherein said inner plate section (20) comprises a top subsection (21) extending in a second plane being offset in an inward direction (A) with regard to said first plane. Said outer plate section (10) further comprises a bottom subsection (12) arranged in a bottom part of said outer plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom part of said inner plate section (20) further comprises a bottom subsection (2) arranged in a bottom part of said inner plate section (20) further comprises a bottom subsection (2) arranged in a bottom part of said inner plate section (20) further comprises a bottom subsection (2) arranged in a bottom part of said inner plate section (20) and extending in a fourth plane being offset in said inward direction (A) with regard to said second plane. The lateral plate element further comprises a reinforcement (13) extending between the top subsection (11) and the bottom subsection (12) of the outer plate section (10). The disclosure also relates to a link means (4 4) comprising at least one transverse rod (5 5) and two of said lateral elements (6 6). Further the disclosure also relates to a self stacking endless conveyor belt (1) compr

No. of Pages : 29 No. of Claims : 16

(21) Application No.5628/DELNP/2013 A

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DIHYDROCHALCONE PURIFICATION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07H1/08,C07H15/203,C12P19/44 :11152766.9 :31/01/2011 :EPO :PCT/EP2012/050756 :19/01/2012	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands (72)Name of Inventor : 1)BOEHLENDORF Bettina 2)HUG Hubert 3)KAMMERER Judith
(87) International Publication No	:WO 2012/104145	4)KILPERT Claus 5)CARLE Reinhold
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of an extract enriched in dihydrochalcones and more specifically enriched in phlorizin starting from a polyphenolic fraction originating from industrial apple processing. The invention also relates to a dihydrochal cone extract obtainable by this process and to a food or a nutraceutical product comprising a dihydrochalcone extract of the present invention.

No. of Pages : 11 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:B01D63/06 :1150277 :13/01/2011 :France :PCT/FR2012/050078 :12/01/2012 :WO 2012/095611	 (71)Name of Applicant : 1)TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES Address of Applicant :ZA Les Laurons F 26110 Nyons France (72)Name of Inventor : 1)LESCOCHE Philippe
 (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	

(54) Title of the invention : NOVEL SHAPE OF FILTERING ELEMENTS

(57) Abstract :

The prsent invention relates to a filtering lment (I) for filtering a fluid mdium comprising a rigid cylindrical porous substrate (1) having a longitudinal central axis (A) and including a plurality of channels (Coi, Cn, Cn... C2i, C22... Cži, Cž2...) for circulating the fluid mdium to be filtered, with a view to recovering a filtrate at the periphery (1i) of the substrate (1), said channels (Coi, Cn, C12... C21, C22... C i, Cž2) being arranged in the substrate (1) parallel to the central axis (A) thereof and defining, in particular, at least three filtering rings (Fi, F2...Fž), characterised in that in at least the three rings closest to the periphery of the substrate, referred to as the rings of row n, n-1 and n-2, there is at least one substantial alignment of three adjacent axes selected from among the axes (Y, Yi, Y2...Y ³/₄ Y11,... Y21..., Yni...) of the passage and linking corridors, and the axes (X, Xi... Xž, X11,... X21..., Xni) of the channels, which prom×tes the mechanical strength of the substrate, it being understood that when the filtering lment has more than three filtering rings, at least one of the rings closest to the periphery of the substrate, referred to as the rings of row n, n-1 and n-2, has a number of channels which is not a multiple of the number of channels of the ring closest to the centre of the substrate, referred to as the ring of row 1. (57) Abrg

No. of Pages : 41 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTI VIAL DISPENSING (51) International classification :A61J1/20,B65B3/00,G21F5/00 (71)Name of Applicant : (31) Priority Document No **1)GE HEALTHCARE LIMITED** :61/428755 (32) Priority Date Address of Applicant : Amersham Place Little Chalfont :30/12/2010 (33) Name of priority country Buckinghamshire HP7 9NA U.K. :U.S.A. 2)MEDI PHYSICS INC. (86) International Application No :PCT/US2011/068115 (72)Name of Inventor : Filing Date :30/12/2011 (87) International Publication No :WO 2012/092564 1)OSBORN Nigel J. (61) Patent of Addition to 2)PETTITT Roger :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A multi vial dispensing cassette provides serial dispensement into a plurality of dispense vials. Needle holders may be provided for one or more vials in the cassette and at clip may be incorporated into the needle holder.

No. of Pages : 26 No. of Claims : 20

(21) Application No.5786/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE AND METHODS FOR VARYING THE GEOMETRY AND VOLUME OF FLUID CIRCUITS

(51) Internationalclassification(31) Priority Document No.	:F15B11/05,F15B11/00,F16K17/19	 (71)Name of Applicant : 1)AQUALYNG AS Address of Applicant : Lyng Industrial Park N 7128 Vanvikan
(32) Priority Date	:28/12/2010	Norway
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/059870 :09/11/2011	1)MYRAN Arne Fridj Job 2)LAKER David Shipway
(87) International Publication No	:WO 2012/091802	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device and method for varying the pressure in a fluid circuit through altering the geometry and volume of the fluid circuit to equalize the pressure differential across components in the circuit such as valves to facilitate the operation of the valve or other components within the fluid circuit. An expandable/retractable mechanism may be in communication with a pressure vessel in the fluid circuit and may be operable to vary the interior geometry and consequently the volume of the vessel to cause a pressure increase or decrease in the vessel thereby equalizing pressure across a valve on the vessel and facilitating operation of the valve.

No. of Pages : 27 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :27/06/2013

(54) Title of the invention : MULTIPART ROLLER BEARING

(43) Publication Date : 05/12/2014

(51) International classification	:F16C19/54,F16C33/46	(71)Name of Applicant :
(31) Priority Document No	:10 2010 054 902.9	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:17/12/2010	Address of Applicant : Industriestrae 1 3 91074
(33) Name of priority country	:Germany	Herzogenaurach Germany
(86) International Application No	:PCT/EP2011/064383	(72)Name of Inventor :
Filing Date	:22/08/2011	1)HORN Christian
(87) International Publication No	:WO 2012/079783	2)SCH,,FER Marc Andr
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

By way of summary the invention relates to a wheel bearing arrangement with first rolling elements (12) which are capable of rolling on a first inner ring (13) wherein the rolling elements are guided by means of a first roller bearing cage (2) and an axial spacer element (6) is provided for spacing apart the first inner ring from a bearing element (15) wherein the bearing element can in particular be a second inner ring. The intention is to facilitate the complex installation of the individual parts in wheel bearings for utility vehicles. For this purpose the first rolling element cage forms together with the axial spacer element an axial form fitting connection. In addition a plurality of methods are specified regarding how this form fitting connection can be produced in a simple manner. As a result the spacer element can be fixed to at least one of the inner rings via the form fitting connection to the cage prior to tightening the wheel hub together with the wheel bearing preinstalled thereon. A holding element for temporary holding is not necessary in the installation and also the wheel bearing does not come apart during dismantling.

No. of Pages : 16 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01H9/44,H01H1/20 :10194006.2 :07/12/2010 :EPO :PCT/EP2011/072092 :07/12/2011	 (71)Name of Applicant : 1)EATON ELECTRICAL IP GMBH & CO. KG Address of Applicant :Airport Center Schnefeld Mittelstrasse 5 5a 12529 Schnefeld Germany (72)Name of Inventor : 1)FRIEDRICHSEN Lutz
 (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)LANG VOIKEF

(54) Title of the invention : SWITCH WITH ARCING CHAMBER

(57) Abstract :

The invention provides a switch having an extinguishing response which is rapid and independent of the respective polarity for arcs and thermal protection of the bridge arrangement wherein the switch comprises at least two separate immobile contacts (2) having in each case a first contact region (21 22) and at least one moving electrically conductive bridge contact (3) having two second contact regions (31 32) for establishing an electrically conductive connection between the first and second contact regions (21 22 31 32) in an ON state of the switch (1) and for disconnecting the first and second contact regions (21 22 31 32) which is suitable for generating a substantially constant magnetic field (M) in the region of the first and second contact regions (21 22 31 32) for exerting a magnetic force (F) on an arc (51 52) which occurs between the first and second contact regions (21 22 31 32) when the OFF state is established two first arcing chambers (41 42) for extinguishing the arc (51 52) with a first current direction wherein at least in the OFF state in each case a first arc guide plate (61) extends from the first arcing chambers (41 42) to the first contact region (21 22) and a second arc guide plate (62) extends from the first arcing chambers (41 42) to the second contact region (31 32) in order to dissipate the arc (51 52) into the first arcing chambers (41 42) and wherein the moving bridge contact (3) comprises two bridge plates (81 82) which in order to extinguish the arcs (51 52) with a second current direction which is opposite the first current direction extend from the bridge contact (3) along the movement axis (BA) of the bridge contact (3) in each case about the first contact regions (21 22) to the rear faces (23) of the immobile contacts (2) which are averted from the bridge contact (3).

No. of Pages : 16 No. of Claims : 12

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED INTERFACE BETWEEN A I III VI2 MATERIAL LAYER AND A MOLYBDENUM SUBSTRATE

 (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 	:H01L21/02,H01L21/36 :10306519.9 :27/12/2010 :EPO :PCT/EP2011/073401 :20/12/2011 :WO 2012/089558 :NA :NA :NA :NA	 (71)Name of Applicant : NEXCIS Address of Applicant :190 Avenue Clestin Coq Zone Industrielle F 13106 Rousset France (72)Name of Inventor : 1)GRAND Pierre Philippe 2)JAIME FERRER Jesus Salvador 3)ROCHE Emmanuel 4)DELIGIANNI Hariklia 5)VAIDYANATHAN Raman 6)REUTER Kathleen B. 7)HUANG Qiang 8)ROMANKIW Lubomyr 9)MASON Maurice 10)ZUPANSKI NIELSEN Donna S.
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(57) Abstract :

The present invention relates to a method for fabricating a thin layer made of a I III VI alloy and having photovoltaic properties. The method according to the invention comprises first steps of: a) depositing an adaptation layer (MO) on a substrate (SUB) b) depositing at least one layer (SEED) comprising at least elements I and/or III on said adaptation layer. The adaptation layer is deposited under near vacuum conditions and step b) comprises a first operation of depositing a first layer of I and/or III elements under same conditions as the deposition of the adaptation layer without exposing to air the adaptation layer.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

HIGH ACID LARGE PARTICLE SIZE LATEX EMULSIONS AND COATING COMPOSITIONS FORMED THEREFROM (51) International classification :C09D191/00 (71)Name of Applicant : (31) Priority Document No 1)AKZO NOBEL COATINGS INTERNATIONAL B.V. :61/427612 (32) Priority Date Address of Applicant : Velperweg 76 NL 6824 BM Arnhem :28/12/2010 (33) Name of priority country Netherlands :U.S.A. (86) International Application No :PCT/EP2011/074117 (72)Name of Inventor : Filing Date $\cdot 28/12/2011$ 1)TELFORD David James (87) International Publication No :WO 2012/089746 2)GARDNER Kenneth James (61) Patent of Addition to Application 3)ROBERTS Rvan Sr. :NA Number 4)WEIDENDORF Tiffany :NA Filing Date 5)YANCEY Denise E. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : HIGH ACID LARGE PARTICLE SIZE LATEX EMULSIONS ENHANCED STABILIZATION OF

(57) Abstract :

The present invention includes coating compositions and methods for coating substrates using the coating compositions. In some embodiments of the invention a coating composition is prepared by a method including the steps of a) preparing a latex emulsion by a method including mixing an ethylenically unsaturated monomer component in a carrier to form a monomer emulsion and reacting the monomer emulsion with an initiator to form the latex emulsion b) preparing a hydroxyl functional oil graft copolymer by a method including reacting an epoxidized vegetable oil with a hydroxyl functional material in the presence of an acid catalyst to form a hydroxyl functional oil polyol and reacting the hydroxyl functional oil polyol with an ethylenically unsaturated monomer component in the presence of an initiator to form the hydroxyl functional oil polyol graft copolymer and c) blending the latex emulsion and a crosslinker then adding the hydroxyl functional oil graft copolymer to form the coating compositions may exhibit no or minimal color pick up and commercially acceptable adhesion. Substrates coated with the coating compositions of the invention are also disclosed.

No. of Pages : 40 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C01B21/26	(71)Name of Applicant :
(31) Priority Document No	:2010905285	1)THE UNIVERSITY OF SYDNEY
(32) Priority Date	:01/12/2010	Address of Applicant : Parramatta Road Sydney New South
(33) Name of priority country	:Australia	Wales 2006 Australia
(86) International Application No	:PCT/AU2011/001555	2)ORICA INTERNATIONAL PTE LTD
Filing Date	:01/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/071615	1)JOHNSTON Anthony Matthew
(61) Patent of Addition to Application	٠NA	2)HAYNES Brian Scott
Number	.π. ·Ν.Δ	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PROCESS FOR PRODUCING NITRIC ACID

(57) Abstract :

A process for producing nitric acid is disclosed in which a gaseous oxidiser feed composed at least substantially of ammonia steam and an oxidising gas is exposed to conditions whereby the ammonia is oxidised to produce a reaction mixture including nitrogen monoxide and water vapour. The reaction mixture is then cooled in a heat exchanger whereby: a) the nitrogen monoxide is oxidised and the water vapour is caused to condense b) the products of the nitrogen monoxide oxidation react with and are absorbed by the condensed water and c) substantially all of the nitrogen monoxide in the reaction mixture is converted to nitric acid. Also disclosed is a nitric acid solution when produced by the disclosed process.

No. of Pages : 29 No. of Claims : 27

(21) Application No.5683/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:C01C1/18 :2010905289 :01/12/2010 :Australia :PCT/AU2011/001556 :01/12/2011 :WO 2012/071616 :NA :NA :NA	 (71)Name of Applicant : 1)THE UNIVERSITY OF SYDNEY Address of Applicant :Parramatta Road Sydney New South Wales 2006 Australia 2)ORICA INTERNATIONAL PTE LTD (72)Name of Inventor : 1)JOHNSTON Anthony Matthew 2)HAYNES Brian Scott 3)CONROY Gregory Lawrence
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(54) Title of the invention : PROCESS FOR PRODUCING AMMONIUM NITRATE

(57) Abstract :

A process for producing ammonium nitrate is disclosed which process comprises exposing a gaseous oxidiser feed composed at least substantially of ammonia steam and an oxidising gas to conditions whereby the ammonia is oxidised to produce a reaction mixture including nitrogen monoxide and water vapour. The reaction mixture is cooled in a heat exchanger whereby the nitrogen monoxide is oxidised the water vapour is condensed and the products of the nitrogen monoxide oxidation react with and are absorbed by the condensed water to form a nitric acid stream with substantially all of the nitrogen monoxide in the reaction mixture being converted to nitric acid. The nitric acid stream is reacted with a stream of ammonia to form the ammonium nitrate. Also disclosed is ammonium nitrate per se (in any of its various possible forms) when produced by the disclosed process.

No. of Pages : 56 No. of Claims : 56

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : EXTRACTION OF ALKALI METALS AND/OR ALKALINE EARTH METALS FOR USE IN CARBON SEQUESTRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	n:C22B3/16,B01D53/62,C01B31/24 :2010905241 :26/11/2010 :Australia :PCT/AU2011/001537 :25/11/2011	 (71)Name of Applicant : 1)NEWCASTLE INNOVATION LIMITED Address of Applicant :Industrial Development Centre University Drive Callaghan New South Wales 2308 Australia (72)Name of Inventor : 1)DLUGOGORSKI Bogdan Z 2)GHOORAH Manisha
(87) International Publication No	:WO 2012/068639	3)KENNEDY Eric M
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of extracting an alkali metal and/or an alkaline earth metal from a mineral including an alkali metal and/or an alkaline earth metal or a rock containing the mineral the method including contacting the mineral with an aqueous composition including formic acid and to their use in carbon sequestration.

No. of Pages : 32 No. of Claims : 31

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OVERFLOW VALVE FOR A FUEL INJECTION SYSTEM AND FUEL INJECTION SYSTEM COMPRISING AN OVERFLOW VALVE

 (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 	:F02M37/00,F02M59/34,F02M63/00 :10 2011 003 362.9 :31/01/2011 :Germany :PCT/EP2011/074320 :30/12/2011 :WO 2012/103998	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)MERZ Armin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to an overflow valve for a fuel injection system, in particular a common rail injection system, wherein the fuel injection system comprises a pre-supply pump (1) and a high-pressure pump (3), to which fuel from a fuel tank (2) is delivered by means of the pre-supply pump. The fuel injection system further comprises a metering unit (4) for regulating the amount of fuel to be delivered to at least one pump element (6) of the high-pressure pump (3) via an inlet (5). The overflow valve (7) is arranged between the presupply pump (1) and the metering unit (4) and comprises an axially displaceable valve piston fe (8), the axial displacement of which allows at least one discharge opening (9) to be opened or closed. According to the invention, an axially extending flow channel (10) having a crosssection constriction (11) is formed inside the valve piston (8), wherein in the region of the cross-section constriction (11) a substantially radial borehole (12) leads into the flow channel (10), via which borehole the flow channel (10) can be hydraulically connected to the inlet (5) downstream of the metering unit (4).

No. of Pages : 15 No. of Claims : 10

(12) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR ACTUATING AN INJECTOR IN A FUEL INJECTION SYSTEM IN AN INTERNAL COMBUSTION ENGINE

		(71)Name of Applicant :
		1)ROBERT BOSCH GMBH
(51) International classification	:F02D41/24,F02D41/40	Address of Applicant : Postfach 30 02 20 70442 Stuttgart
(31) Priority Document No	:10 2011 002 764.5	Germany
(32) Priority Date	:17/01/2011	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)JOOS Klaus
(86) International Application No	:PCT/EP2011/071609	2)FRIEDMANN Harry
Filing Date	:02/12/2011	3)HIRCHENHEIN Achim
(87) International Publication No	:WO 2012/097907	4)RESCHKE Christian
(61) Patent of Addition to Application	•NT A	5)RAPP Holger
Number		6)HESS Werner
Filing Date	INA	7)KOCH Andreas
(62) Divisional to Application Number	:NA	8)HAMEDOVIC Haris
Filing Date	:NA	9)KOENIG Joerg
č		10)SCHLUETER Ruben
		11)WIRTH Stephanie

(57) Abstract :

The invention describes a method for actuating an injector in a fuel injection system in an internal combustion engine, wherein the fuel injection system comprises a plurality of injectors, and wherein a quantity of fuel which is injected by means of an injector depends on the actuation period (ti) of the injector, characterized in that for at least one injector an injector-specific correction value (dtv) is determined for the actuation period (ti) as a function of a pressure (pactual) and a temperature (T) of the fuel which is to be injected, and the actuation for this injector is carried out taking into account the injector-specific correction value (dtv).

No. of Pages : 15 No. of Claims : 12

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR FORMING COATING ON SCROLL TYPE FLUID MACHINE

(51) International classification	:F04C18/02,F04C29/00	(71)Name of Applicant :
(31) Priority Document No	:2011006385	1)ANEST IWATA Corporation
(32) Priority Date	:14/01/2011	Address of Applicant :3176 Shinyoshida cho Kohoku ku
(33) Name of priority country	:Japan	Yokohama shi Kanagawa 2238501 Japan
(86) International Application No	:PCT/JP2011/077752	(72)Name of Inventor :
Filing Date	:01/12/2011	1)ASAMI Junichi
(87) International Publication No	:WO 2012/096067	2)MINEGISHI Tatsuya
(61) Patent of Addition to Application	٠NA	3)KUWATA Tohru
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An orbiting scroll (10) is affixed to a turntable (22) and rotated about the center (C) of the spiral constituting said orbiting scroll (10). A spray nozzle (42) is positioned at the center (C) or outside end of the orbiting scroll (10) is pointed at a lateral surface (14a) of the wrap (14) and sprays a coating material. The spray nozzle (42) is moved radially along a straight line (L) while spraying. If spraying is started at the center (C) of the spiral the angular velocity at which the orbiting scroll (10) is rotated is progressively decreased in accordance with the movement of the spray nozzle (24) and if spraying is started at the outside end the angular velocity at which the orbiting scroll (10) is rotated is progressively increased in accordance with the movement of the spray nozzle (24). This makes it possible to evenly coat the lateral wrap surface (14a) with the coating material.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification(31) Priority Document No(32) Priority Date	:B01J4/00,B01J19/26 :61/428104 :29/12/2010	(71)Name of Applicant : 1)IVANHOE ENERGY INC. Address of Applicant :Suite 654 999 Canada Place Vancouver
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2011/067973 :29/12/2011	British Columbia V6C 3E1 Canada (72)Name of Inventor : 1)SILVERMAN Michael A.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2012/092520 :NA :NA	2)PAVEL Stephen K. 3)KALOTA Steven A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IMPROVED REACTOR FEED NOZZLES

(57) Abstract :

Improved reactor feed nozzles are disclosed. According to one embodiment a feed nozzle comprises an inner tubing encased within an outer heat shield tubing a first circular hole fabricated in the inner tubing the first circular hole having a first diameter and serving as a discharge hole a second circular hole fabricated in the outer heat shield tubing the second circular hole having a second diameter wherein the second diameter is larger than the first diameter; and a welded tip for extending a flow path at a declining angle the welded tip having a section extending at a predetermined angle from the inner tubing to the discharge hole.

No. of Pages : 72 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (NA (33) Name of priority country (86) International Application No (87) International Publication No<	6Q40/00 (71)Na 1)Kl A A St.Pete 7/RU2010/000807 2)M 12/2010 (72)Na 2 2012/091602 1)Kl 2)M	ame of Applicant : LIGMAN Ilya Vladimirovich ddress of Applicant :pr. Kronverkskiy d. 59 kv. 8 ersburg 197198 Russia IIGALEV Cergey Vladimirovich ame of Inventor : LIGMAN Ilya Vladimirovich IIGALEV Cergey Vladimirovich
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(54) Title of the invention : TERMINAL FOR CONDUCTING GAMING SESSIONS ON EXCHANGES

(57) Abstract :

The invention relates to the systems for assistance in financial transactions. The terminal for trading on the exchange markets, 5 comprising of a monitor for displaying of target information with a keyboard-type input device, a money input device for financial operations, as well as with communication devices for remote servers and a computing device for graphic information displaying in the fields of an interface displayed on the monitor screen and for 10 settlement transactions. The computing device has a feature of quotations broadcasting received from the exchange markets or information agencies and with a feature of transfer, by a signal of the trading session termination, of a premium to the current account of the payer or distribution of a premium through the payment device. The 15 terminal has a unit of the stake or transaction amount choice and limiting of risks to the amount of this stake or transaction, and the computing device as an additional option of implementation of feature of transactions calculation, input of the price of change of at least one rate and input of increased or decreased stake or invariance stake at least of one future 20 quotation.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PHOSPHIDE CATALYST FOR SYNTHESIS GAS CONVERSION PREPARATION METHOD AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01J27/185 :201210231677.7 :05/07/2012 :China :PCT/CN2012/078544 :12/07/2012	 (71)Name of Applicant : 1)DALIAN INSTITUTE OF CHEMICAL PHYSICS CHINESE ACADEMY OF SCIENCES Address of Applicant :No. 457 Zhongshan Road Dalian Liaoning 116023 China (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/005347 :NA :NA :NA :NA	1)DING Yunjie 2)SONG Xiangen 3)CHEN Weimiao 4)YAN Li 5)LV Yuan

(57) Abstract :

This invention provides a phosphide catalyst for syngas conversion and the production method and use thereof, more specifically, to a catalyst for converting a syngas raw material into oxygenates, comprising one or more metallic Fe, Co, Ni and their phosphides, the production method of the catalyst and its use in the reaction of converting a syngas raw material into hydrocarbons and oxygenates. According to the invention, a catalyst for converting H2/CO into hydrocarbons and oxygenates, supported by SiC>2 or AI2O3 and comprising one or more metallic Fe, Co, Ni and their phosphides under certain reaction temperatures and pressures is provided. The catalysts are consisted of two parts of an active component and a support. The active component is a mixture consisted of one or more of metallic Fe, Co, Ni and their phosphides. The support is selected from SiC>2 or AI2O3. In a fix-bed or slurry bed reactor, H2/CO can be converted into oxygenates having two carbons or more and hydrocarbons with high activity and high selectivity, under certain reaction temperatures and pressures and the action of the catalyst in the invention.

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

(21) Application No.5705/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification(31) Priority Document No(32) Priority Date	:A61M27/00 :61/420996 :08/12/2010	 (71)Name of Applicant : 1)CONVATEC TECHNOLOGIES INC. Address of Applicant :3993 Howard Hughes Parkway Suite
(33) Name of priority country	:U.S.A.	250 Las Vegas NV 89169 6754 U.S.A.
(86) International Application No	:PCT/US2011/063784	(72)Name of Inventor :
Filing Date	:07/12/2011	1)TOTH Landy
(87) International Publication No	:WO 2012/078784	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WOUND EXUDATE SYSTEM ACCESSORY

(57) Abstract :

A stand alone system for assessing wound exudates from the wound of a patient is described. The system contains functionality to detect process and report various wound parameters. The system also may make treatment determinations based on these findings. The system may detect one or more physiological values of the wound exudates from the wound of the patient. The system may also compare detected physiological values to predetermined physiological values in order to obtain a comparison result in real time. The system may include a processor (15) which provides an electronic signal based on the comparison result in which the electronic signal may corresponds to guidelines for treating the wound (3). The system described may be an accessory which may be used on its own or in conjunction with other wound treatment devices (9).

No. of Pages : 55 No. of Claims : 11

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAVOUR MODULATION BY BIO PROCESSING USING CREAM FLAVOUR FORMING BACTERIA STRAINS

 (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 	:C12N1/20,C12P7/26,A23C9/12 :10195848.6 :20/12/2010 :EPO :PCT/EP2011/073490 :20/12/2011 :WO 2012/085010	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)BRAUN Marcel
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A fermentation of a milk source with Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4404) or a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4405) to form a fermented milk product. The fermented milk product has at least a cream flavour and aroma. The fermented milk product can be in the form of a powder or a concentrate. The fermented milk product has applications in the food industry. A use of a lactic acid bacterium Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4404) or a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4404) or a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4404) or a Lactococcus lactis subsp. lactis diacetylactis (CNCM No. I 4405) for the manufacture of butter cream flavouring milk ingredients containing at least one of diacetyl acetoin and 3 4 dihydroxy 3 4 dimethyl 2 5 hexanedione.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAVOUR MODULATION BY BIO PROCESSING USING FLAVOUR FORMING BACTERIA STRAINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N1/20,C12P7/26,A23C9/12 :10195845.2 :20/12/2010 :EPO :PCT/EP2011/073489 :20/12/2011	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)BRAUN Marcel
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	I)BRAUN Marcel

(57) Abstract :

A fermentation of a milk source with Lactococcus lactis subsp. lactis biovar diacetylactis (CNCM No. I 1962) to form a fermented milk product. The fermented milk product has a flavour and aroma. The fermented milk product can be in the form of a powder or a concentrate. The fermented milk product has applications in the food industry.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTAINER AND POUCH		
 (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 	:B65D77/06 :10196359.3 :21/12/2010 :EPO :PCT/EP2011/073638 :21/12/2011 :WO 2012/085117 :NA :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)VARBANOV Petar

(57) Abstract :

The present invention relates to a container (2) and a pouch (1). The container and pouch is preferably mutually shaped so that the pouch fits tightly into the container. The container comprises a closure (5) for closing the container and preferably being adapted to maintain the pouch in an open state in a position where its opening is facing upwardly. In addition the closure comprises a lid (7) allowing re closable access to the contents stored in the pouch.

No. of Pages : 27 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :A21D13/00 (71)Name of Applicant : (31) Priority Document No 1)NESTEC S.A. :10197244.6 (32) Priority Date Address of Applicant : Avenue Nestl 55 CH 1800 Vevey :29/12/2010 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2011/073982 (72)Name of Inventor : Filing Date **1)ARFSTEN Judith** :23/12/2011 (87) International Publication No 2) DE PADUA CHICARONI Everton :WO 2012/089676 (61) Patent of Addition to Application **3)HEINRICH Emmanuel** :NA Number 4)OUTRAM James William :NA Filing Date 5)SARKAR Anwesha (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FILLING COMPOSITION COMPRISING AN ENCAPSULATED OIL

(57) Abstract :

The present invention relates to filling compositions comprising an encapsulated oil and optionally a free liquid oil. The encapsulated oil comprises at least 40% w/w of a liquid oil encapsulated in a matrix material. The invention also relates to processes for the preparation of the filling composition and its use in composite food products.

No. of Pages : 30 No. of Claims : 18

(21) Application No.5717/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND COMPOSITIONS SUITABLE FOR MANAGING BLOOD GLUCOSE IN ANIMALS

 (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 	:A61K38/54,A23L1/30 :61/459901 :21/12/2010 :U.S.A. :PCT/US2011/065156 :15/12/2011 :WO 2012/087742 :NA :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)PAN Yuanlong 2)MIDDLETON Rondo Paul 3)HANNAH Steven Scott
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(57) Abstract :

The invention provides methods compositions and dietary formulations useful for managing blood glucose preventing or treating insulin resistance and improving insulin sensitivity. The methods comprise administering to an animal a therapeutically effective amount of a combination of at least two of one or more antioxidants; one or more anti glycation agents; one or more body fat reducing agents; one or more insulin sensitivity enhancing agents; and one or more anti inflammatory agents.

No. of Pages : 29 No. of Claims : 127

(21) Application No.5718/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

:A47J31/44,A47J31/60	(71)Name of Applicant :
:11150389.2	1)NESTEC S.A.
:07/01/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
:EPO	Switzerland
:PCT/EP2012/050144	(72)Name of Inventor :
:05/01/2012	1)RITHENER Blaise
:WO 2012/093157	2)CAHEN Antoine
٠NA	
·NA	
.1111	
:NA	
:NA	
	:A47J31/44,A47J31/60 :11150389.2 :07/01/2011 :EPO :PCT/EP2012/050144 :05/01/2012 :WO 2012/093157 :NA :NA :NA :NA

(54) Title of the invention : MODULAR BEVERAGE DISPENSING SYSTEM

(57) Abstract :

A beverage preparation system (1 2 3) comprises: a first machine (1) for preparing a first beverage (15) the first machine having a first outlet (11) for dispensing a beverage such as coffee onto a beverage dispensing area (12) for positioning a cup or mug (4); and a second machine (2) for preparing and dispensing a second beverage (25) via a second beverage outlet (21) the second machine being disconnectably connected to the first machine and separable therefrom. The first and second machines (1 2) when connected are configurable so that the second outlet (21) is positioned or positionable adjacent to the first outlet (11) to dispense the second beverage (25) onto the beverage dispensing area (12) and into a cup or mug (4) in position for collecting the first beverage (15) from the first beverage outlet.

No. of Pages : 24 No. of Claims : 15
(21) Application No.5706/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A61M27/00 :61/421003 :08/12/2010 :U.S.A. :PCT/US2011/063781 :07/12/2011 :WO 2012/078781 :NA :NA	 (71)Name of Applicant : 1)CONVATEC TECHNOLOGIES INC. Address of Applicant :3993 Howard Hughes Parkway Suite 250 Las Vegas NV 89169 6754 U.S.A. (72)Name of Inventor : 1)TOTH Landy
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INTEGRATED SYSTEM FOR ASSESSING WOUND EXUDATES

(57) Abstract :

An integrated system for assessing wound exudates from the wound of a patient is described. The system may contain functionality to detect process and report various wound parameters. The system also may make treatment determinations based on these findings. The system may detect one or more physiological values of the wound exudates from the wound of the patient. The system may means for comparing the one or more detected physiological values to predetermined physiological values in order to obtain a comparison result in real time. The system may include a processor 15 which provides an electronic signal based on a comparison result in which the electronic signal may correspond to guidelines for treating the wound 13. The system may be integrated with other wound treatment devices such as negative pressure wound therapy devices (NPWT) 9.

No. of Pages : 51 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LITHIUM AIR BATTERY

(00) International Application No Filing Date:PCT/CA2011/050737 :28/11/2011:DOCEMET Modelbast(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/071668(62) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :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 Filing Date 	:H01M10/058,H01M10/052,H01M4/134 :2724307 :01/12/2010 :Canada :PCT/CA2011/050737 :28/11/2011 :WO 2012/071668 :NA :NA :NA	 (71)Name of Applicant : 1)HYDRO QU‰BEC Address of Applicant :75 boul. Ren Lvesque O. Montral Qubec H2Z 1A4 Canada (72)Name of Inventor : 1)ZAGHIB Karim 2)TROTTIER Julie 3)GUERFI Abdelbast
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(57) Abstract :

The invention relates to an improved lithium-air battery. The battery includes a negative electrode and a positive electrode separated by an electrolyte, wherein the negative electrode consists of a film of metal material selected from among lithium and lithium alloys, the I positive electrode includes a film of a porous carbon material on a current collector, and the electrolyte is a solution of lithium salts in a solvent. The battery is characterized in that the surface of the negative electrode opposite the electrolyte has a passivation layer containing E U2S, Li2S204, Li20, and U2CO3, the passivation layer being richer in sulfur compound on the ; surface thereof that is in contact with the electrolyte. The battery is obtained by means of a method consisting of producing the positive electrode, the electrolyte, and a film of the metal material for forming the negative electrode, and assembling the positive electrode, the w electrolyte, and the film of metal material. The method is characterized in that it includes a step of subjecting the film of metal material. The method is characterized in that it negative electrode and the electrolyte.

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

(21) Application No.5708/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADAPTIVE RELATIVE BITRATE MANAGER FOR TCP DEPENDING FLOW CONTROL

(51) International classification	:H04W28/02,H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Telefonaktiebolaget L M Ericsson (publ)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/050343	1)GEIJER LUNDIN Erik
Filing Date	:12/01/2011	
(87) International Publication No	:WO 2012/095169	
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.117A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided for congestion control in a network node (114; 510; 900) of a communication network. The network node handles a plurality of data connections for conveying data packets travelling between a core side and a terminal side of the communication network. The method is performed in the network node and comprises detecting (210) a condition indicative of a congestion for any of the data connections selecting (220) among the data connections a data connection (RAB) for which a bit rate reduction is to be caused and determining (230) a number (X) of data packets to be discarded for the selected data connection. The determined number depends on a time integrated difference between experienced and targeted bit rates for the selected data connection. Then the reduction of the bit rate is initiated (240) for the selected data connection by causing discarding of the determined number of data packets.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(51) International classification:H02M(31) Priority Document No:111520(32) Priority Date:25/01/2(33) Name of priority country:EPO(86) International Application No:PCT/EFiling Date:09/11/2(87) International Publication No:WO 20(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : (72)Name of Inventor :
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(54) Title of the invention : METHOD FOR REGULATING A BUCK/BOOST CONVERTER

(57) Abstract :

The invention relates to a method for regulating a clocked buck/boost converter wherein a buck converter switching element (S1) is driven at a common clock frequency with a first pulse width modulated switching signal (Sig) and a boost converter switching element (S2) is driven with a second pulse width modulated switching signal (Sig) in order to convert an input voltage (U) into a regulated output voltage (U) wherein a regulator signal (U) from an output voltage regulator (REG) is used to generate the pulse width modulated switching signals (Sig Sig). In this case the buck converter is operated in a discontinuous mode with quasi resonant switching wherein the inductor current (i) or the current through the buck converter switching element (S1) is detected and is compared with a reference current (I) wherein the regulator signal (U) is amplified to the extent that the reference current (I) is reached in terms of time before a turn off pulse of the first pulse width modulated switching signal (Sig) and wherein the second pulse width modulated switching signal (Sig) is generated using the amplified regulator signal (U).

No. of Pages : 27 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFRARED PASS VISIBLE BLOCKER FOR UPCONVERSION DEVICES (51) International classification :H01L31/09,G01J1/02 (71)Name of Applicant : 1)UNIVERSITY OF FLORIDA RESEARCH (31) Priority Document No :61/447415 (32) Priority Date :28/02/2011 FOUNDATION INC. (33) Name of priority country Address of Applicant :223 Grinter Hall Gainesville FL 32611 :U.S.A. (86) International Application No :PCT/US2011/056159 U.S.A. Filing Date :13/10/2011 2)NANOHOLDINGS LLC (87) International Publication No :WO 2012/118528 (72)Name of Inventor : (61) Patent of Addition to Application 1)SO Franky :NA Number 2)KIM Do Young :NA Filing Date **3)PRADHAN Bhabendra** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An IR to Visible up conversion device with a stacked layer structure includes an IR pass visible blocking layer such that the IR entry face of the stacked device allows IR radiation particularly MR radiation to enter the device but visible light generated by a light emitting diode (LED) layer to be blocked from exit at that IR entry face of the device. The device has an IR transparent electrode at the IR entry face and a visible light transparent electrode such that the visible light can exit the device at a visible light detection face opposite the IR entry face.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR CONTROLLING ELECTRO OPTICAL DEVICE METHOD FOR CONTROLLING ELECTRO OPTICAL DEVICE ELECTRO OPTICAL DEVICE AND ELECTRONIC EQUIPMENT

(51) International classification	:G09G3/34,G02F1/167,G09G3/20	(71)Name of Applicant :
(31) Priority Document No	:61/484424	1)SEIKO EPSON CORPORATION
(32) Priority Date	:10/05/2011	Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
(33) Name of priority country	:U.S.A.	Tokyo 1630811 Japan
(86) International Application No Filing Date	:PCT/JP2012/002670 :18/04/2012	(72)Name of Inventor : 1)YAMADA Yusuke
(87) International Publication No	:WO 2012/153468	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

When changing a pixel to white in the middle of a writing operation for writing the pixel in black, a new writing operation for writing the pixel in white is started. When changing a pixel to black in the middle of a writing operation for writing the pixel in white, a new writing operation for writing the pixel in black is started. In addition, when a difference between the number of times of application of a first voltage applied to change the pixel to white and the number of times of application of a second voltage applied to change the pixel to black is not a predetermined value at a predetermined timing, the first voltage or the second voltage is applied to the pixel until the difference becomes a predetermined value.

No. of Pages : 100 No. of Claims : 10

(19) INDIA(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISPLAY FORMAT USING DISPLAY DEVICE FOR MACHINE READABLE DOT PATTERNS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06K19/06,G09G5/36,G09G5/377 :2010274313 :09/12/2010 :Japan :PCT/JP2011/078482 :08/12/2011	 (71)Name of Applicant : 1)YOSHIDA Kenji Address of Applicant :9 14 2302 Koishikawa 1 chome Bunkyo ku Tokyo 1120002 Japan (72)Name of Inventor : 1)YOSHIDA Kenji
(87) International Publication No	:WO 2012/077766	
(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 addresses the technical problem of providing a distinctive display format for machine readable dot patterns which does not adversely affect the aesthetics of images displayed on a display device. A dot pattern is made machine readable by providing the periphery of a dot with a contrast control region and/or an anti aliasing region which can be distinguished from the surrounding image. Thus enabled is the embedding of two dimensional code on video or images on the screen of a display device said code being both invisible to viewers and machine readable. A viewer can easily obtain information defined by the dot patterns by using the likes of a digital camera video camera mobile phone camera or web camera to image the screen of the display device or to capture the content on the screen as data.

No. of Pages : 32 No. of Claims : 13

(21) Application No.5839/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POWDER MEDICAMENT MOUTHPIECE AND APPLICATION

 (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 	:A61M15/00,B01D46/00 :201010596111.5 :17/12/2010 :China :PCT/CN2011/084070 :15/12/2011 :WO 2012/079524	 (71)Name of Applicant : 1)CHEN Qingtang Address of Applicant :Yueqing Kanghua Medical Supplies Co. Ltd. Industrial Park (Kangyi Electronics Company Yard) North Street Wengyang Town Yueqing Zhejiang 325606 China 2)CHEN Xin (72)Nume of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)CHEN Qingtang 2)CHEN Xin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A powder medicament mouthpiece comprising at least one section of through suction tube (1) and a filter (2). One end of the suction tube is a medicament inlet and the other end (16a) is a suction outlet. The filter (2) is arranged within the suction tube (1). The powder medicament mouthpiece can be connected to multiple models of dry powder inhalers to separate powder medicament from dry powder and allows for significantly improved efficacy.

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

(21) Application No.5840/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:A61F5/56,A61C7/00	(71)Name of Applicant :
(31) Priority Document No	:10306495	1)TONGUE LAB EUROPE
(32) Priority Date	:22/12/2010	Address of Applicant :16 GREAT QUEEN STREET
(33) Name of priority country	:EPO	LONDON WC2B 5DG U.K.
(86) International Application No	:PCT/IB2011/003268	(72)Name of Inventor :
Filing Date	:21/12/2011	1)MAUCLAIRE Claude
(87) International Publication No	:WO 2012/085672	
(61) Patent of Addition to Application	·NA	
Number	·NIA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DENTAL APPLIANCE FOR RESTRAINING THE TONGUE

(57) Abstract :

A dental appliance and method of treatment are disclosed. The dental appliance attaches to predetermined teeth of an upper jaw of a patient and includes a constraint mechanism positioned above a patient s tongue wherein the constraint mechanism is shaped to limit movement of a posterior zone of the patient s tongue. The constraint mechanism allows at least an anterior zone and lateral edges of the patient s tongue to perform movements necessary for speech and swallowing. The method of treatment includes use of the dental appliance to reduce the volume of a patient s tongue and enlarge the airways and can be combined with use of another dental appliance to correct another aspect of the patient s tongue.

No. of Pages : 37 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:A47J31/44	(71)Name of Applicant :
(31) Priority Document No	:11151642.3	1)NESTEC S.A.
(32) Priority Date	:21/01/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/072023	(72)Name of Inventor :
Filing Date	:07/12/2011	1)AIT BOUZIAD Youcef
(87) International Publication No	:WO 2012/097916	2)AGON Fabien Ludovic
(61) Patent of Addition to Application	·NI A	3)YOAKIM Alfred
Number		
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MILK FROTHING WITH PRESSURIZED GAS

(57) Abstract :

A milk frothing device (1) delimiting an area (2) for mixing milk (35) from a milk reservoir (3) and gas (49) comprises a supply arrangement (4) of pressurized gas. The pressurized gas supply arrangement (4) has a propelling gas conduit (41) configured to deliver pressurized propelling gas (48) into the milk reservoir (3) to pressurize the reservoir and propel thereby pressurized milk (36) from the reservoir to the mixing area (2).

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HELICAL ANTENNA APPARATUS AND METHOD OF FORMING HELICAL ANTENNA			
 (54) Title of the invention : HELICAL AN (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 	:H01Q1/36,H01Q1/38 :12/976314 :22/12/2010 :U.S.A. :PCT/US2011/064904 :14/12/2011 :WO 2012/087709 :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)SHURE ACQUISITION HOLDINGS INC. Address of Applicant :5800 West Touhy Avenue Niles Illinois 60714 U.S.A. (72)Name of Inventor : 1)SZOPKO Robert Scott 2)ALWICKER Michael Joseph 3)CELEBI Adem 4)KENKEL Mark Allen 	
 (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 	:H01Q1/36,H01Q1/38 :12/976314 :22/12/2010 :U.S.A. :PCT/US2011/064904 :14/12/2011 :WO 2012/087709 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHURE ACQUISITION HOLDINGS INC. Address of Applicant :5800 West Touhy Avenue Niles Illino 60714 U.S.A. (72)Name of Inventor : 1)SZOPKO Robert Scott 2)ALWICKER Michael Joseph 3)CELEBI Adem 4)KENKEL Mark Allen 	ois

(57) Abstract :

An antenna assembly and method of forming an antenna is disclosed. The antenna comprises a dielectric core wrapped with an antenna tape having a conductive portion. A printed circuit board extends from a chassis and a ground element secures the printed circuit board to the chassis at a point located away from the chassis. The printed circuit board can be secured to the conductive portion on the tape through a wire or flex cable connection. The dielectric core can be formed of a shock absorbing material and is configured to extend into the chassis. The antenna assembly can be provided with an antenna cover placed over the dielectric core and a shock absorbing material can be located between the dielectric core and the antenna cover.

No. of Pages : 19 No. of Claims : 31

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE DISCOVERY AND TOPOLOGY REPORTING IN A COMBINED CPU/GPU ARCHITECTURE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F9/46 :61/423525 :15/12/2010 :U.S.A.	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One Amd Place Sunnyvale CA 94088 U.S.A.
(86) International Application No Filing Date(87) International Publication No	:PCT/US2011/065136 :15/12/2011 :WO 2012/083012	2)ATI TECHNOLOGIES ULC (72)Name of Inventor : 1)BLINZER Paul
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)VAN DOORN Leendert 3)CHENG Jeffrey 4)TERRY Elene 5)WOLLER Thomas 6)RAHMAN Arshad

(57) Abstract :

Methods and apparatus are provided as an aspect of a combined CPU/ APD architecture system for discovering and reporting properties of devices and system topology that are relevant to efficiently scheduling and distributing computational tasks to the various computational resources of a combined CPU/ APD architecture system. The combined CPU/ APD architecture unifies CPUs and APDs in a flexible computing environment. In some embodiments the combined CPU/ APD architecture capabilities are implemented in a single integrated circuit elements of which can include one or more CPU cores and one or more APD cores. The combined CPU/APD architecture creates a foundation upon which existing and new programming frameworks languages and tools can be constructed.

No. of Pages : 54 No. of Claims : 20

(21) Application No.5853/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:B01L3/00 :61/440198 :07/02/2011 :U.S.A. :PCT/US2012/023961 :06/02/2012 :WO 2012/109138 :NA :NA :NA :NA	 (71)Name of Applicant : PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant :17 Quincy Street Cambridge MA 02138 U.S.A. (72)Name of Inventor : ABATE Adam R. WEITZ David A.
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(54) Title of the invention : SYSTEMS AND METHODS FOR SPLITTING DROPLETS

(57) Abstract :

The present invention generally relates to fluidics and microfluidics and in particular to creating droplets in a fluidic system. In some aspects the present invention is generally directed to systems and methods for splitting a parent droplet into two or more droplets e.g. by urging the parent droplet towards an obstacle to split the parent droplet. In some cases the parent droplet is split into at least first and second droplets which each are directed to separate channels. In some cases the channels may be constructed and arranged such that the droplet velocities of the first and second droplets are substantially the same as the velocity of the parent droplet. In some cases such droplets may be repeatedly split e.g. a parent droplet is divided into 2 daughter droplets then each droplet split again etc. for example such that one parent droplet may eventually be split into 2 2 2 2 2 etc. daughter droplets. In some cases the daughter droplets may be substantially monodisperse.

No. of Pages : 61 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SKIN CLEANSER COMPOSITION (51) International classification :A61K8/73,A61Q19/10,C11D1/02 (71)Name of Applicant : (31) Priority Document No 1)KAO CORPORATION :2010294121 (32) Priority Date :28/12/2010 Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome (33) Name of priority country Chuo ku Tokyo 1038210 Japan :Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/080345 1)FUJII Ryosuke No :27/12/2011 2)DOI Yasuhiro Filing Date (87) International Publication 3)TAKAI Masanori :WO 2012/091072 No 4)MIZUSHIMA Hiromoto (61) Patent of Addition to 5)TANAKA Rie :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention pertains to: a skin cleanser composition capable of providing an excellent frictional resistance feeling when rinsing and an excellent smooth feeling after drying; and a production method for same. The skin cleanser composition containing a cationized hydroxypropylcellulose (A) and a surfactant (B) wherein the cationized hydroxypropylcellulose (A) has an anhydroglucose derived main chain the degree of substitution in a cationized ethylenoxy group is 0.01 3.0 and the degree of substitution in a propyleneoxy group is 0.01 2.9; and the production method for same.

No. of Pages : 153 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION		(21) Application No.5833/DELNP/2013 A	
(19) INDIA			
(22) Date of filing of Application :28/06/2013		(43) Publication Date : 05/12/2014	
(54) Title of the invention : SCREEN			
 (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 	:E06B9/02 :2011/00094 :04/01/2011 :South Africa :PCT/IB2011/055808 :20/12/2011 :WO 2012/093302 :NA :NA :NA :NA	 (71)Name of Applicant : MOKWENA TECHNOLOGY DEVELOPMENT (PTY) LIMITED Address of Applicant :218 Klawerhof Shamrock Street 1709 Florida South Africa (72)Name of Inventor : MOKWENA Thabo Aubrey 	

(57) Abstract :

This invention relates to an insect screen suitable for but not limited to screening a window including a reversibly deformable support structure having outer surfaces for frictionally engaging inner surfaces of a window frame; and a woven material attached to the support structure.

No. of Pages : 21 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CAST CEILI	NG TILE	
 (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 Eiling Date 	:E04B9/04 :12/975574 :22/12/2010 :U.S.A. :PCT/US2011/064124 :09/12/2011 :WO 2012/087610 :NA :NA :NA	 (71)Name of Applicant : 1)USG INTERIORS LLC. Address of Applicant :550 West Adams Street Chicago IL 60661 3676 U.S.A. (72)Name of Inventor : 1)YU Qing Claire 2)CAO Bangji 3)PALM Gregory O.

(57) Abstract :

A cast type ceiling tile comprising a mixture containing 30 to 70% mineral wool 10 to 40% expanded glass beads 8 to 20% starch 0 to 15% stucco and 0 to 1% boric acid.

No. of Pages : 7 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CEILING TILE BASE MAT		
 (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 	:E04B9/04 :12/975501 :22/12/2010 :U.S.A. :PCT/US2011/064140 :09/12/2011 :WO 2012/087611 :NA :NA :NA :NA	 (71)Name of Applicant : USG INTERIORS LLC Address of Applicant :550 West Adams Street Chicago Illinois 60661 3676 U.S.A. (72)Name of Inventor : PALM Gregory O. BROWN Martin YU Qing Claire CAO Bangji

(57) Abstract :

A water felted base mat for a suspended ceiling tile comprising on a weight basis about 1/2 mineral wool starch binder limited to about 1/8 newsprint limited to about 1/8 and about 1/4 expanded glass beads.

No. of Pages : 7 No. of Claims : 6

(21) Application No.5836/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C04B28/02	(71)Name of Applicant :
(31) Priority Document No	:61/428839	1)UNITED STATES GYPSUM COMPANY
(32) Priority Date	:30/12/2010	Address of Applicant :550 West Adams Street Chicago Illinois
(33) Name of priority country	:U.S.A.	60661 3676 U.S.A.
(86) International Application No	:PCT/US2011/066347	(72)Name of Inventor :
Filing Date	:21/12/2011	1)PEREZ PENA Marianela
(87) International Publication No	:WO 2012/092047	
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LIGHTWEIGHT FOAMED FLY ASH BASED BINDERS AND METHOD

(57) Abstract :

A method of making a lightweight cementitious binder composition with improved compressive strength for products such as cementitious panels is disclosed. The method mixes fly ash alkali metal salt of citric acid alkali metal silicate foaming agent for entraining air water and in the preferred embodiment a foam stabilizing agent. Compositions which include fly ash selected from the group consisting of class C fly ash class F fly ash and mixtures thereof alkali metal salts of citric acid alkali metal silicates foaming agents and preferably a foam stabilizer such as polyvinyl alcohol do not require use of set retarders. Compositions containing class F fly ash can optionally contain Type III Portland cement.

No. of Pages : 41 No. of Claims : 10

(21) Application No.5837/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR IN SITU MANUFACTURE OF A LIGHTWEIGHT FLY ASH BASED AGGREGATE

 (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 	:C04B18/02,C04B22/14 :61/428819 :30/12/2010 :U.S.A. :PCT/US2011/064561 :13/12/2011 :WO 2012/091915 :NA :NA	 (71)Name of Applicant : 1)UNITED STATES GYPSUM COMPANY Address of Applicant :550 West Adams Street Chicago Illinois 60661 3676 U.S.A. (72)Name of Inventor : 1)PEREZ PENA Marianela
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of making a rapid setting lightweight homogeneous foamed fly ash based cementitious aggregate composition with improved compressive strength for products such as panels is disclosed. The method mixes fly ash alkali metal salt of citric acid foaming agent for entraining air optional foam stabilizing agent a calcium sulfate such as stucco or gypsum and water. Compositions are also disclosed which include mixtures of fly ash particularly Class C fly ash alone or in mixtures with Class F fly ash alkali metal salts of citric acid foaming agents a calcium sulfate such as calcium sulfate dihydrate or hemihydrate and an optional portland cement.

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DRUG DELIVERY 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 	:A61K9/26,A61K38/08,A61P25/28 :2010/03743 :26/11/2010 :South Africa :PCT/IB2011/055345 :28/11/2011 :WO 2012/070034 :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG Address of Applicant :1 Jan Smuts Avenue Braamfontein 2050 Johannesburg Gauteng South Africa (72)Name of Inventor : 1)GOVENDER Thiresen 2)PILLAY Viness 3)CHOONARA Yahya Essop 4)DU TOIT Lisa Claire 5)MODI Girish 6)NAIDOO Dinesh 7)MUFAMADI Maluta Steven
Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides an implantable intracranial device for the site specific delivery of a pharmaceutically active agent to a human or animal for treating a mental or neurological disorder such as Alzheimer's disease schizophrenia or other psychoses. The biodegradable device includes a pharmaceutically active agent for treating the disorder polymeric nano lipoparticles into or onto which the pharmaceutically active agent is embedded; and a polymeric matrix or scaffold incorporating the nano lipoparticles. The nano lipoparticles can be in the form of nano liposhells or nano lipobubbles. The nano liposhells or nano lipobubbles can include an essential fatty acid or can be conjugated to a peptide ligand which targets the device to a specific cell into which the therapeutic agent can be delivered. The device can be implanted in the sub arachnoid space in the region of the frontal lobe of the brain.

No. of Pages : 40 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DETECTION DEVICE AND CORRESPONDING SYSTEM FOR DETERMINING THE ORIENTATION OF THE WHEELS OF 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 Filing Date (62) Divisional to Application Number Filing Date 	G01B11/275 TO2010A001094 30/12/2010 Italy PCT/IB2011/056032 30/12/2011 WO 2012/090187 NA NA	 (71)Name of Applicant : 1)SPACE S.r.I. CON UNICO SOCIO Address of Applicant :Via Sangano 48 Trana Italy (72)Name of Inventor : 1)CERRUTI Piero 2)MANGANELLI Fausto
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(57) Abstract :

A detection device (7a) for determining the orientation of a first and a second wheel (2) of a vehicle (3) the wheels being arranged on a first side of the vehicle (3) with respect to a longitudinal axis thereof (A). The device is set laterally with respect to the vehicle (3) on the first side between the first and second wheels and has a first (8) and a second image acquisition elements (8) located on a base support (16) having a respective viewing area (V) for acquiring images of a first and a second target (5) coupled to the first and second wheels respectively. A displacement unit (10) is operatively coupled to the first (8) and second (8) image acquisition elements for rotating them simultaneously through one and the same angle of rotation so as to adapt their viewing area to the position of the first and second targets (5). The detection device (7a) further comprises additional alignment sensors (27a 27b 28a 28b) also located on the base support (16) for measuring calibration parameters of the base support (16).

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.5863/DELNP/2013 A

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR MELTING A SOLID CHARGE

 (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 	:C22B7/00,C22B21/00,F23C6/04 :12/982971 :31/12/2010 :U.S.A. :PCT/US2011/065521 :16/12/2011 :WO 2012/091963 :NA :NA	 (71)Name of Applicant : 1)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 quai dOrsay F 75007 Paris France (72)Name of Inventor : 1)GAUTAM Vivek 2)KAISER Kenneth 3)JARRY Luc 4)TSIAVA Remi Pierre
Application Number Filing Date (62) Divisional to Application Number	NA NA	
Filing Date	.11/1	

(57) Abstract :

A simple compact burner achieves a more optimal melting of a solid charge followed by performance of combustion under distributed combustion conditions. The burner achieves this by fluidically bending the flame towards the solid charge during a melting phase with an actuating jet of oxidant redirecting the flame in a direction away from the charge and staging injection of oxidant among primary and secondary portions during a distributed combustion phase.

No. of Pages : 38 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BROADBAND LIGHT SOURCE		
 (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 	:G02F1/365 :2011211301 :27/09/2011 :Japan :PCT/JP2012/074220 :21/09/2012 :WO 2013/047368 :NA :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)HASEGAWA Takemi

(57) Abstract :

Provided is a broadband light source capable of outputting broadband light with reduced peak power. A broadband light source (1) is provided with a pulse light source (10) an optical fiber (nonlinear optical medium) (11) a band attenuation filter (12) and an optical echo unit (20). The optical fiber (11) receives pulsed light output from the pulse light source (10) and generates supercontinuum light by broadening the spectrum of the pulsed light with nonlinear optical effects inside the fiber and outputs the supercontinuum light. The optical echo unit (20) has a plurality of optical paths between an input end and an output end and at least a part of any of the plurality of light paths is formed as a circumferential light path. The optical echo unit (20) receives at the input end the supercontinuum light that was output from the optical fiber (11) and passed through the band attenuation filter (13) and guides the supercontinuum light through the plurality of light paths and then outputs from the output end the supercontinuum light guided through the plurality of light paths.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LEVERAGING A SOCIAL GRAPH FOR USE WITH ELECTRONIC MESSAGING

(51) International classification(31) Priority Document No(32) Priority Date(32) Number of the second secon	1:G06F17/00,G06F17/30,G06N5/00 13/430284 126/03/2012	 (71)Name of Applicant : 1)LINKEDIN CORPORATION Address of Applicant :2029 Stierlin Court Mountain View
(33) Name of priority country(86) International ApplicationNoFiling Date	:U.S.A. :PCT/US2013/033857 :26/03/2013	(72)Name of Inventor : 1)CHENG Heyning 2)TUNKELANG Daniel
(87) International Publication No	:WO 2013/131108	3)MAUNEY Bradley Scott 4)HALL Ashley Woodman
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Techniques for analyzing a social graph of a social network service to identify and then present connection paths connecting various entities are described. With some embodiments subsequent to a user selecting or otherwise identifying a person to whom a message is to be communicated a social graph is analyzed to identify connection paths connecting the message sender or an entity on whose behalf the message sender is acting to the message recipient. The social graph is implemented with a graph data structure having nodes and edges representing entities and associations between entities respectively. With some embodiments the nodes represent people companies educational institutions (e.g. schools universities etc.) and groups. After identifying the connection paths the connection path score as derived by aggregating edge scores assigned to the edges may be presented.

No. of Pages : 60 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR THE ARTICULATED CONNECTION OF A FLAT BAR WIPER BLADE TO A WIPER ARM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (86) International Publication No (87) International Publication No (92) Divisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) Na 	60S1/38,B60S1/40 (71)Name of Applicant : 0 2011 003 088.3 1)ROBERT BOSCH GMBH 5/01/2011 Address of Applicant :Postfach 30 02 20 70442 Stuttgart ermany Germany CT/EP2011/074109 (72)Name of Inventor : 7/12/2011 1)VERBOVEN Wim /O 2012/100896 A A A A A	
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(57) Abstract :

The invention relates to a device for the articulated connection of a flat-bar wiper blade (10) to a wiper arm (28), said device comprising a connection element (16), with a bearing pin (20), to be connected to the wiper blade (10), a connecting element (30) connected to the wiper arm (28), and an adaptor (44) which is both pivotally mounted on the bearing pin (20), by means of a hub (54), as well as inserted in the connecting element (30) in a rigid but detachable manner using locking means (40, 76). According to the invention, the hub (54) has an assembly channel (56) along its entire length on the side which faces the bearing pin (20), with the play between the hub (54) and the bearing pin (20) being calculated such that moments about a vertical axis (88) are transmitted from the wiper blade (10) to the adaptor (44) exclusively by means of the bearing pin (20) and the hub (54), and vice versa.

No. of Pages : 16 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:F24F11/00,G05B23/02	(71)Name of Applicant :
(31) Priority Document No	:61/448413	1)CARRIER CORPORATION
(32) Priority Date	:02/03/2011	Address of Applicant :1 Carrier Place Farmington CT 06489
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/064452	(72)Name of Inventor :
Filing Date	:12/12/2011	1)GIERING Michael J.
(87) International Publication No	:WO 2012/118550	2)TEWARI Ashutosh
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SPM FAULT DETECTION AND DIAGNOSTICS ALGORITHM

(57) Abstract :

A method for diagnosing a fault condition in a climate system is disclosed and a computer program product for doing the same. The climate system may be an HVAC system. The method comprises receiving current data from a climate system in a fault condition calculating an anomaly score for the climate system from a first set of transition probabilities based on the current data and a second set of transition probabilities based on the climate system operating in a normal condition and generating automatically a diagnosis of a first problem causing the fault condition when the anomaly score is above a predefined threshold. In an embodiment the current data may include a plurality of operational Parameters of the climate system.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR SEPARATION IN PROCESSING OF FEEDSTOCKS

(51) International classification	n:B01D45/12,B04C5/26,C10B49/22	(71)Name of Applicant :
(31) Priority Document No	:61/428316	1)IVANHOE ENERGY INC.
(32) Priority Date	:30/12/2010	Address of Applicant :Suite 654 999 Canada Place Vancouver
(33) Name of priority country	:U.S.A.	British Columbia V6C 3E1 Canada
(86) International Application No Filing Date	:PCT/US2011/068237 :30/12/2011	(72)Name of Inventor :1)PAVEL Stephen K.2)SILVERMAN Michael A.
(87) International Publication No	:WO 2012/092613	3)KALOTA Steven A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method system and apparatus for separation in processing of feedstocks are disclosed. According to one embodiment an apparatus comprises a tubular vessel having a square pipe entry and a vapor outlet wherein the vapor outlet is positioned at the top of the tubular vessel and wherein the square pipe entry is tangential to an inner diameter of the tubular vessel; a barrel positioned below the tubular vessel; and a double isolation knife valve positioned between the tubular vessel and the barrel wherein a stream of gas and solids enters the tubular vessel through the square pipe entry and wherein the gas and solids are separated by using centrifugal force and wherein the gas exits the vapor outlet and the solids are collected in the barrel.

No. of Pages : 64 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESSING OF ORGANIC MATTER			
 (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 	:C10G1/00,C10L1/00 :2011900020 :05/01/2011 :Australia :PCT/AU2011/001624 :15/12/2011 :WO 2012/092644 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LICELLA PTY LTD Address of Applicant :56 Gindurra Road Somersby NSW 2250 Australia IGNITE ENERGY RESOURCES LIMITED (72)Name of Inventor : MASCHMEYER Thomas 	

(57) Abstract :

The invention relates generally to the field of fuel production. More specifically the invention relates to biofuel production from high temperature oil based processing of organic matter.

No. of Pages : 48 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEAT EXCHANGER PANEL AND METHOD FOR MANUFACTURING THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F24J2/46,F24J2/50,F24J2/22 :P 10 00641 :30/11/2010 :Hungary :PCT/HU2011/000117	 (71)Name of Applicant : 1)MOLN R P L Address of Applicant :Neptun utca 11 H 8220 Balatonalmidi Hungary (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:30/11/2011 :WO 2012/073058 :NA :NA	1)MOLN RP L
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a heat exchanger panel (10) preferably for heat exchange utilizing light energy comprising a board (24) having plates parallel to each other and partition walls (12) dividing the inner space between the plates into parallel channels (14) said partition walls (12) joining the plates and being of a same material as the plates passages (18) in the partition walls (12) said passages enabling the flow of a heat exchanger medium between the neighbouring channels (14) and providing a flow path (20) for the medium sealing units (16) covering openings at the ends of the channels (14) and joints (22) allowing the heat exchanger medium to enter into and exit from the panel (10). According to the invention the sealing units (16) are made of a sealant which is thermal expansion compatible with the material of the board (24) the sealant being introduced into the ends of the channels (14). The invention also relates to a method for manufacturing the heat exchanger panel (10).

No. of Pages : 49 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A61F2/38,A61F2/30 :61/436788 :27/01/2011 :U.S.A. :PCT/US2012/022958 :27/01/2012 :WO 2012/103469 :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor : 1)MCKINNON Brian William 2)LENZ Nathaniel Milton 3)LASTER Scott Kennedy 4)RIES Michael D.
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2012/103469 :NA :NA	2)LENZ Nathaniel Milton 3)LASTER Scott Kennedy 4)RIES Michael D. 5)HAAS Steven B
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CONSTRAINED KNEE PROSTHESIS

(57) Abstract :

A tibial insert includes a base and a post extending from the base along a longitudinal axis. The post has a medial surface a lateral surface and a height along the longitudinal axis. The medial surface has a medial section and the lateral surface has a lateral section oriented substantially parallel to the medial section. The medial section and the lateral section each have a width in a substantially anterior posterior direction that is sufficient to enable varus/valgus constraint over a flexion/extension range from extension to about 90 to 120 degrees of flexion when the tibial insert is mated with a femoral component.

No. of Pages : 35 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A47J31/36 :11150023.7 :03/01/2011 :EPO :PCT/EP2012/050033 :03/01/2012 :WO 2012/093108 :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)KRISTLBAUER J¹/₄rgen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MOTORIZED BEVERAGE MACHINE WITH MECANICAL TRANSMISSION

(57) Abstract :

A machine (1) for preparing a beverage comprises: a first part (20) and a second part (30) movable relative to the first part; a motor (51 51) having a drive member (510 511) such as a rotating drive axis; one or more mechanical transmission members (52; 521 523; 524 526) for transmitting a movement of the drive member to the movable part (30) for moving the movable part; and a transmission frame (200) for supporting the motor and the movable transmission member(s). The transmission frame is an integral component (200) on which the motor and the transmission members are directly mounted.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :A47J31/36,A47J31/44 (71)Name of Applicant : (31) Priority Document No 1)NESTEC S.A. :11150022.9 (32) Priority Date :03/01/2011 Address of Applicant : Av. Nestl 55 CH 1800 Vevey (33) Name of priority country Switzerland :EPO (86) International Application No :PCT/EP2012/050031 (72)Name of Inventor : Filing Date **1)CAHEN Antoine** :03/01/2012 (87) International Publication No :WO 2012/093107 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(54) Title of the invention : BEVERAGE MACHINE WITH A COVER FOR AN INGREDIENT INLET

:NA

(57) Abstract :

Filing Date

A machine (1) for preparing a beverage from at least one ingredient (2) comprises: an ingredient processing module (30); an ingredient passage (40) for inserting an ingredient from outside such machine into the ingredient processing module; and a cover (10) forming a user handle that is manually movable between a position covering the ingredient passage and a position uncovering the ingredient passage. The cover (10) is manually slidable in particular translationally slidable from the covering to the uncovering positions and/or vice versa.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MOBILITY SUPPORT FOR CACHING ADAPTIVE HTTP STREAMING CONTENT IN CELLULAR NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/08,H04L29/06,H04L29/12 :NA :NA :NA :PCT/IB2011/000211 :08/02/2011	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)M S IVARS Ignacio 2)DAMOLA Ayodele
(87) International Publication No	:WO 2012/107788	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Mobile communication network (301) mobility node (322) and method for selecting as a user terminal (304) moves in the mobile communication network (301) from a first node (306) to a second node (311) a cache (308 or 312) that stores a desired content and is closest to the user terminal (304). The method includes receiving a request from the user terminal (304) for a segment of the desired content; querying a mobility functionality (300) run by the mobile communication network (301) about an internet protocol IP address of a cache that stores the segment of the desired content; based on a location at the first node (306) or the second node (311) of the user terminal that sent the request determining the cache (308 or 312) that stores the segment of the desired content and has a location closest to the user terminal (304); and providing the user terminal (304) with an answer that includes the IP address of the closest cache that stores the segment of the desired content.

No. of Pages : 40 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COMPOSITION FOR DETECTING BIOFILMS ON VIABLE TISSUES

 (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 	:C12Q1/04,G01N33/52,G01N33/68 :1020236.4 :30/11/2010 :U.K. :PCT/GB2011/001665 :30/11/2011 :WO 2012/072980 :NA	 (71)Name of Applicant : 1)CONVATEC TECHNOLOGIES INC Address of Applicant :3993 Howard Hughes Parkway Suite 250 Las Vegas NV 89169 6754 U.S.A. (72)Name of Inventor : 1)BOWLER Phillip Godfrey 2)METCALF Daniel Gary 3)PARSONS David 4)JOHNSON Emily Sonia
Application Number Filing Date	:NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A staining composition for use in making biofilm detectable on viable tissue wherein the composition preferentially stains the biofilm and comprises a staining agent in a quantity effective to stain said biofilm and render it detectable.

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

(21) Application No.5881/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUSED AMINODIHYDROTHIAZINE DERIVATIVES			
(51) International classification	:C07D513/04,A61P25/28	(71)Name of Applicant :	
(31) Priority Document No	:GB1101139.2	1)EISAI R&D MANAGEMENT CO. LTD.	
(32) Priority Date	:21/01/2011	Address of Applicant :Intellectual Property Dept. 6 10	
(33) Name of priority country	:U.K.	Koishikwawa 4 chome Bunkyo ku Tokyo 112 8088 Japan	
(86) International Application No	:PCT/IB2012/000082	(72)Name of Inventor :	
Filing Date	:19/01/2012	1)TAKAIHSI Mamoru	
(87) International Publication No	:WO 2012/098461	2)ISHIDA Tasuku	
(61) Patent of Addition to Application	·NA		
Number	·NA		
Filing Date	.1 17		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present invention relates to a fused aminodihydrothiazine derivative of formula (I): wherein X is hydrogen or fluorine; R is monofluoromethyl or difluoromethyl; and pharmaceutically acceptable salts thereof; which compound has an A production inhibitory effect or a BACE1 inhibitory effect and is useful as a prophylactic or therapeutic agent for a neurodegenerative disease caused by A and typified by Alzheimer type dementia.

No. of Pages : 100 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MELT BLOWN NONWOVEN FABRIC AND PRODUCTION METHOD AND DEVICE FOR 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 	:D04H1/4291,D01D5/08,D01D5/088 :2010272002 :06/12/2010 :Japan :PCT/JP2011/078082 :05/12/2011 :WO 2012/077638 :NA :NA	 (71)Name of Applicant : 1)MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor : 1)MATSUBARA Akio 2)KAJIYAMA Shingo 3)SUZUKI Kenichi 4)SHIODE Hirohisa 5)KUBO Takayuki
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	:PCT/JP2011/078082 :05/12/2011 :WO 2012/077638 :NA :NA :NA	1)MATSUBARA Akio 2)KAJIYAMA Shingo 3)SUZUKI Kenichi 4)SHIODE Hirohisa 5)KUBO Takayuki

(57) Abstract :

The present invention addresses the problem of providing: a stable production method using fine fibers to produce a melt blown nonwoven fabric with very few thick fibers (fused fibers) resulting from the fusion of thermoplastic resin fibers; and a device for same. The present invention pertains to a melt blown nonwoven fabric characterized by comprising polyolefin fibers and having (i) an average fiber diameter of 2.0 μ m max. (ii) a fiber diameter distribution CV value of 60% max. and (iii) 15 or less fused fibers per 100 fibers; a melt blown nonwoven fabric production method characterized in that molted resin formed into fibers is cooled by supplying cooling air having a temperature of 30°C max. from both side surfaces of the outlet of a slit (31) that emits high temperature high speed air; and a production device for same.

No. of Pages : 58 No. of Claims : 10
(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(51) International classification :B60N2/015,B60N2/36 (71)Name of Applicant : (31) Priority Document No 1)KEIPER GMBH & CO. KG :10 2011 018 658.1 (32) Priority Date Address of Applicant :Hertelsbrunnenring 2 67657 :21/04/2011 (33) Name of priority country Kaiserslautern Germany :Germany (86) International Application No (72)Name of Inventor : :PCT/EP2012/001577 **1)TEUFEL Ingo** Filing Date :12/04/2012 (87) International Publication No :WO 2012/143102 2)SCHUMANN Kai (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LOCKING DEVICE FOR A FOLDABLE BACKREST OF A SEAT

(57) Abstract :

The invention relates to a locking device for a foldable backrest of a seat in particular a rear seat in a motor vehicle with a locking housing (1) in which a handle (2) is arranged said handle being pivotable about a pivot axis (3) between a locking position and an unlocking position and by means of which a pawl (4) can be carried along between a retaining position and a non retaining position and with a blocking element which is movable by a closable lock manually between a blocking position blocking the handle (2) in the locking position thereof and a release position releasing the handle (2). The blocking element is a locking bolt (6) which is mounted pivotably in the locking housing (1) about a bolt axis (7) between the blocking position and the release position and has a release recess and a blocking recess with a blocking pin (13) in the handle (2) said blocking pin in the release position in the release recess by pivoting of the handle (2) and which blocking pin in the blocking position and the unlocking position in the release recess and is blocking pin in the blocking position in the locking position in the blocking pin in the blocking position.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MULTI CORE OPTICAL FIBER AND OPTICAL COMMUNICATION SYSTEMS (51) International classification :G02B6/04 (71)Name of Applicant : (31) Priority Document No **1)ALCATEL LUCENT** :61/433437 (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :17/01/2011 (33) Name of priority country :U.S.A. France (86) International Application No :PCT/US2012/020447 (72)Name of Inventor : Filing Date :06/01/2012 1)WINZER Peter J. (87) International Publication No :WO 2012/099725 2)DOERR Christopher Richard (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus includes an optical fiber having a plurality of optical cores therein. Each optical core is located lateral in the optical fiber to the remaining one or more optical cores and is able to support a number of propagating optical modes at telecommunications wavelengths. Each number is less than seventy.

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

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAME RETARDANT MODIFIED POLYPROPYLENE COMPOSITE IMPROVED BY CERAMIC FIBRE AND PREPARATION PROCESS THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C08L23/12,C08K13/06,C08K9/06 :201010608267.0 :28/12/2010	(71)Name of Applicant : 1)SHANGHAI KINGFA SCI. & TECH. CO. LTD. Address of Applicant :No. 88 Kangyuan Road Town of
(33) Name of priority country	:China	Zhujiajiao Industrial Park Qingpu District Shanghai 201714 China
(86) International Application No Filing Date	:PCT/CN2011/001457 :30/08/2011	(72)Name of Inventor :1)YANG Dingjifu2)XIA Jianmeng
(87) International Publication No	:WO 2012/088743	3)TIAN Jinli
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed in the present invention are a flame retardant modified polypropylene composite improved by ceramic fibre and a preparation process thereof; the composite is composed by weight thus: 60 75 parts of a polypropylene resin 15 30 parts of ceramic fibre 5 10 parts of a fire retardant; and 3 10 parts of a processing aid. The flame retardant modified polypropylene composite improved by ceramic fibre provided by the present invention has good flame retardance properties of high heat resistancy high surface hardness and at the same time has high internal surface rigidity etc. and has a flame retardant rating up to UL94 V O and is able to meet the operating requirements for shells and the internal structure components of electrical articles. The process for preparing flame retardant improved polypropylene composite containing ceramic fibre of the present invention uses a twin screw extrusion device and has advantages such as a simple procedure continuity high production efficiency and a stable product quality.

No. of Pages : 10 No. of Claims : 14

(21) Application No.5879/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYMERS DERIVED FROM ITACONIC ACID

 (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 	:C08F20/04,C08F20/08 :61/419004 :02/12/2010 :U.S.A. :PCT/US2011/062827 :01/12/2011 :WO 2012/075245 :NA :NA	 (71)Name of Applicant : 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant :9911 Brecksville Road Cleveland Ohio 44141 3247 U.S.A. (72)Name of Inventor : 1)LAI John Ta Yuan 2)ANDERLE Gary A. 3)CHOU Ti
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to polymers containing structural units derived from itaconic acid which are useful as binders for fiberglass.

No. of Pages : 23 No. of Claims : 26

(21) Application No.5890/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTROCHEMICAL ELEMENT SEPARATOR AND MANUFACTURING METHOD FOR SAME (51) International classification :H01M2/16,C08J9/26 (71)Name of Applicant : (31) Priority Document No 1)TOKUSHU TOKAI PAPER CO. LTD. :2011226268 (32) Priority Date Address of Applicant :4379 Mukaijima cho Shimada shi :13/10/2011 (33) Name of priority country Shizuoka 4278510 Japan :Japan (86) International Application No :PCT/JP2012/076454 (72)Name of Inventor : **1)NEMOTO Satoshi** Filing Date :12/10/2012 (87) International Publication No :WO 2013/054888 2)MACHII Yoshiharu (61) Patent of Addition to Application 3)MURAKAMI Eri :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a manufacturing method for an electrochemical element separator with a volume resistivity of 1500 O·cm or less determined by using a 20 kHz alternating current in a state where 1 mol/LiPF/propylene carbonate solution is impregnated the method being provided with the following: a step for applying onto a base material a slurry that includes at least cellulose fibers and a hydrophilic opening agent with a boiling point of at least 180°C; a step for drying the slurry and forming a sheet on the base material; and a step for peeling off the sheet from the base material to obtain a separator made of that sheet. The present invention is able to provide an electrochemical element separator that has exceptional performance such as low internal resistance as a separator for electrochemical elements and also has high lithium cutoff characteristics not achievable with non woven cloth or paper or such and is inexpensive.

No. of Pages : 39 No. of Claims : 12

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MICROPOROUS MEMBRANE AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C08J9/26,B29C41/12,H01M2/16 :2011226272 :13/10/2011 :Japan :PCT/JP2012/076456 :12/10/2012 :WO 2013/054889 :NA :NA	 (71)Name of Applicant : 1)TOKUSHU TOKAI PAPER CO. LTD. Address of Applicant :4379 Mukaijima cho Shimada shi Shizuoka 4278510 Japan (72)Name of Inventor : 1)MACHII Yoshiharu 2)NEMOTO Satoshi 3)MORI Yohta
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a microporous membrane comprising cellulose fibers wherein the cellulose fibers contain at least 5 wt% of fibers having a thickness of at least 1 μ m relative to a baseline of the total weight of the cellulose fibers the mode diameter (most common diameter) in the micropore distribution measured by means of a mercury press in method is less than a micropore diameter of 0.3 μ m the air permeation resistance per membrane thickness of 10 μ m is 20 600 seconds and the volume resistivity measured using a 20 kHz alternating current in the state of being impregnated with 1 mol/LiPF/propylene carbonate solution is no greater than 1500 O·cm. Using the microporous membrane according to the present invention it is possible to provide a separator for an electrochemical element having superior characteristics at a low cost.

No. of Pages : 44 No. of Claims : 14

(21) Application No.5673/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A61B17/88 :61/430435 :06/01/2011 :U.S.A. :PCT/US2012/020403 :06/01/2012 :WO 2012/094549 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS LLC Address of Applicant :325 Paramount Drive Raynham MA 02767 U.S.A. 2)SYNTHES GMBH (72)Name of Inventor : 1)ROTH Christian 2)NEDUNKANAL Suryo 3)SERTORE Michele 4)WHEELER Kurtis 5)CHAVATTE Kris 6)WEBER Markus 7)OBERLI Joel
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(54) Title of the invention : HYDRAULIC INJECTION SYSTEM FOR BONE CEMENT

(57) Abstract :

A hydraulic injection system is provided for injecting bone cement to a target anatomical location. The injection system can include a hydraulic injector configured to dispense a pressurized fluid a cement cartridge assembly and one or more conduits. The cement cartridge assembly includes at least one cement cartridge configured to receive the pressurized fluid and deliver the bone cement to the target anatomical location. The conduit is connected between the hydraulic injector and the cement cartridge assembly.

No. of Pages : 89 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COATED X RAY WINDOW		
 (54) Title of the invention : COATED X R. (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 	AY WINDOW :H01J35/18 :NA :NA :NA :PCT/EP2010/068843 :03/12/2010 :WO 2012/072146 :NA :NA	 (71)Name of Applicant : 1)EXCILLUM AB Address of Applicant :Finlandsgatan 14 Kista 164 74 Sweden (72)Name of Inventor : 1)HEMBERG Oscar 2)TUOHIMAA Tomi
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

An X ray window comprises a primary (22) and a secondary (70) window element. In order to evaporate debris by ohmic heating current flows through the secondary (upstream) window element. Meanwhile electric charge originating from electron irradiation and/or depositing charged particles is to be drained off the window element. To prevent large debris particles from short circuiting the window element and changing the desired heating pattern the current for heating the window element flows through a layer (72) which is insulated from the charge drain layer (76).

No. of Pages : 23 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUPPORT WASHER FOR SHOCK ABSORBER VALVE WITH BLOW OFF TUNABILITY			
 (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 	:F16F9/32,F16F9/34 :13/020822 :04/02/2011 :U.S.A. :PCT/US2012/021647 :18/01/2012 :WO 2012/106113 :NA :NA :NA :NA	 (71)Name of Applicant : TENNECO AUTOMOTIVE OPERATING COMPANY INC. Address of Applicant :500 North Field Drive Lake Forest Illinois 60045 U.S.A. (72)Name of Inventor : MCGAHEY John Patrick 	

(57) Abstract :

A valve assembly for a shock absorber includes a valve body defining a fluid passage. A valve disc engages the valve body to close the fluid passage. A fulcrum disc engages the valve disc at a first position and a second position radially outward from the first position. The fulcrum disc is designed such that the second position is closer to the valve body. In one embodiment the fulcrum disc is concave with respect to the valve body.

No. of Pages : 23 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED POWDEROUS VITAMIN E FORMULATIONS

(51) International classification	:A61K8/67,A61K31/335,A23K1/16	(71)Name of Applicant : 1)DSM IP ASSETS B.V.
(31) Priority Document No	:02177/10	Address of Applicant :Het Overloon 1 NL 6411 The Heerlen
(32) Priority Date	:27/12/2010	Netherlands
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/074084 :27/12/2011	1)GADIENT Martin 2)LINDEMANN Thomas 3)SCHWANINGER Mischa
(87) International Publication No	:WO 2012/089729	4)VOELKER Karl Manfred 5)URBAN Kai
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)KIRCHEN Stefanie
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to improved vitamin E formulations as well as to the production of such formulations.

No. of Pages : 15 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYAMIDE CONTAINING MONOMER UNITS OF 1 4 BUTYLENE DIAMINE

(51) International	·C08G60/26 C08G60/28 C08G60/24	(71)Name of Applicant :
classification	.08009/20,08009/28,08009/34	1)DSM IP Assets B.V.
(31) Priority Document No	:11154527.3	Address of Applicant : Het Overloon 1 NL 6411 TE Heerlen
(32) Priority Date	:15/02/2011	Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International	DCT/ED2012/052220	1)JANSSEN Pim Gerard Anton
Application No	PC1/EP2012/052278	2)RULKENS Rudy
Filing Date	:10/02/2012	3)LIGTHART Godefridus Bernardus Wilhelmus Leonardus
(87) International Publication	W/O 2012/110/12	
No	:WO 2012/110413	
(61) Patent of Addition to	214	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to		
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the production of a polyamide containing monomeric units of 1 4 butylene diamine an aliphatic dicarboxylic acid having 6 12 carbon atoms and a fatty acid based dicarboxylic acid and/or diamine derived there from which process comprises the steps of: a) making an aquous salt mixture containing 1 4 butylene diamine the aliphatic dicarboxylic acid having 6 12 carbon atoms and the fatty acid based dicarboxylic acid and/or diamine derived there from the mixture containing less than 50 wt% water and distilling the mixture to less than 15 wt% of water at a pressure of less than 16 barg while keeping the mixture at a temperature high enough to keep it liquid b) starting the polymerization of the mixture obtained in step a) by increasing the temperature until to at least 180 °C until at least 80 % of the reactive groups has been converted c) optionally supplying further 1 4 butylene diamine an aliphatic dicarboxylic acid having 6 12 carbon atoms and a fatty acid based dicarboxylic acid and/or diamine derived there from the mixture steps and a liphatic dicarboxylic acid having 6 12 carbon atoms and a fatty acid based dicarboxylic acid and/or diamine derived there from to the reaction mixture. The invention further relates to the polyamides obtained a composition comprising the polyamide and the shaped articles made out of the composition.

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

(21) Application No.5888/DELNP/2013 A

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : USE OF SIGMA LIGANDS IN BONE CANCER PAIN

(51) International classification (31) Priority	:A61K31/4152,A61K31/4155,A61K31/4523	 (71)Name of Applicant : 1)LABORATORIOS DEL DR. ESTEVE S.A. Address of Applicant : Avda, Mara de Du de Montserrat 221 E
Document No	:10382330.8	08041 Barcelona Spain
(32) Priority Date	:03/12/2010	(72)Name of Inventor :
(33) Name of priority	·EPO	1)ZAMANILLO CASTANEDO Daniel
country		2)VELA HERN NDEZ Jos Miguel
(86) International	:PCT/EP2011/071584	3)PLATA SALAMAN Carlos
Application No Filing Date	:02/12/2011	
(87) International	·WO 2012/072782	
Publication No		
(61) Patent of		
Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number Filing Date	:NA	

(57) Abstract :

The invention refers to the use of a sigma ligand particularly a sigma ligand of formula (I) to prevent and/or treat pain associated to bone cancer.

No. of Pages : 46 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MESHING CHAIN STOPPER			
 (54) Title of the invention : MESHING CH (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 	AIN STOPPER :F16G13/20 :2011000572 :05/01/2011 :Japan :PCT/JP2011/078679 :12/12/2011 :WO 2012/093559	 (71)Name of Applicant : 1)TSUBAKIMOTO CHAIN CO. Address of Applicant :3 3Nakanoshima 3 chome Kita ku Osaka shi Osaka 5300005 Japan (72)Name of Inventor : 1)SAJI Tomoyuki 	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA		

(57) Abstract :

Chain detachment and chain entry are avoided and a process for setting the length of a meshing chain is avoided while the chain feed length can also be freely changed. A meshing chain stopper (190L) comprises a meshing chain stopper attachment part (191) and a contact stop protrusion (192). The contact stop protrusion (192) is contact stopped at a contact stop point (173A) provided on the periphery of a chain locus (L) when a pair of meshing chains (150 150) are being driven.

No. of Pages : 43 No. of Claims : 5

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH PRESSURE PUMP FOR A FUEL INJECTION DEVICE

(51) International classification (31) Priority Document No	:F04B1/14,F04B1/20,F04B39/12 :10 2011 004 095.1	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date	:15/02/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No.	p:PCT/EP2012/050224	(72)Name of Inventor :
Filing Date	:09/01/2012	1)AMBROCK Sascha
(87) International Publication No	:WO 2012/110261	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A high pressure pump for a fuel injection device of an internal combustion engine having a pump housing 6 with a pump interior 5 into which an inlet 4 for fuel opens out and having a metering unit 12 for metering fuel into a pump working chamber 11 wherein the metering unit 12 is connected to the pump interior 5. According to the invention a high pressure pump for a fuel injection device is provided which realizes an increase in efficiency through a reduction in pressure losses. This is achieved in that a flow connection which directly connects the pump interior 5 to the metering unit 12 is formed into the pump housing 6.

No. of Pages : 11 No. of Claims : 8

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INDOLE COMPOUNDS OR ANALOGUES THEREOF USEFUL FOR THE TREATMENT OF AGE RELATED MACULAR DEGENERATION (AMD)

(51) International classification (21) Priority Document	:C07D401/14,C07D403/12,C07D403/14	(71)Name of Applicant : 1)NOVARTIS AG Address of Applicant : Lightstrasso 25 CH 4056 Pagel
No	:61/429730	Switzerland
(32) Priority Date	:04/01/2011	2)STARK ROGEL Vronique
(33) Name of priority	·USA	(72)Name of Inventor :
country	.0.5.A.	1)ALTMANN Eva
(86) International	·PCT/FP2012/050005	2)HOMMEL Ulrich
Application No	.02/01/2012	3)LORTHIOIS Edwige Liliane Jeanne
Filing Date	.02/01/2012	4)MAIBAUM Juergen Klaus
(87) International	·WO 2012/093101	5)OSTERMANN Nils
Publication No		6)QUANCARD Jean
(61) Patent of Addition to	·NA	7)RANDL Stefan Andreas
Application Number	·NA	8)SIMIC Oliver
Filing Date	.1 1/2 1	9)VULPETTI Anna
(62) Divisional to	·NA	
Application Number	·NA	
Filing Date		

(57) Abstract :

The present invention provides a compound of formula (I): a method for manufacturing the compounds of the invention and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 564 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTROL DEVICE FOR PLANT AND CONTROL DEVICE FOR THERMAL 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 Filing Date 	:G05B13/02,G05B13/04 :2011000301 :05/01/2011 :Japan :PCT/JP2011/075445 :04/11/2011 :WO 2012/093518 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)EGUCHI Toru 2)KUSUMI Naohiro 3)SEKIAI Takaaki 4)FUKAI Masayuki 5)SHIMIZU Satoru
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(57) Abstract :

The purpose of the present invention is to provide a control device for a plant that can end an optimization calculation within a control period and that improves the estimation precision of a statistical model based on an RBF network in the case that the statistical model is adjusted online by using measurement data of the plant. This control device for a plant comprises: a statistical model for estimating the value of a measurement signal obtained when a control signal is provided to the plant; a model construction database for saving data used in constructing the statistical model; a data preprocessor for statistically processing the measurement signal and generating model construction data; an operation method learning unit for learning a method for generating a model input so that the model output achieves a target value; and a model adjustment unit for adjusting the radius parameter of the statistical model included in the information saved in the model construction database. The statistical model is configured so as to generate the model output by using the result of adjusting the radius parameter by the model adjustment unit.

No. of Pages : 95 No. of Claims : 20

(21) Application No.5908/DELNP/2013 A

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PROCESSING PLASTIC MATERIAL AND THE PROCESSED PLASTIC MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B41M5/50,B41M5/00,G09F3/04 :20106287 :03/12/2010 :Finland :PCT/FI2011/051072 :02/12/2011	 (71)Name of Applicant : 1)SYRJ,,L,, Matti Address of Applicant :c/o Innotools Oy Muovikuja 3 FI 55120 Imatra Finland 2)SJ-HOLM Mika (72)Name of Inventor : 1)SYRJ,,L,, Matti 2)SJ-HOLM Mika
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a method for processing plastic material in order to print the plastic material. According to the invention at least one surface of the plastic material is coated with a coating mixture that contains a pigment and a binder to provide a coating layer and the plastic material is charged electrically. In addition the invention relates to the corresponding processed plastic material.

No. of Pages : 16 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISTRIBUTED COMBUSTION PROCESS AND BURNER

 (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 	:F23L7/00 :12/982818 :30/12/2010 :U.S.A. :PCT/US2011/066527 :21/12/2011 :WO 2012/092069 :NA :NA :NA :NA	 (71)Name of Applicant : LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 quai dOrsay F 75007 Paris France (72)Name of Inventor : KANG Taekyu GAUTAM Vivek 3)PRABHAKAR Rajeev S. 4)GRAND Benoit LEROUX Bertrand MORTBERG Magnus 7)DOCQUIER Nicolas
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(57) Abstract :

A burner has a fuel/oxidant nozzles and a pair of dynamical lances spaced on either side thereof that inject a jet of fuel and primary oxidant along a fuel injection axis and jets of secondary oxidant respectively. Jets of actuating fluid impinge against the jets of secondary oxidant to fluidically angle the jets of secondary oxidant away from the fuel injection axis. The action of the angling away together with staging of the oxidant between primary and secondary oxidant injections allows achievement of distributed combustion conditions.

No. of Pages : 38 No. of Claims : 20

(21) Application No.5762/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

	0.0551/0.0	
(51) International classification	:G05F1/00	(71)Name of Applicant :
(31) Priority Document No	:12/979701	1)LOCKHEED MARTIN CORPORATION
(32) Priority Date	:28/12/2010	Address of Applicant :6801 Rockledge Drive Bethesda MD
(33) Name of priority country	:U.S.A.	20817 U.S.A.
(86) International Application No	:PCT/US2011/067191	(72)Name of Inventor :
Filing Date	:23/12/2011	1)LEVAN David O.
(87) International Publication No	:WO 2012/092198	2)CLAYTON Munroe C.
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SAFE AREA VOLTAGE AND CURRENT INTERFACE

(57) Abstract :

A safe area voltage and current interface is provided that includes an antenna and mode selection unit an antenna tuner unit and an interface unit. The antenna and mode selection unit determines a frequency mode and an antenna mode for an output signal. The antenna tuner unit is directly connected to the antenna and mode selection unit and is configured to tune the output signal based on the frequency mode and the antenna mode determined by the antenna and mode selection unit. The interface unit is directly connected to the antenna and mode selection unit. The interface unit is directly connected to the antenna and mode selection unit. The interface unit is directly connected to the antenna tuner unit and is configured to ensure that a current and voltage level of the output signal does not exceed an intrinsically safe current and voltage level while maintaining the peak current level of the output signal to a level sufficient to drive an electronic component disposed in an unsafe environment.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.5910/DELNP/2013 A (19) INDIA (22) Date of filing of Application :01/07/2013 (43) Publication Date : 05/12/2014 (54) Title of the invention : MICROANALYSIS OF CELLULAR FUNCTION (51) International classification :G01N15/14,B03C5/00,B03C5/02 (71)Name of Applicant : :61/419377 (31) Priority Document No 1)MINDSEEDS LABORATORIES SRL (32) Priority Date :03/12/2010 Address of Applicant : Via Fondazza 53 I 40125 Bologna Italy (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application 1)BOCCHI Massimo :PCT/EP2011/071819 2)GUERRIERI Roberto No :05/12/2011 Filing Date (87) International Publication :WO 2012/072822 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An inverted microwell (102) provides rapid and efficient microanalysis system (100) and method for screening of biological particles (128) particularly functional analysis of cells on a single cell basis. The use of an inverted open microwell system (102) permits identification of particles cells and biomolecules that may be combined to produce a desired functional effect also functional screening of secreted antibody therapeutic activity as well as the potential to recover cells and fluid and optionally expand cells such as antibody secreting cells within the same microwell.

No. of Pages : 72 No. of Claims : 43

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRODE FOR ELECTROLYSIS ELECTROLYTIC CELL AND PRODUCTION METHOD FOR ELECTRODE FOR ELECTROLYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C25B11/08,C25B1/26,C25B9/00 :2010279634 :15/12/2010 :Japan :PCT/JP2011/078952 :14/12/2011 :WO 2012/081635 :NA :NA :NA	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)HANEDA Tsuyoshi 2)TSUCHIDA Kazuyuki 3)HACHIYA Toshinori
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(57) Abstract :

An electrode for electrolysis is provided with a conductive substrate a first layer formed on the conductive substrate and a second layer formed on the first layer. The first layer contains at least one kind of an oxide selected from the group consisting of a ruthenium oxide an iridium oxide and a titanium oxide and the second layer contains an alloy of platinum and palladium. The electrode for electrolysis maintains low overvoltage while retaining excellent durability over a long period of time.

No. of Pages : 61 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GATE VALVE ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E21B33/06,E21B29/04,E21B29/08 :11500063 :04/01/2011 :Sweden :PCT/IB2011/055891 :22/12/2011	 (71)Name of Applicant : 1)AKER SUBSEA AS Address of Applicant :P.O Box 94 N 1364 Lysaker Norway (72)Name of Inventor : 1)HERLAND Jan 2)LUNDHEM Lars
(87) International Publication No	:WO 2012/093312	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A gate valve assembly (100) for use in subsea workover systems is disclosed. In an embodiment the gate valve assembly (100) includes a valve block (102). The valve block (102) includes a cutting gate (204) disposed in a valve cavity (206) such that the cutting gate (204) can engage in a reciprocating motion in the valve cavity (206) between an open position and a closed position. The reciprocating motion of the cutting gate (204) results in a cutting operation of a tubing conveyed string passing through the gate valve assembly (100). The gate valve assembly (100) further includes a slug pit (202) formed in the valve block (102) alongside the valve cavity (206). The slug pit (202) defines an opening which can contain one or more cuttings from tubing conveyed springs resulting from the cutting operation. The reciprocating motion of the cutting gate (204) transports one or more cuttings of the tubing conveyed string to the slug pit (202).

No. of Pages : 18 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GAS DIFFUSION ELECTRODE		
 (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 	n:H01M4/88,C25B11/03,H01M4/86 :10197276.8 :29/12/2010 :EPO :PCT/EP2011/073937 :23/12/2011 :WO 2012/089658 :NA :NA :NA	 (71)Name of Applicant : 1)PERMASCAND AB Address of Applicant :Folkets Husvgen 50 S 840 10 Ljungaverk Sweden (72)Name of Inventor : 1)SHIMAMUNE Takayuki 2)KIROS Yohannes

(57) Abstract :

A method of preparing a gas diffusion electrode comprising a diffusion layer and a reaction layer arranged to each other wherein the diffusion layer is prepared by i) admixing a) sacrificial material b) polymer and c) a metal based material and d) optional further components wherein the sacrificial material has a release temperature below about 275 °C and is added in an amount from about 1 to about 25 wt% based on the total weight of components a) d) admixed; ii) forming a diffusion layer from the admixture of step i); iii) heating the forming diffusion layer to a temperature lower than about 275 °C so as to release at least a part of said sacrificial material from the diffusion layer. A gas diffusion electrode comprising a diffusion layer and a reaction layer arranged to one another wherein the diffusion layer has a porosity ranging from about 60 to about 95 % and an electrolytic cell comprising the electrode. An electrolytic cell a fuel cell comprising the gas diffusion electrode and a metal air battery comprising the gas diffusion electrode.

No. of Pages : 22 No. of Claims : 15

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TDD DATA TRANSMISSION ON MULTIPLE CARRIERS WITH SUB FRAMES RESERVED FOR PREDETERMINED TRANSMISSION DIRECTIONS

 (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 (92) Publication No (92) Divisional to Application Number (92) Divisional to Application Number (93) Publication Number (94) Publication Number (94) Publication Number (95) Publication Number (94) Publication Number (95) Publication Number (95) Publication Number (96) Publication Number (97) Publication Number (98) Publi	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)TIIROLA Esa Tapani 2)HOOLI Kari Juhani 3)PAJUKOSKI Kari Pekka 4)ROESSEL Sabine
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(57) Abstract :

Apparatus and method for communication are provided. The apparatus comprises a controller (702) for controlling the transmission and reception of data on one or more carriers utilizing Time Division Duplexing and frames comprising sub frames where multiple carriers utilized by different apparatuses are synchronized with each other and a predetermined number of sub frames of each frame are reserved for predetermined transmission directions and a scheduler (712) for allocating the rest of the sub frames carrier specifically either in downlink or uplink direction.

No. of Pages : 24 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : EXTERNAL AUTHENTICATION SUPPORT OVER AN UNTRUSTED NETWORK

(57) Abstract :

There are provided measures for supporting an authentication to an external packet data network over an untrusted access network said measures exemplarily comprising authenticating a user equipment to a communication network providing connectivity for the user equipment across an unsecured access network in response to a first authentication request wherein the authentication request is an authentication request of a key information exchange mechanism and includes authentication data receiving a second authentication request for authenticating the user equipment towards a packet data network external to the communications network. The measures may further comprise creating a binding update message including the authentication data and identity information of the user received from the user equipment.

No. of Pages : 41 No. of Claims : 37

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FOLD AWAY IRONING DEVICE WITH STEAM GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D06F81/06,A47G1/02,A47G29/00 :10/04759 :07/12/2010 :France :PCT/FR2011/000640	 (71)Name of Applicant : 1)PARIENTI Raoul Address of Applicant :92 boulevard de Cimiez F 06000 Nice France (72)Name of Inventor : 1)PARIENTI Raoul
Filing Date	:06/12/2011	
(87) International Publication No	:WO 2012/076772	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Fold away ironing device comprising a frame (12) attached to the wall and in which there is an ironing board surrounded by a mobile frame (18). In a first position the ornamental front part is visible in the frame fixed to the wall and the ironing board is folded away and in the second position the front part is folded away and the ironing board becomes visible. First pivot means comprising a top hinge and a bottom hinge at the right hand end or at the left hand end of the frame fixed to the wall forming a vertical axis allowing the ironing board to be pivoted through an angle of around 90° and on the other hand two hinges situated at the middle of the horizontal parts of the mobile frame forming the vertical axis (20) allowing the ironing board to pivot so that it becomes visible. Second pivot means allow the ironing board in the second position to be moved from the vertical position into the horizontal position.

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

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEDICAL SYSTEM AND METHODS FOR PROVIDING OBESITY THERAPY IN RESPONSE TO A HEART RATE CHANGE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61N1/36,A61N1/372,A61B5/024 :12/980695 :29/12/2010 :U.S.A.	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2011/065031 :15/12/2011 :WO 2012/091928	1)BAYNHAM Tamara C. 2)HARRIS Jason L.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Methods and devices (10) are provided for delivering obesity therapy to a patient. In general the methods and devices allow for onset of a patient eating solid food e.g. the patient beginning a meal to trigger delivery of an obesity therapy to a patient. The obesity therapy can be delivered to a patient for a limited period of time such that the patient stops receiving the obesity therapy prior to a second onset of a patient eating solid food e.g. the patient beginning a second meal which can trigger a second delivery of obesity therapy to the patient for a limited period of time.

No. of Pages : 40 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :F16D9/04,F01D21/02 (71)Name of Applicant : (31) Priority Document No :1150066 1)TURBOMECA (32) Priority Date :05/01/2011 Address of Applicant :F 64510 Bordes France (33) Name of priority country (72)Name of Inventor : :France (86) International Application No :PCT/FR2012/050001 **1)BATLLE Frdric Ferdinand Jacques** Filing Date :03/01/2012 (87) International Publication No :WO 2012/093228 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MECHANICAL PROTECTION METHOD AND DEVICE

(57) Abstract :

The invention relates to the field of mechanical protection methods and devices and in particular relates to a mechanical protection device comprising a transmission shaft (1) with a resonant frequency in bending that corresponds to a predetermined overspeed in the rotation of the transmission shaft (1) that is not damped enough to avoid breakage of the transmission shaft (1) as a result of said bending resonance and to a mechanical protection method involving the breakage of the transmission shaft (1) as a result of this bending resonance.

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

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G01B11/10	(71)Name of Applicant :
(31) Priority Document No	:201010562691.6	1)HEFEI BAISHENG SCIENCE & TECHNOLOGY CO.
(32) Priority Date	:27/11/2010	LTD.
(33) Name of priority country	:China	Address of Applicant :No. 32 Hongfeng Road High
(86) International Application No	:PCT/CN2011/082959	Technology Development Zone Hefei Anhui 230088 China
Filing Date	:25/11/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/069013	1)LOU Ting
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LIGHT SOURCE APPARATUS FOR DIAMETER MEASURING INSTRUMENT

(57) Abstract :

A light source apparatus for a diameter measuring instrument for use in a diameter measuring apparatus performing online real time measurements on wire rod materials during the wire/rod rolling process in the metallurgy industry. The diameter measuring instrument comprises a through hole (3) provided on a rotary chassis (2) disposed in a housing (1) wire/rod material passing through the through hole and the rotary chassis being driven to rotate by a driving mechanism. Two collimated parallel beams are respectively incident upon the two reflecting pieces (30a and 30b) of the reflector and the collimated parallel beams emanating from the two reflecting pieces (30a and 30b) are incident upon the wire/rod material being measured which has passed through the middle of the through hole (3). The illuminated region created by superimposing the collimated parallel beams emanating from the two reflecting pieces (30a and 30b) in the radial direction of the wire/rod material is larger than the illuminated region created by a parallel beam in the radial direction emanating from only one of the two individual reflecting pieces (30a and 30b). The light source instrument provides a stable light source so as to enhance measuring reliability and precision. At the same time the light source instrument ensures the provision in a limited amount of space of a light beam that creates a large illuminated region so as to fulfill various standard measuring needs in the wire/rod material measuring process.

No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G05F1/618	(71)Name of Applicant :
(31) Priority Document No	:12/979708	1)LOCKHEED MARTIN CORPORATION
(32) Priority Date	:28/12/2010	Address of Applicant :6801 Rockledge Drive Bethesda MD
(33) Name of priority country	:U.S.A.	20817 U.S.A.
(86) International Application No	:PCT/US2011/067192	(72)Name of Inventor :
Filing Date	:23/12/2011	1)LEVAN David O.
(87) International Publication No	:WO 2012/099690	2)CLAYTON Munroe C.
(61) Patent of Addition to Application	·NA	
Number	.INA •NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SAFE AREA VOLTAGE REGULATOR

(57) Abstract :

A safe area voltage regulator is provided comprising a loss element a distributed shunt regulator and an output terminal. The loss element component is directly connected to the distributed shunt regulator and includes a plurality of loss elements connected in series. The distributed shunt regulator is made up of a plurality of shunt regulators connected in parallel and is configured to regulate a peak voltage of a voltage signal to below a maximum voltage threshold. The output terminal is directly connected to the distributed shunt regulator and configured to output the voltage signal with the regulated peak voltage. The safe area voltage regulator is ensures that the voltage signal with the regulated peak voltage threshold when a fault occurs to a signal power amplifier inputting the voltage signal to any one of a safe area voltage regulator a shunt regulators or a loss element.

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

(21) Application No.5756/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(51) International classification:C(31) Priority Document No:6(32) Priority Date:2(33) Name of priority country:L(86) International Application No:PFiling Date:2(87) International Publication No:W(61) Patent of Addition to Application:NNumber:NFiling Date:N(62) Divisional to Application Number:NFiling Date:NStiling Date:NFiling Date:N	C10L1/00,C10G3/00 51/424816 20/12/2010 U.S.A. PCT/US2011/066140 20/12/2011 WO 2012/088103 NA NA NA NA	 (71)Name of Applicant : 1)SHELL OIL COMPANY Address of Applicant :One Shell Plaza P.O. Box 2463 Houston Texas 77252 2463 U.S.A. 2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (72)Name of Inventor : 1)POWELL Joseph Broun 2)CHHEDA Juben Nemchand
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(54) Title of the invention : PROCESS TO PRODUCE BIOFUELS FROM BIOMASS

(57) Abstract :

A method to produce biofuels from biomass is provide by contacting the biomass with an aqueous media to form an extracted biomass separating at least a portion of an aqueous liquor from the extracted biomass thereby providing the aqueous liquor stream comprising soluble carbohydrates; contacting the aqueous liquor stream with a purification substrate effective to remove sulfur compounds and nitrogen compounds thereby producing a treated carbohydrate stream having less than 35% of the sulfur content and less than 35% of the nitrogen content of the untreated aqueous liquor feed based on the untreated aqueous liquor stream then contacting the treated carbohydrate stream with an aqueous phase reforming catalyst to form a plurality of oxygenated intermediates; and processing at least a portion of the oxygenated intermediates to form a liquid fuel.

No. of Pages : 50 No. of Claims : 13

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AQUEOUS SOLUTION HYDROLYSIS OF CELLULOSE FOLLOWED BY PLATINUM CATALYZED HYDRODEOXYDATION OF INTERMEDIATE OXYGENATES TO FUELS

(51) International classification	:C10G3/00,C07G1/00,C10G1/00	(71)Name of Applicant :
(31) Priority Document No	:61/424803	I)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:20/12/2010	MAATSCHAPPIJ B.V.
(33) Name of priority country	:U.S.A.	Address of Applicant : Carel van Bylandtlaan 30 NL 2596 The
(86) International Application No.	D:PCT/US2011/066173	Hague Netherlands
Filing Date	:20/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/088121	1)POWELL Joseph Broun
(61) Patent of Addition to	:NA	2)CHHEDA Juben Nemchand
Filing Date	:NA	
(62) Divisional to Application	·NA	
Number	·NA	
Filing Date	.1 1/1	

(57) Abstract :

Biofuels can be produced by: (i) providing a biomass containing celluloses hemicelluloses lignin nitrogen compounds and sulfur compounds; (ii) removing sulfur compounds and nitrogen compounds from the biomass by contacting the biomass with a digestive solvent to form a pretreated biomass containing carbohydrates and having less than 35% of the sulfur content and less than 35% of the nitrogen content of untreated biomass on a dry mass basis; (iii) contacting the pretreated biomass directly with hydrogen in the presence of a hydrogenolysis catalyst to form a plurality of oxygenated intermediates and (vi) processing at least a portion of the oxygenated intermediates to form a liquid fuel.

No. of Pages : 56 No. of Claims : 16

(21) Application No.5759/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) International Publication No (32) International Publication No (33) International Publication No (34) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (38) International Publication No (38) International Publication No	 1/00,C10G3/00 (71)Name of Applicant : 1)SHELL OIL COMPANY Address of Applicant :One Shell Plaza P.O. Box 2463 Houston Texas 77252 2463 U.S.A. 2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (72)Name of Inventor : 1)POWELL Joseph Broun 2)CHHEDA Juben Nemchand
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(54) Title of the invention : PROCESS TO PRODUCE BIOFUELS FROM BIOMASS

(57) Abstract :

A method to produce biofuels from biomass is provide by contacting the biomass with an aqueous media to form an extracted biomass separating at least a portion of an aqueous liquor from the extracted biomass thereby providing the aqueous liquor stream comprising soluble carbohydrates; contacting the aqueous liquor stream with a purification substrate effective to remove sulfur compounds and nitrogen compounds thereby producing a treated carbohydrate stream having less than 35% of the sulfur content and less than 35% of the nitrogen content of the untreated aqueous liquor feed based on the untreated aqueous liquor stream then contacting the treated carbohydrate stream directly with hydrogen in the presence of a hydrogenolysis catalyst to form a plurality of oxygenated intermediates; and processing at least a portion of the oxygenated intermediates to form a liquid fuel.

No. of Pages : 49 No. of Claims : 13

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYURETHANE FLAME RETARDANT FORMULATION

 (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 	:C08K3/22,C08K5/52,C08G18/02 :11156519.8 :02/03/2011 :EPO :PCT/EP2012/052223 :09/02/2012 :WO 2012/116885 :NA	 (71)Name of Applicant : 1)HUNTSMAN INTERNATIONAL LLC Address of Applicant :500 Huntsman Way Salt Lake City Utah 84108 U.S.A. (72)Name of Inventor : 1)BOURBIGOT Serge 2)DUQUESNE Sophie 3)SAMYN Fabienne 4)MULLER Maryska 5)LINDSAY Chris Ian 6)KLEIN Rene Alexander
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	4)MULLER Maryska 5)LINDSAY Chris Ian 6)KLEIN Rene Alexander 7)GIANNINI Giacomo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a formulation suitable to provide polyurethane the formulation comprising (a) at least one polyurethane forming mixture; (b) at least one phosphate component selected from the group consisting of ammonium polyphosphate (APP) and melamine phosphates and mixtures thereof and; (c) at least one metal or metalloid oxide particle having a maximum particle size of less than 300μ m wherein the metal or metalloid is selected from the group consisting of Mg and Al and wherein wherein said at least one phosphate component is present in an amount ranging from 20 to 45% by weight based on 100% by weight of the formulation.

No. of Pages : 28 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SOCKET IN PARTICULAR AN ACETABULAR SOCKET FOR A HIP ENDOPROSTHESIS

 (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 	:A61F2/34,A61F2/00 :NA :NA :NA :PCT/EP2011/050336 :12/01/2011 :WO 2012/095168 :NA :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW ORTHOPAEDICS AG Address of Applicant :Erlenstrae 4a CH 6343 Rotkreuz Switzerland (72)Name of Inventor : 1)KLOCKOW Andreas 2)ODERMATT Pius
Filing Date	:NA	

(57) Abstract :

An acetabular socket (1) for a hip endoprosthesis comprises a socket shell (7) and a socket insert (8). The socket shell (7) is configured for implantation in a pelvic bone (2) of a patient and has an inner surface (12) that defines an accommodating space (10) extending about an axis of rotation (11). The socket insert (8) is coupleable with the socket shell (7) and is configured to provide a bearing for a joint head (6) of a prosthesis stem (3). The socket insert (8) has an outer surface (14) configured to be seated in the accommodating space (10) of the socket shell (7). A moveable anti lock means (17) is provided between the socket shell (7) and the socket insert (8). In a first position the anti lock means (17) restrains the socket insert (8) from seating within die accommodating space (10) of the socket shell (7) but the anti lock means (17) is moveable into a second position wherein the socket insert (7) is capable of seating within the socket shell (7) and of coupling therewith. The anti lock means (17) preventing the socket insert (8) from prematurely locking into an undesirable position in the socket shell (7) prior to correct positioning and orientation by a surgeon during implantation.

No. of Pages : 20 No. of Claims : 15

(21) Application No.5930/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH STRENGTH AUSTENITIC STAINLESS STEEL FOR HIGH PRESSURE HYDROGEN GAS

(51) International classification (31) Priority Document No	n:C22C38/00,C21D8/02,C22C38/60 :2011070045	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:28/03/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application	:PCT/JP2012/057001	Tokyo 1008071 Japan
No	:19/03/2012	(72)Name of Inventor :
Filing Date		1)OMURA Tomohiko
(87) International Publication	:WO 2012/132992	2)NAKAMURA Jun
NO		3)OKADA Hirokazu
(61) Patent of Addition to	:NA	4)SEMBA Hiroyuki
Application Number	:NA	5) I OMIO YUSAKU
(62) Divisional to Application		0)HIKA I A HIFOYUKI 7)IC A DASHI Magaalii
(02) Divisional to Application	:NA	A CAWA Kozubiro
Filing Date	:NA	9)TERUNUMA Masaaki
1 ming Date		

(57) Abstract :

There is provided an austenitic stainless steel for high-pressure hydrogen gas consisting, by mass percent, of C: 0.10% or less, Si: 1 .0% or less, Mn: 3% or more to less than 7%, Cr: 15 to 30%, Ni: 10% or more to less than 17%, Al: 0.10% or less, N: 0.10 to 0.50%, and at least one kind of V: 0.01 to 1.0% and Nb: 0.01 to 0.50%, the balance being Fe and impurities, wherein in the impurities, the P content is 0.050% or less and the S content is 0.050% or less, the tensile strength is 800 MPa or higher, the grain size number (ASTM El 12) is No. 8 or higher, and alloy carbo-nitrides having a maximum diameter of 50 to 1000 nrn are contained in the number of 0.4lum2 or larger in cross section observation.

No. of Pages : 25 No. of Claims : 3
(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTROLLABLE FREQUENCY OFFSET FOR INPHASE AND QUADRATURE (IQ) IMBALANCE ESTIMATION

 (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 	:H04L27/00,H04L27/28 :12/983006 :31/12/2010 :U.S.A. :PCT/IB2011/055473 :06/12/2011 :WO 2012/090097 :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)PARK Chester 2)SVENSSON Jim
Filing Date	:NA	

(57) Abstract :

Embodiments of user equipment and methods for determining IQ imbalance parameters are described. In some embodiments a method for determining in phase (I) and Quadrature (Q) imbalance (IQ imbalance) parameters based on a known signal in a dual carrier receiver using at least one controllable frequency offset includes receiving a known signal modulated onto a first radio frequency (RF) carrier frequency and a second RF carrier frequency different than the first RF carrier frequency; downconverting the known signal to a baseband signal for the first and second carriers by conversion from the respective RF carrier frequencies to an intermediate frequency (IF) using a common RF local oscillator (LO) and by further conversion from IF to baseband using carrier specific IF LOs wherein as a controllable frequency offset is used as a part of the conversion from at least one of RF to IF and IF to baseband through the LOs; removing any controllable frequency offset from the baseband signal for the first and second carriers to produce representations of the received signals of the first and second carriers; and deriving IQ imbalance parameters for each representation of the received signals of the first and second carriers using a least square estimate.

No. of Pages : 29 No. of Claims : 17

(22) Date of filing of Application :26/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING NITRILE FATTY ACID COMPOUNDS

(51) International classification	:C07C253/30,C07C255/19,C07C227/04	(71)Name of Applicant : 1)ARKEMA FRANCE
(31) Priority Document No	:1150173	Address of Applicant :420 rue dEstienne dOrves F 92700 Colombes France
(32) Priority Date	:10/01/2011	(72)Name of Inventor :
(33) Name of priority country	:France	1)BRANDHORST Markus 2)COUTURIER Jean Luc
(86) International Application No Filing Date	:PCT/FR2011/052990 :14/12/2011	3)DUBOIS Jean Luc
(87) International Publication No	:WO 2012/095575	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for synthesizing a nitrile fatty acid (heminitrile) from unsaturated fatty acids in the form of an acid or a simple ester or a complex ester of triglyceride type which is first of all converted into an unsaturated fatty nitrile which is subjected to oxidative cleavage using HO as oxidizing agent. This process can be used for preparing polyamide monomers such as amino acids or diamines or diacids equivalent to said heminitrile and for obtaining polyamides from raw materials which are of natural origin and from a renewable source.

No. of Pages : 45 No. of Claims : 24

(21) Application No.5737/DELNP/2013 A

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISK BRAKE HAVING A CONVERSION CARTRIDGE PROVIDED WITH AN ANTI MATTING 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 	:F16D55/226,F16D65/14 :1005149 :27/12/2010 :France :PCT/EP2011/071509 :01/12/2011 :WO 2012/089440 :NA :NA :NA	 (71)Name of Applicant : 1)CHASSIS BRAKES INTERNATIONAL B.V. Address of Applicant :Rapenburgerstraat 179/E NL 1011 VM Amsterdam Netherlands (72)Name of Inventor : 1)VINCK Jan 2)MACE Jean Jacques
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(57) Abstract :

The invention relates to a disk brake having a floating yoke and controlled brake piston a motion converting cartridge (200) including a rear portion bearing against the bottom of the recess in the yoke and a control shaft (220) passing through the bottom. The cartridge (200) is held in place by a housing (490) that elastically engages with the wall of the recess. The piston (270) comprises longitudinal ribs (274) entering into longitudinal grooves provided in the recess an anti matting device (400) being positioned between the arms (274) of the piston (270) and the grooves of the recess of the yoke and including a ring (410) having lugs (420) distributed in accordance with the arms (274) and having cylindrical tabs which are curved so as to match the shape of the cross section of the arms and which thus blocking the rotation of the conversion piston (270) while still allowing the piston to translate.

No. of Pages : 23 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ABSOLUTE GRAVIMETRIC MEASUREMENT DEVICE BY ATOMIC INTERFEROMETRY FOR GEOPHYSICAL APPLICATIONS PARTICULARLY FOR MONITORING HYDROCARBON RESERVOIRS

 (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 	:G01V7/00 :MI2010A002455 :29/12/2010 :Italy :PCT/IB2011/055895 :22/12/2011 :WO 2012/090134 :NA :NA :NA	 (71)Name of Applicant : 1)ENI S.P.A. Address of Applicant :Piazzale E. Mattei 1 I 00144 Roma Italy (72)Name of Inventor : 1)ITALIANO Francesco 2)ANTONELLI Massimo 3)TINO Guglielmo Maria Lucio 4)SORRENTINO Fiodor 5)DE ANGELIS Marella
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(57) Abstract :

A device comprising a laser system (13) for generating a plurality of laser bands such laser bands being each conformant at a frequency equal to an energetic transition between a hyperfine level (F1 F2) of a fundamental state (52Si/2) and a hyperfine level (F 2 F 3) of an excited state (52P3/2) of said plurality of atoms wherein the laser system (13) comprises a first laser source (23) stabilized in frequency which emits a first band (30) a second laser source (24) connected in phase with the first laser source (23) which emits a repumping band (37) said first (23) and second (24) laser source being coupled with means for generating secondary bands (29) capable of generating a detection band (31) a band for producing the three dimensional magneto optical trap (32) a thrust band (33) and a reference band (36) said laser system also comprising means for generating Raman bands (39) capable of producing two exiting superimposed Raman interferometric bands (41) starting from the reference band (36) the means for generating Raman bands (39) being associated with means for generating cooling bands (40) additionally coupled with the repumping band (37) and capable of generating three bands (53) for obtaining a magneto optical trap.

No. of Pages : 62 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LINEARLY SCALABLE SINGLE USE BIOREACTOR SYSTEM

		(71)Name of Applicant :
(51) International classification	:C12M1/00	1)XCELLEREX INC.
(31) Priority Document No	:61/431798	Address of Applicant :170 Locke Drive Marlborough MA
(32) Priority Date	:11/01/2011	01752 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/020963	1)TUOHEY Colin
Filing Date	:11/01/2012	2)DELOGGIO Ted
(87) International Publication No	:WO 2012/097079	3)ERDENBERGER Thomas
(61) Patent of Addition to Application	·NA	4)CLAPP Kenneth P.
Number	·NA	5)DAMREN Richard
Filing Date	.117	6)GALLIHER Parrish M.
(62) Divisional to Application Number	:NA	7)GUERTIN Patrick
Filing Date	:NA	8)LEE Jiyoung
		9)FISHER Michael

(57) Abstract :

Disclosed is a single use bioreactor bag design providing substantially equivalent maximum shear rate at the impeller tip and average or bulk shear rate over a range of power per unit working volume and rpm needed for bioculture processing. The uniformity in shear profile of the bag design providing a unique advantage when used as a scale down or scale up platform. Also disclosed is a linearly scalable single use bioreactor system for use in carrying out a scalable biomanufacturing process the system comprising two single use bioreactor bags of different volumes wherein the ratio H/D of the height of the working volume H to the diameter D of the tank or of the bag is equal to about 1.5 and the bulk shear in each of the bags is substantially constant.

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

(21) Application No.5927/DELNP/2013 A

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IRON COORDINATION POLYMERS FOR ADSORPTION OF ARSENATE AND PHOSPHATE

(51) International classification	1:B01J20/22,C07C51/41,B01J20/30	(71)Name of Applicant :
(31) Priority Document No	:61/429341	1)THE BOARD OF REGENTS FOR OKLAHOMA STATE
(32) Priority Date	:03/01/2011	UNIVERSITY
(33) Name of priority country	:U.S.A.	Address of Applicant :203 Whitehurst Oklahoma State
(86) International Application No Filing Date	:PCT/US2012/020086 :03/01/2012	University Stillwater OK 74078 U.S.A. (72)Name of Inventor : 1)APBLETT Allen Wallace
(87) International Publication No	:WO 2012/094323	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method includes combining an aqueous solution of sodium fumarate with an aqueous solution of iron chloride to form a mixture and obtaining an iron coordination polymer as an amorphous compound formed as a precipitate from the mixture. The iron coordination polymer may be used to bind contaminants such as arsenate and phosphate from water.

No. of Pages : 19 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VERTICAL FORCE STABILIZER			
 (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 	:E01B27/12 :12/986286 :07/01/2011 :U.S.A. :PCT/US2011/065176 :15/12/2011 :WO 2012/094125	 (71)Name of Applicant : 1)HARSCO CORPORATION Address of Applicant :350 Poplar Church Road Camp Hill Pennsylvania 17011 U.S.A. (72)Name of Inventor : 1)MILLER Robert S. 2)DELUCIA Anthony P. 	
Number Filing Date (62) Divisional to Application Number	:NA :NA ·NA		
Filing Date	:NA		

(57) Abstract :

An exemplary apparatus and method for applying a force to rails of a track is disclosed. The apparatus has a device with at least one first weight and at least one second weight rotatably mounted about a horizontal shaft which has an axis which is essentially perpendicular to the longitudinal axis of the rails. A power source is provided to drive the rotation of the at least one first weight and the at least one second weight at different revolutions per second. The rotation of the at least one first weight and the at least one second weight creates a vertical force which has a larger downward component as compared to an upward component of the vertical force.

No. of Pages : 25 No. of Claims : 24

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD OF OPERATING A WIND TURBINE AS WELL AS A SYSTEM SUITABLE THEREFORE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1:F03D1/00,H02M5/458,H02M7/06 :PA 2010 70581 :23/12/2010 :Denmark	 (71)Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200rhus N Denmark
(86) International Application No Filing Date	:PCT/DK2011/050502 :20/12/2011	(72)Name of Inventor :1)GUPTA Amit Kumar2)TRIPATHI Anshuman
(87) International Publication No	:WO 2012/083963	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to a method of the present invention a method of operating a wind turbine comprising a power generator a generator side converter connected to the power generator a line side converter connected to a power grid through power components and a DC link connected between the generator side converter and the line side converter is provided the method comprising: monitoring the grid voltages on the power grid for overvoltage events; if an overvoltage event is detected operating the line side converter in an overmodulation range for at least a part of the duration of the overvoltage event.

No. of Pages : 47 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING WIPER BLADES AND WIPER BLADE FOR WIPING PANES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) 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 	B60S1/38 102011004628.3 24/02/2011 Germany PCT/EP2012/052708 16/02/2012 WO 2012/113712 NA NA NA NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)ENDRES Wolfgang 2)CRABBE Ruddy
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(57) Abstract :

The invention relates to a method for producing a wiper blades and to a wiper blade for wiping panes in particular motor vehicle panes comprising a support element (12) for receiving a wiper strip (14) to which a connecting device (20) is attached which has a wiper blade side part (15) having claw like shoulders (50) surrounding the support element (12) at least in some regions. According to the invention the wiper blade side part (15) is pushed onto the support element with an only slightly larger inner width (44) than the thickness of the support element (12) and positioned and is heat treated after positioning.

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

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : APPARATUS FOR METERING PULVERULENT FILLING MATERIAL

 (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 	:G01F11/12,G01F1/24 :10 2011 004 456.6 :21/02/2011 :Germany :PCT/EP2012/051586 :31/01/2012 :WO 2012/113615 :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : 1)SCHLIPF Jens 2)RUNFT Werner 3)BOEHRINGER Walter
(62) Divisional to Application Number Filing Date	:NA :NA	

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(57) Abstract :

The invention provides an apparatus for metering pulverulent filling material comprising at least one metering wheel with a plurality of metering chambers for accommodating filling material wherein a plurality of metering chambers are formed by means of a common component and the common component can be displaced in the radial direction of the metering wheel using an adjusting means in order to change the volume of the metering chambers.

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

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONTROL VALVE FOR A FUEL INJECTOR AND FUEL INJECTOR

 (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 	:F02M47/02,F02M63/00 :10 2011 004 640.2 :24/02/2011 :Germany :PCT/EP2012/050235 :09/01/2012 :WO 2012/113587 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SAMERSKI Ingo 2)ELLENSCHLAEGER Andreas 3)STOECKLEIN Wolfgang 4)METZGER Martin 5)HAISER Heinz Bernd 6)RABANSER Guenther
(62) Divisional to Application Number Filing Date	:NA :NA	6)RABANSER Guenther

(57) Abstract :

The invention relates to a control valve for a fuel injector in particular a common rail fuel injector comprising a valve body (1) and a valve member (2) which is guided such that it can perform a stroke movement in a guide (3) of the valve body (1) and has a sealing surface (5) which interacts with a valve seat (4) wherein lifting of the sealing surface (5) from the valve seat (4) results in a release of pressure from a high pressure chamber (6) formed between the guide (3) and the valve seat (4). According to the invention in the region of the guide (3) at least one annular edge (7) which serves as a scraper is formed on the valve body (1) and/or on the valve member (2) wherein the annular edge (7) runs along the line of intersection of two delimiting surfaces (8 9) which enclose an angle (a) = 90°. The invention also relates to a fuel injector having a control valve of said type.

No. of Pages : 17 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUNGICIDAL COMPOSITIONS		
(51) International classification	:A01N 43/56	(71)Name of Applicant :
(31) Priority Document No	:0418047.7	1)SYNGENTA PARTICIPATIONS AG
(32) Priority Date	:12/08/2004	Address of Applicant :SCHWARZWALDALLEE 215, CH-
(33) Name of priority country	:U.K.	4058, BASEL SWITZERLAND. Switzerland
(86) International Application No	:PCT/EP2005/008748	(72)Name of Inventor :
Filing Date	:11/08/2005	1)WALTER HARALD
(87) International Publication No	:WO 2006/015865	2)NEUENSCHWANDER URS
(61) Patent of Addition to Application	٠NIA	3)ZEUN RONALD
Number	·NA	4)EHRENFREUND JOSEF
Filing Date	.1174	5)TOBLER HANS
(62) Divisional to Application Number	:317/DELNP/2007	6)CORSI CAMILLA
Filed on	:11/08/2005	7)LAMBERTH CLEMENS

(57) Abstract :

The invention relates to fungicidal compositions comprising as active ingredient a combination of components A) and B) as defined in the patent claims, to a method of controlling phytopathogenic diseases on crop plants using such a compositions and to a method of protecting natural substances of vegetable and/or animal origin and/or their processed forms using such a composition.

No. of Pages : 84 No. of Claims : 6

(21) Application No.5868/DELNP/2013 A

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR IMMOBILISING NUCLEIC LIGANDS

(86) International Application No Filing Date:PCT/IB2011/056028 :30/12/2011:I)BOSCHETTI Egisto 2)PERRET Grald(87) International Publication No (61) Patent of Addition to Application Number Eiling Data:WO 2012/090183:WO :NA	 31) Priority Document No 32) Priority Date 33) Name of priority 33) Name of priority 34) International 35) Application No 36) Filing Date 37) International 37) International 38) Publication No 39) Patent of Addition to 31) Patent of Addition to 31) Patent of Number 31) Patent of Patent 	:1061366 :30/12/2010 :France :PCT/IB2011/056028 :30/12/2011 :WO 2012/090183 :NA :NA	ET DES BIOTECHNOLOGIES Address of Applicant :ZA de Courtaboeuf 3 avenue des Tropiques F 91940 Les Ulis France (72)Name of Inventor : 1)BOSCHETTI Egisto 2)PERRET Grald	L
Application Number :NA Filing Date :NA (62) Divisional to :NA Application Number :NA Filing Date :NA	Filing Date 62) Divisional to Application Number Filing Date	:NA :NA :NA		

(57) Abstract :

The invention relates to a method for immobilising nucleic ligands including at least one reactive amine function by grafting on an activated solid substrate including a step of coupling said nucleic acids on said activated solid substrate having a pH of less than 6.

No. of Pages : 67 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LOW TEMPERATURE SYNTHESIS OF METHYLPHENIDATE HYDROCHLORIDE (51) International classification :C07D211/34 (71)Name of Applicant : (31) Priority Document No :61/424424 **1)RHODES TECHNOLOGIES** (32) Priority Date Address of Applicant :498 Washington Street Coventry Rhode :17/12/2010 (33) Name of priority country :U.S.A. Island 02816 U.S.A. (86) International Application No :PCT/IB2011/003140 (72)Name of Inventor : Filing Date 1)HUNTLEY C. Frederick M. :16/12/2011 (87) International Publication No :WO 2012/080834 2)KATAISTO Erik Wayne (61) Patent of Addition to Application 3)LA LUMIERE Knicholaus Dudley :NA Number 4)REISCH Helge Alfred :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention describes a process for the preparation of methylphenidate hydrochloride. The process involves the esterification of ritalinic acid and methanol in the presence of an acid catalyst at a low temperature. The process may optionally involve the addition of an orthoester.

No. of Pages : 43 No. of Claims : 39

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ORAL CARE COMPOSITIONS (51) International classification :A61K8/19,A61K8/34,A61K8/97 (71)Name of Applicant : (31) Priority Document No 1)COLGATE PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue New York New York :NA (33) Name of priority country 10022 U.S.A. :NA (72)Name of Inventor : (86) International Application :PCT/US2011/023099 1)PILLAI Shyamala No :31/01/2011 Filing Date 2)FEI Lin (87) International Publication No:WO 2012/105932 3)XU Guofeng (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Described herein are compositions comprising an active compound from an extract of magnolia or a derivative thereof; and a non surfactant electrolyte in an amount effective to stabilize the composition and methods of making and using the same.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/07/2013

(54) Title of the invention : MOBILE APPLICATOR LID WITH SEAL ARRANGEMENT

(43) Publication Date : 05/12/2014

(51) International classification :E01C23/09,E01C23/16 (71)Name of Applicant : (31) Priority Document No 1)GRACO MINNESOTA INC. :61/434055 (32) Priority Date Address of Applicant :88 11th Avenue NE Minneapolis :19/01/2011 (33) Name of priority country Minnesota 55413 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/021840 (72)Name of Inventor : 1)FREDRICKSON Steven H. Filing Date :19/01/2012 (87) International Publication No :WO 2012/100031 2)MATTSON Barry W. (61) Patent of Addition to Application 3)LINS Christopher A. :NA Number 4)TRIPLETT Thomas L. :NA Filing Date 5)VOIGT Bradley K. (62) Divisional to Application Number :NA 6)DAWSON Charles W. Filing Date :NA

(57) Abstract :

A screed die box includes a screed die bucket a screed die box gate a screed die box lever a screed plate and a positioning member. The screed die box gas is slidably connected at the bottom of the screed die bucket. The screed die box lever is rotatably connected to the screed die bucket and the screed die box gate for sliding the screed die box gate between an open position and a closed position. The screed plate is slidably connected along an aft side of the screed die bucket and includes a positioning aperture. The positioning member is located in the screed die bucket and engages the screed plate the positioning member sliding the screed plate as the positioning member is rotated.

No. of Pages : 22 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H01M8/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EMEFCY LTD.
(32) Priority Date	:NA	Address of Applicant :7 Ha Eshel Street P.O. Box 3171 30889
(33) Name of priority country	:NA	Caesarea Israel
(86) International Application No	:PCT/IL2010/001051	(72)Name of Inventor :
Filing Date	:14/12/2010	1)SHECHTER Ronen Itzhak
(87) International Publication No	:WO 2012/081001	2)LEVY Eytan Baruch
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.1\/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SPIRALLY WOUND MICROBIAL FUEL CELL

(57) Abstract :

A bacterial fuel cell including at least one anode and at least two cathodes in liquid communication with a liquid to be treated the at least one anode being separated from the at least two cathodes by at least first and second electrically insulating spacers and the at least one anode and the at least two cathodes being electrically connected across an external load and the at least one anode and the at least two cathodes being separately in a spiral configuration together with at least a third electrically insulating spacer.

No. of Pages : 23 No. of Claims : 27

(21) Application No.5955/DELNP/2013 A

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MICROBIOCIDAL PYRAZOLE DERIVATIVES

 (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 	:C07D231/12,C07D401/06,C07D401/12 :11153988.8 :10/02/2011 :EPO :PCT/EP2012/052107 :08/02/2012 :WO 2012/107475 :NA :NA	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)SULZER MOSSE Sarah 2)LAMBERTH Clemens 3)CEDERBAUM Fredrik 4)BERTHON Guillaume
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides compounds of formula (I): wherein the substituents are as defined in claim 1 are useful as active ingredients which have microbiocidal activity in particular fungicidal activity.

No. of Pages : 106 No. of Claims : 16

(21) Application No.5920/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G01H1/00,G01P3/00	(71)Name of Applicant :
(31) Priority Document No	:1150117	1)TURBOMECA
(32) Priority Date	:07/01/2011	Address of Applicant : F 64510 Bordes France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/FR2012/050004	1)ROYER Eric
Filing Date	:03/01/2012	2)VALLON Antoine Yvan Alexandre
(87) International Publication No	:WO 2012/093231	
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DEVICE AND METHOD FOR MONITORING A ROTOR

(57) Abstract :

The invention relates to the field of monitoring devices (19) for turbine (13) rotors (31). A monitoring device (19) according to the invention comprises an acoustic sensor (25) and an acoustic waveguide (24) for connecting said acoustic sensor (25) to a sampling point close to said turbine (13b) rotor (31). The acoustic sensor (25) is capable of detecting as sound waves pressure fluctuations caused by pressure differences between the suction (20b) and pressure (20a) sides of the blades (20) of the rotor (31) when passing close to said sampling point. The present invention also relates to a method for monitoring a turbine (13b) rotor (31) in which pressure fluctuations caused by pressure differences between the suction (20b) and pressure (20a) sides of blades (20) of the rotor (31) in which pressure fluctuations caused by pressure differences between the suction (20b) and pressure (20a) sides of blades (20) of the rotor travelling close to a sampling point are transmitted by an acoustic waveguide (24) to an acoustic sensor (25) to be picked up as sound waves.

No. of Pages : 19 No. of Claims : 10

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POLYPROPYLENE RESIN COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C08L53/00,C08K3/00,C08L23/08 :2011015293 :27/01/2011 :Japan :PCT/JP2012/000512 :27/01/2012 :WO 2012/102050	 (71)Name of Applicant : 1)PRIME POLYMER CO.LTD. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor : 1)KUSUMOTO Tatsuya 2)SUGIMOTO Yoshio 3)FUJISAWA Mitsuru
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

A polypropylene resin composition which comprises: 100 parts by weight of a prescribed propylene/ethylene block copolymer (A); 18 to 65 parts by weight of a prescribed propylene/ethylene block copolymer (B); 6 to 45 parts by weight of an ethylene /a olefin copolymer (C) having an MFR (230°C 2.16 kg load) of 0.5 to 20g/10min; 25 to 60 parts by weight of an inorganic filler (D) having a mean particle diameter of 1 to 14μ m; 0.1 to 6.5 parts by weight of an acid modified polypropylene (E); and 0.15 to 5.0 parts by weight of a lubricant (F).

No. of Pages : 33 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SCRATCH	RESISTANT GELCOAT	
 (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 	:C08L67/06,C09D167/06 :11000808.3 :02/02/2011 :EPO :PCT/EP2012/000177 :17/01/2012 :WO 2012/104020 :NA :NA :NA :NA	 (71)Name of Applicant : ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC. Address of Applicant :5200 Blazer Parkway Dublin OH 43017 U.S.A. (72)Name of Inventor : J,RVENTAUSTA Aki Ilmari NISSIL,, Pirjo

(57) Abstract :

The invention relates to a gelcoat composition comprising a reactive polyester resin and a particulate inorganic filler and to a method of applying the gelcoat composition to suitable substrates such as sanitary basins e.g. sinks washbasins spas shower basins lavatories and the like. The solidified gelcoat provides excellent scratch resistance to the surface of the substrate.

No. of Pages : 38 No. of Claims : 15

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND APPARATUS FOR ENHANCED RECOVERY OF CELLS AND OF CELL ENRICHED MATRIX FROM TISSUE SAMPLES

 (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 	:B04B5/02,B04B7/08,G01N33/53 :61/424012 :16/12/2010 :U.S.A. :PCT/US2011/065654 :16/12/2011 :WO 2012/083260 :NA :NA	 (71)Name of Applicant : ALT Eckhard U. Address of Applicant :2210 Chilton Drive Houston Texas 77019 U.S.A. 2)COLEMAN Michael E. 3)STUBBERS Ron (72)Name of Inventor : ALT Eckhard U. COLEMAN Michael E. STUBBERS Ron
Number Filing Date	:NA	

(57) Abstract :

This document describes methods and an apparatus for recovery of a cell enriched matrix and cells (e.g. regenerative cells) from a tissue sample. In some embodiments at least two rounds of acceleration and deceleration are performed.

No. of Pages : 58 No. of Claims : 29

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AZOLE PHARMACEUTICAL FORMULATIONS FOR PARENTERAL ADMINISTRATION AND METHODS FOR PREPARING AND USING THE SAME AS TREATMENT OF DISEASES SENSITIVE TO AZOLE **COMPOUNDS**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K47/48,A61K9/10,A61K9/107 :61/423937 :16/12/2010 7 :U.S.A. PCT/US2011/065422 :16/12/2011 WO 2012/083138 :NA :NA 'NA	 (71)Name of Applicant : 1)BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant :201 West 7th St. Austin TX 78701 U.S.A. (72)Name of Inventor : 1)ANDERSSON Borje S. 2)TARRAND Jeffery 3)VALDEZ Benigno C.
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(57) Abstract :

A parenteral azole composition comprises a first solvent made of benzyl alcohol and/or an acidified alcohol such as ethanol and a lipophilic component such as PEG400 and the azole or triazole such as itraconazole or posaconazole dissolved in this first composite solvent vehicle that is essentially free of surfactants particularly non ionic surfactants and has low levels of water preferably less than 5% water. The composition may be further diluted with an infusion fluid such as normal saline or 5% or 10% dextrose in water before infusion into an immunocompromized mammal preferably a human. The composition is useful for the treatment and suppression of infections caused by microbes such as yeast and molds that are sensitive to azoles but it may be extended to dissolve other pharmaceutically active agents that can be used to treat other types of infectious diseases or other ailments such as malignant and autoimmune diseases.

No. of Pages : 76 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR CONTROLLLING THE TEMPERATURE OF VEHICLE BODIES (51) International classification :F26B15/14,F26B21/00 (71)Name of Applicant : (31) Priority Document No **1)EISENMANN AG** :10 2011 011 261.8 (32) Priority Date Address of Applicant : T¹/4binger Str. 81 71032 Bblingen :15/02/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/000032 (72)Name of Inventor : Filing Date :05/01/2012 1)HIHN Erwin (87) International Publication No :WO 2012/110172 (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 (1) for controlling the temperature of vehicle bodies (9) in particular for drying painted vehicle bodies (9) comprising in a known manner a housing (2) in which a temperature control tunnel (7) and at least one pressure chamber (5 6) separated therefrom by a wall (3 4) are provided. In said wall (3 4) there is a plurality of conventional nozzles (10 11) via which temperature controlled air which is introduced into the pressure chamber (5 6) is applied in particular in the upper region of the vehicle body (9). In addition at least one nozzle device (12 13) is provided said nozzle device having a plurality of nozzle openings (15) on the side thereof facing the vehicle body (9) and at least roughly following the geometry of the lower region (16) of the vehicle body (9) at a distance from the vehicle body (9) which is smaller than the distance of the other nozzles (10 11) arranged in the same wall (3 4).

No. of Pages : 22 No. of Claims : 7

(21) Application No.5822/DELNP/2013 A

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OFFSET VALVE BORE FOR A RECIPROCATING PUMP

 (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 	:F04B39/00,F04B53/00,F04B17/00 :61/421453 :09/12/2010 :U.S.A. :PCT/US2011/063968 :08/12/2011 :WO 2012/078888 :NA :NA	 (71)Name of Applicant : S.P.M. FLOW CONTROL INC. Address of Applicant :7601 Wyatt Drive Fort Worth Texas 76108 U.S.A. (72)Name of Inventor : BAYYOUK Jacob A. MANSON David M. MACKENZIE Donald DAVIES John Bruce Clayfield
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fluid end 15 for a multiple reciprocating pump assembly 12 comprises at least three plunger bores 61 or 91 each for receiving a reciprocating plunger 35. Each plunger bore has a plunger bore axis 65 or 95. The plunger bores are arranged across the fluid end to define a central plunger bore and lateral plunger bores located on either side of the central plunger bore. The fluid end 15 also comprises at least three respective suction valve bores 59 or 89 in fluid communication with the plunger bores. Each suction valve bore can receive a suction valve 41 and has a suction valve bore axis 63 or 93. The fluid end 15 also comprises at least three respective discharge valve bores 57 or 87 in fluid communication with the plunger bores. Each discharge valve bore can receive a discharge valve bore axis 63 or 93. At least one of the axes of at least one of the suction and discharge valve bores is offset in the fluid end from its respective plunger bore axis.

No. of Pages : 51 No. of Claims : 41

(21) Application No.5823/DELNP/2013 A

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH VISCOSITY SPRAY EMULSION CONCRETE RELEASE AGENT

(51) International classification	n:B28B7/38,C04B24/08,C04B24/26	(71)Name of Applicant :
(31) Priority Document No	:61/432943	1)ASHLAND LICENSING AND INTELLECTUAL
(32) Priority Date	:14/01/2011	PROPERTY LLC
(33) Name of priority country	:U.S.A.	Address of Applicant :5200 Blazer Parkway Dublin OH 43017
(86) International Application No Filing Date	:PCT/US2011/066044 :20/12/2011	U.S.A. (72)Name of Inventor : 1)HASINOVIC Hida
(87) International Publication No	:WO 2012/096762	2)SELS Rob 3)BUYSMAN Edwin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A release agent for concrete includes water a vegetable oil or animal derived oil ester and a polymeric thickener. The composition can either be a direct release agent wherein the composition is a water in oil emulsion or an indirect release agent which is an oil in water emulsion. The indirect agent may further include vegetable oil wetting agents and biocides. The release agent does not include typical surfactants such as anionic surfactants cationic surfactants zwitterionic surfactants nonionic surfactants or amphoteric surfactants.

No. of Pages : 12 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

((54)	Title	of the	invention	•	HAIR	COSMETIC
١	57)	1 mic	or the	mvention	٠	man	COBINILITIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K8/73,A61K8/33,A61K8/39 :2010294131 :28/12/2010 :Japan :PCT/JP2011/080346 :27/12/2011	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)YAMAZAKI Naoyuki
(87) International Publication No	p:WO 2012/091073	2)DOI Yasuhiro 3)TERAZAKI Hiroyuki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hair cosmetic capable of imparting slip and manageability to hair treated therewith and then dried without imparting an oily sensation thereto and a method for the preparation thereof. Specifically a hair cosmetic that includes a cationized hydroxypropyl cellulose (A) an oil solution (B) that has a dissolution rate of 0 1 g per 100 g of water at 20°C and a surfactant (C) wherein the cationized hydroxypropyl cellulose (A) has a main chain derived from an anhydroglucose the degree of substitution of cationized ethyleneoxy groups is 0.01 2.9 and the degree of substitution of propyleneoxy groups is 0.1 4.0 and a method for the preparation thereof.

No. of Pages : 203 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GATEWAY RELOCATION CONTROL METHOD IN MOBILE COMMUNICATION SYSTEM AND CONTROL 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 	:H04W36/22,H04W36/12 :2010276699 :13/12/2010 :Japan :PCT/JP2011/006911 :12/12/2011 :WO 2012/081215 :NA :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)AWANO Jun 2)TAMURA Toshiyuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a control method and device that enable relocation to be executed at an appropriate time without impairing a user s service use experience and a system therefor. [Solution] A relocation control device (301) controls the relocation of a packet network gateway (100a) that provides an anchor function for maintaining the mobility of a mobile terminal in a mobile communication system. The relocation control device comprises: a bearer information acquisition unit (311) that when a relocation opportunity has occurred obtains information used for obtaining the degree of importance of communication between a mobile terminal (50) and the packet network gateway (100a) and the use state thereof; and a relocation determination unit (312) for determining whether or not to execute relocation on the basis of the degree of importance of communication and the use state thereof.

No. of Pages : 44 No. of Claims : 10

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CATALYTIC DECHLORINATION PROCESSES TO UPGRADE FEEDSTOCK CONTAINING CHLORIDE AS FUELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C2/56,C07C2/08,C10L1/04 :13/170948 :28/06/2011 :U.S.A. :PCT/US2012/036465 :04/05/2012	 (71)Name of Applicant : 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)ZHAN Bi Zeng
(87) International Publication No	:WO 2013/002887	2)DRIVER Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TIMKEN Hye Kyung
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Processes for the catalytic dechlorination of one or more hydrocarbon products involve contacting a mixture comprising the hydrocarbon product(s) and a carrier gas with a dechlorination catalyst under catalytic dechlorination conditions to provide a dechlorinated hydrocarbon product HCl and the carrier gas. The dechlorinated hydrocarbon product may be separated from the HCl and the carrier gas to provide liquid fuel or lubricating base oil.

No. of Pages : 22 No. of Claims : 20

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEUTRAL HUMAN MILK OLIGOSACCHARIDES TO PROMOTE GROWTH OF BENEFICIAL BACTERIA

 (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 	a:A23L1/29,A61K31/702,A61P1/00 :61/428867 :31/12/2010 :U.S.A. :PCT/US2011/067031 :22/12/2011 :WO 2012/092160 :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)BUCK Rachael 2)CHOW JoMay 3)DAVIS Steven R. 4)Linke, Hawley K 5)Rangavajla, Nagendra 6)Baxter, Jeffrey H
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	6)Baxter, Jeffrey H

(57) Abstract :

Disclosed are nutritional compositions including human milk oligosaccharides that can be administered to individuals including preterm infants infants toddlers and children for improving gastrointestinal function and tolerance as well as the growth of beneficial bacteria. Additional suitable methods of using the nutritional compositions including the human milk oligosaccharides are also disclosed.

No. of Pages : 104 No. of Claims : 15

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS FOR DECREASING THE INCIDENCE OF NECROTIZING ENTEROCOLITIS IN INFANTS TODDLERS OR CHILDREN USING HUMAN MILK OLIGOSACCHARIDES

 (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 	:A61K31/7016,A61K31/702,A61P39/06 :61/428863 :31/12/2010 :U.S.A. :PCT/US2011/067018 :22/12/2011 :WO 2012/092156 :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : 1)CHOW JoMay 2)DAVIS Steven R. 3)BUCK Rachael 4)DUSKA MCEWEN Geralyn O. 5)LINKE Hawley K.

(57) Abstract :

Disclosed are methods of reducing the incidence of necrotizing enterocolitis in an infant toddler or child using nutritional compositions including human milk oligosaccharides. The nutritional compositions including the human milk oligosaccharides are effective in reducing inflammation and the incidence of inflammatory diseases.

No. of Pages : 86 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL OXIDE MATERIAL AND SYNTHESIS BY FLUORIDE/CHLORIDE ANION PROMOTED **EXFOLIATION**

 (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 	:B01J29/06 :61/421906 :10/12/2010 :U.S.A. :PCT/US2011/063990 :08/12/2011 :WO 2012/078900 :NA :NA	 (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant :1111 Franklin Street Oakland CA 94607 5200 U.S.A. 2)CHEVRON U.S.A. INC. (72)Name of Inventor : 1)KATZ Alexander 2)OGINO Isao 3)ZONES Stacey I.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is directed to the synthesis of novel delaminated layered zeolite precursor materials prepared by fluoride/chloride anion promoted exfoliation. The method comprises for example using a combination of fluoride and chloride anions at a mild pH in aqueous solution to affect delamination of a layered zeolite precursor. The method can also comprise using a combination of fluoride and chloride anions in a non aqueous solution comprising an organic solvent. The method may be used in conjunction with either acidification or sonication or both. The resulting delaminated zeolite precursors are then isolated. Precursors that are then isolated lack amorphous silica content. The UCB 1 product is an example of such a novel oxide material and is obtained in yields in excess of 90% without the need for sonication.

No. of Pages : 55 No. of Claims : 46

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : APPARATUS FOR RECEIVING HETEROGENEOUS MATERIALS

(51) Internationalclassification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B65D51/28,B65D81/32,B65D25/08 :1020100120102 :30/11/2010 :Republic of Korea	 (71)Name of Applicant : 1)LEE Su jae Address of Applicant :1119 56 Sanggye dong Nowongu Seoul 139 837 Republic of Korea 2)Lee, Seong-jae
 (86) International Application No Filing Date (87) International Publication 	:PCT/KR2011/009238 :30/11/2011	(72)Name of Inventor : 1)LEE Seong jae
No	:WO 2012/074301	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The prevent invention relates to an apparatus for receiving heterogeneous materials which is coupled to a bent part of a container in which a content such as liquid or the like is contained. The apparatus for receiving the heterogeneous materials includes a main body coupled and fixed to a bent part of a container and a receiving part having a storage space within the main body. In the inner storage space of the receiving part a foldable connection part is disposed in an upper portion of the storage space and an opening part formed below the foldable connection part breaks a receiving part sealing part sealing a lower end of the receiving part to allow a content within the storage space of the receiving part to drop down into the container thereby mixing the heterogeneous materials. Here a foldable soft resin may be added to the foldable connection part.

No. of Pages : 143 No. of Claims : 29

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 5- METHYL -1- (NAPHTHALEN- 2- YL) -1H PYRAZOLE DERIVATIVES AND THEIR USE IN POTENTIATING THE EFFECT OF OPIOID ANALGESICS

 (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 (62) Divisional to Application Number Filing Date 	:C07D413/12,A61K31/5377,A61P23/00 :10382326.6 :03/12/2010 :EPO :PCT/EP2011/071583 :02/12/2011 :WO 2012/072781 ?:NA :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS DEL DR. ESTEVE S.A. Address of Applicant :Avda. Mare de Du de Montserrat 221 E 08041 Barcelona Spain (72)Name of Inventor : 1)TORRENS JOVER Antoni 2)CUBERES ALTISENT Mara Rosa
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(57) Abstract :

The invention relates to pyrazole derivatives of formula (I) having pharmacological activity and to processes of preparation of such compounds to pharmaceutical compositions comprising them and to their use in therapy and/or prophylaxis of pain.

No. of Pages : 27 No. of Claims : 14

(21) Application No.5844/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:G01H1/00,F03D7/02 :PA 2010 70589 :29/12/2010 :Denmark :PCT/DK2011/050514 :22/12/2011 :WO 2012/089215 :NA :NA :NA	 (71)Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :Hedeager 44 DK 8200rhus N Denmark (72)Name of Inventor : 1)WONG Lip Pang 2)BRORSEN Hans
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(54) Title of the invention : SHOCK SENSOR FOR WIND TURBINE GENERATOR

(57) Abstract :

A vibration sensor (5) mountable to a wind turbine generator for detecting excessive vibration of the wind turbine generator the sensor comprising a pendulum having a pendulum bob (25) of pre determined mass coupled to a detection switch (10) the detection switch arranged to detect oscillation of the pendulum exceeding a predetermined oscillation threshold; said pendulum bob selectively adjustable along said pendulum so as to vary the oscillation threshold of said sensor; wherein the sensor is arranged to exceed the oscillation threshold on receiving a forced vibration corresponding to a vibration threshold of the wind turbine generator.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G06Q20/00	(71)Name of Applicant :
(31) Priority Document No	:61/421331	1)MAGES Kenneth G.
(32) Priority Date	:09/12/2010	Address of Applicant :730 South Clark Apt. #2709 Chicago IL
(33) Name of priority country	:U.S.A.	60605 U.S.A.
(86) International Application No	:PCT/US2011/064173	2)BENSON Keith
Filing Date	:09/12/2011	3)MORGAN Alan J.
(87) International Publication No	:WO 2012/078990	(72)Name of Inventor :
(61) Patent of Addition to Application	٠NA	1)MAGES Kenneth G.
Number	·NA	2)BENSON Keith
Filing Date	.1174	3)MORGAN Alan J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HAND HELD SELF PROVISIONED PIN RED COMMUNICATOR

(57) Abstract :

A device for storing and transmitting information stored data cards preferably includes a case a central processing unit (CPU) an operating system a keypad a screen display a secure memory device and a transmission element. A PIN must be entered through the keyboard to operate the electronic card device. The PIN is stored in the secure memory device. Data cards may be entered through a card swipe a global platform smart card device a NUMI Key system and manual entry. The transmission element includes a programmable magnetic stripe. The programmable magnetic stripe is programmed to replicate the data on a magnetic stripe of a card. A programmable magnetic stripe is readable by a card transaction device. The operating system displays the cards retained in the memory device through the screen display. The electronic card device preferably includes a global platform smart card device for reading and writing NFC data.

No. of Pages : 31 No. of Claims : 34
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DIRECT PLUG CONNECTOR FOR MAKING DIRECT ELECTRICAL CONTACT WITH A PRINTED CIRCUIT BOARD

 (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 	:H01R12/72 :10 2011 003 809.4 :08/02/2011 :Germany :PCT/EP2012/051480 :31/01/2012 :WO 2012/107310 :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SELLMER Frank 2)SCHMATZ Ulrich 3)REHBEIN Peter 4)KROECKEL Markus
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(57) Abstract :

In a direct plug connector (1) for making direct electrical contact with contact areas (2) on a printed circuit board (3) which has a plug connector housing (4) with a row of chambers (5) which are arranged next to one another a plurality of contact elements (6) which are in each case arranged in the chambers (5) for making direct electrical contact with the contact areas (2) and a plurality of connection cables (7) which are in each case electrically conductively connected to the contact elements (6) by way of their stripped cable ends (8) provision is made according to the invention for the distance (A) between the chambers (5) in the row to be smaller than the cable diameter (B) of the insulated connection cables (7) and for the insulated cable ends (9a 9b) which adjoin the stripped cable ends (8) of the connection cables (7) of in each case adjacent contact elements (6) to be vertically offset in relation to one another in direction (10) at a right angle to the contact elements (6) and to overlap in this direction (10).

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS AND COMPOSITIONS OF PROTEIN ANTIGENS FOR THE DIAGNOSIS AND TREATMENT OF TOXOPLASMA GONDII INFECTIONS AND TOXOPLASMOSIS

(51) International classification	:A61K39/012,A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:61/426902	1)IMMPORT THERAPEUTICS INC.
(32) Priority Date	:23/12/2010	Address of Applicant : One Technology Drive Suite E309
(33) Name of priority country	:U.S.A.	Irvine CA 92618 U.S.A.
(86) International Application No	:PCT/US2011/066178	(72)Name of Inventor :
Filing Date	:20/12/2011	1)DAVIES David Huw
(87) International Publication No	:WO 2012/088125	2)LIANG Xiaowu
(61) Patent of Addition to Application	·NA	3)FELGNER Philip
Number	•NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Contemplated compositions devices and methods are drawn to various antigens from the pathogen and their use in various diagnostic tests vaccines and therapeutic agents. In particularly preferred aspects the antigens are immunodominant and have quantified and known relative reactivities with respect to sera of a population infected with the pathogen and/or have a known association with a disease parameter.

No. of Pages : 122 No. of Claims : 24

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR ENERGY SUPPLY FOR A THERMAL POWER STATION SYSTEM FOR A BUILDING OR A VESSEL

 (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 	:F03G7/06,F02G1/043 :20101725 :10/12/2010 :Norway :PCT/NO2011/000054 :16/02/2011 :WO 2012/078047 :NA :NA :NA	 (71)Name of Applicant : 1)VIKING HEAT ENGINES AS Address of Applicant :Postboks 22 N 4661 Kristiansand Norway (72)Name of Inventor : 1)NES RISL Harald
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(57) Abstract :

A thermal power station system (3) where at least one heat engine (32) is connected to at least one work receiver (34) and the heat engine (32) is arranged to be able to utilise a working fluid alternating between liquid and gas phase and there in the heat engine (32) is arranged at least one heat exchanger (321) in thermal contact with at least one expansion chamber (322). Also described is a method for energy supply to a building (1) or a vessel (2).

No. of Pages : 15 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

 (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 	:G06F3/048 :61/429642 :04/01/2011 :U.S.A. :PCT/US2012/020045 :03/01/2012 :WO 2012/094296 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor : 1)HENRY Michael J. 2)RAMSEY Beth C. 3)BERAN John E. 4)GROVES Francis J.
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(54) Title of the invention : WEB BASED COLOR SELECTION SYSTEM

(57) Abstract :

An apparatus includes a database having a plurality of digital color images and a neutral gray background value for each of the images; a processor configured to receive search criteria and to identify one or more of the digital color images meeting the search criteria; and a display configured to display at least one of the identified digital color images on a neutral gray background wherein the brightness of the neutral gray background is determined by the neutral gray background value for the image being displayed. A method performed by the apparatus is also provided.

No. of Pages : 30 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

:G06F3/048	(71)Name of Applicant :
:61/429642	1)PPG INDUSTRIES OHIO INC.
:04/01/2011	Address of Applicant :3800 West 143rd Street Cleveland Ohio
:U.S.A.	44111 U.S.A.
:PCT/US2012/020068	(72)Name of Inventor :
:03/01/2012	1)CARUSO Christopher
:WO 2012/094309	2)LIPNISKIS Jeffrey
·NA	3)BERAN John E.
·NA	4)BEHRENS Phillip J.
.1171	
:NA	
:NA	
	:G06F3/048 :61/429642 :04/01/2011 :U.S.A. :PCT/US2012/020068 :03/01/2012 :WO 2012/094309 :NA :NA :NA :NA

(54) Title of the invention : WEB BASED ARCHITECTURAL COLOR SELECTION SYSTEM

(57) Abstract :

A computer implemented method includes: providing a database of digital images of colors and metadata related to the colors; using one or more search criteria to identify one or more of the digital image colors; displaying the digital images of the identified colors; selecting a color of interest from the displayed colors; using the metadata to identify additional information related to the color of interest; displaying the digital image of the selected color and the additional information; and using the displayed digital image of the selected color selection. An apparatus that can be used to implement the method is also provided.

No. of Pages : 24 No. of Claims : 22

(21) Application No.5970/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMBINATION ION GATE AND MODIFIER		
 (54) Title of the invention : COMBINAT (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 	ION ION GATE AND M :H01J49/06,G01N27/62 :1101132.7 :21/01/2011 :U.K. :PCT/GB2012/000057 :20/01/2012	(71)Name of Applicant : 1)SMITHS DETECTION WATFORD LIMITED Address of Applicant :64 Clarendon Road Watford Hertfordshire WD17 1DA U.K. (72)Name of Inventor : 1)ATKINSON Jonathan Richard
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/098364 :NA :NA :NA :NA	

(57) Abstract :

A detection device including an ionisation region an ion gate comprising two electrodes an ion modifier comprising two electrodes a drift chamber and a collector. The ion gate and ion modifier are combined so the ion gate is one of the ion modifier electrodes.

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

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CLAMP ASSEMBLY FOR PIPE LAYING VESSEL AND METHOD OF LAYING A PIPELINE (51) International classification :F16L1/20,F16L1/19 (71)Name of Applicant : (31) Priority Document No 1)SAIPEM S.P.A. :1101577.3 (32) Priority Date Address of Applicant : Via Martiri di Cefalonia 67 San Donato :28/01/2011 (33) Name of priority country Milanese I 20097 Milan Italy :U.K. (86) International Application No :PCT/EP2012/051270 (72)Name of Inventor : 1)BAYLOT Michel Pierre Armand Filing Date :26/01/2012 (87) International Publication No :WO 2012/101232 2)HAJERI Yann (61) Patent of Addition to Application **3)ARDAVANIS Kimon Tullio** :NA Number 4)BIANCHI Stefano :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A pipe laying vessel 100 including a pipe laying tower 300 extending upwardly from the vessel the vessel comprising a welding station 500 for joining a new pipestring to an end of the pipeline held by the tower a clamp assembly 800 on the tower for engaging a pipestring with a lower end adjacent to the end of the pipeline held by the tower and with the pipestring extending upwardly from its lower end alongside the tower wherein the clamp assembly 800 comprises a pipestring clamp that serves both the function of a transfer clamp for transferring the pipestring from a position 408 alongside the tower but displaced from the pipe laying path to a position approximately aligned with the pipe laying path 303 and the function of a line up clamp for lining up the pipestring with the end of the pipeline.

No. of Pages : 46 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ON CHIP PACKET CUT THROUGH

(57) Abstract :

Embodiments of the invention include a method for avoiding memory bandwidth utilization during packet processing. The packet processing core receives a plurality of packets. The packet processing core identifies the packet s quality of service (QoS) descriptor. The packet processing core determines that at least one packet should be moved to an off chip packet stored prior to the packet being transmitted to the egress port. The packet processing core bases that determination at least in part on the packet s QoS descriptor. The packet processing core moves the determined packets to the off chip packet store. The packet processing core determines that at least one packet should not be moved to the off chip packet store prior to the packet being transmitted to the egress port. This determination is also made at least in part based on the packet s QoS descriptor.

No. of Pages : 38 No. of Claims : 20

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RECOMBINANT ANTIBODIES TO THE VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) WHICH ARE OBTAINED BY MEANS OF MUTAGENESIS OF VARIABLE REGIONS

 (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 	:C07K16/22 :20100264 :28/12/2010 :Cuba :PCT/CU2011/000009 :26/12/2011 :WO 2012/089176	 (71)Name of Applicant : 1)CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA Address of Applicant :Avenida 31 entre 158 y 190 Playa La Habana 11600 Cuba 2)BIOREC S.A. (72)Name of Inventor : 1)LAMDAN ORDAS Humberto 2)GAVILONDO COWLEY Jorge Vctor
Number Filing Date	INA INA	3)AYALA AVILA Marta 4)MU'OZ POZO Yasmiana 5)NUPO MUPIKO A
(62) Divisional to Application Number Filing Date	:NA :NA	6)ROJAS DORANTES Gertrudis 7)P%REZ S NCHEZ Lincidio

(57) Abstract :

The present invention discloses recombinant human antibodies that recognize the human vascular endothelial growth factor A(VEGF A) block the interaction thereof with the VEGFR2 receptor and interfere with the proliferative and pro angiogenic effects thereof. Said antibodies identify an epitope in the human VEGF A that is different from any other one previously reported and were obtained by combining a single immunoglobulin light chain variable region with three other heavy chain regions. The antibodies were obtained by means of mutagenesis of human immunoglobulin variable regions and can be used for immunotherapy for pathological entities associated with vascular growth such as age related macular degeneration cancer and others.

No. of Pages : 57 No. of Claims : 21

(22) Date of filing of Application :02/07/2013

(54) Title of the invention : METHOD FOR PREPARING A NEGATIVE ELECTRODE ACTIVE MATERIAL

 (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 	:H01M4/583,H01M4/1393,H01M10/052 :1020110002565 :11/01/2011 :Republic of Korea :PCT/KR2012/000101 :05/01/2012 :WO 2012/096472 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LG CHEM LTD. Address of Applicant :20 Yoido dong Youngdungpo gu Seoul 150 721 Republic of Korea (72)Name of Inventor : 1)CHANG Sung Kyun 2)CHANG WonSeok 3)HAN JungMin
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(57) Abstract :

The present invention relates to a method for preparing a negative electrode active material the method being characterized by comprising the steps of: (a) preparing a coating mixture by mixing a hydrophilic substance with a precursor for a raw material of at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon and then by purifying the resultant mixture; (b) mixing the coating mixture with a crystalline carbonaceous substance to prepare a core shell precursor in which a core including the crystalline carbonaceous substance is coated with the coating mixture; (c) carbonizing a raw material of at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon into at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon into at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon into at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon into at least one substance selected from the group consisting of low crystalline carbon and amorphous carbon into at least one substance selected from the group consisting of low crystalline carbon by calcination of the core shell precursor.

No. of Pages : 35 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : JEWELLERY ITEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A44C13/00,A44C5/04,A44C5/06 :NA :NA :NA :PCT/IT2011/000085 :22/03/2011	 (71)Name of Applicant : 1)BARBAZZA FRATELLI SAS di Barbazza Roberto e C. Address of Applicant :Via Bergamo 19 I 15048 Valenza Alessandria Italy (72)Name of Inventor : 1)BARBAZZA Piero
(87) International Publication No	:WO 2012/127511	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

It is illustrated a jewellery item (1) comprising a plurality of modular elements (2) wherein at least one of such modular elements (2) comprises: at least three connection points (3a 3b 3c) for connecting to three further modular elements (2a 2b 2c) each connection point (3a 3b 3c) being suitable for connecting said at least one modular element (2) to a further modular element (2a 2b 2c); and at least one intermediate portion (4) interposed between a first connection point (3a) for connection to a first further modular element (2a) and a second connection point (3b) for connection to a second further modular element (2b) of said three connection points (3a 3b 3c) said at least one intermediate portion (4) being configured so as to allow the interposition of a further fourth element (2d) between said further first modular element (2a) and said further second modular element (2b); wherein said at least one modular element (2) is connected to said three further modular elements (2a 2b 2c) and operatively associated with said further fourth modular element (2d) so as to allow the jewellery item (1) to pass from a contracted configuration to an extended configuration varying the dimensions thereof. Furthermore a method for connecting modular elements (2) for producing a jewellery item (1) of variable dimensions is illustrated.

No. of Pages : 37 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DETONATION OF EXPLOSIVES		
(51) International classification	:F42D1/05,F42B3/18,F42C19/12	(71)Name of Applicant :
(31) Priority Document No	:2010/08925	1)AEL MINING SERVICES LIMITED
(32) Priority Date	:10/12/2010	Address of Applicant : AECI Place 23/24 The Woodlands
(33) Name of priority country	:South Africa	Woodlands Drive Woodmead 2191 Sandton South Africa
(86) International Application	·DCT/IB2011/055573	(72)Name of Inventor :
No	.00/12/2011	1)MULLER Elmar
Filing Date	.09/12/2011	2)HALLIDAY Pieter Stephanus Jacobus
(87) International Publication No	:WO 2012/077082	3)MORGAN Clifford Gordon
(61) Patent of Addition to	·NA	4)DASTOOR Paul
Application Number	·NA	5)BELCHER Warwick
Filing Date	.INA	6)ZHOU Xiaojing
(62) Divisional to Application	٠NA	7)BRYANT Glenn
Number	· N A	
Filing Date	.11/1	

(57) Abstract :

An explosives detonator system for detonating an explosive charge with which it is in use arranged in a detonating relationship is provided. On acceptance of a detonation initiating signal having a detonation initiating property the system initiates and thus detonates the explosive charge. The system includes an initiating device which accepts the detonation initiating signal and initiates and thus detonates the explosive charge. The initiating device is initially in a non detonation initiating condition in which it is not capable of accepting the detonation initiating signal. The system also includes a radio frequency identification (RFID) based switching device that detects a switching property of a radio switching signal that is transmitted to the detonator system and switches the initiating device on detection of the detonation initiating property to a standby condition in which the initiating device is capable of operatively accepting the detonation initiating signal when it is transmitted thereto.

No. of Pages : 26 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SOLID MOLECULAR DISPERSION

 (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 	:A61K9/14,A61K31/22,A61K47/38 :61/433743 :18/01/2011 :U.S.A. :PCT/IB2012/050225 :17/01/2012 :WO 2012/098499	 (71)Name of Applicant : PFIZER LIMITED Address of Applicant :Ramsgate Road Sandwich Kent CT13 9NJ U.K. (72)Name of Inventor : BODMEIER Roland CARMODY Alan Francis CIPER Mesut DE PAEPE Anne Therese Gustaaf FEEDER Neil HEIMLICH John Mark
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)HEIMLICH John Mark 7)KORBER Martin 8)WALTHER Mathias
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to solid molecular dispersion of fesoterodine hydrogen fumarate and a polymeric binder. The invention also relates to an inert core bead or particle which is coated with said solid molecular dispersion and to pharmaceutical formulations comprising such coated beads or particles.

No. of Pages : 74 No. of Claims : 25

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PIPE JOINING METHOD FOR BUILDING HYDROCARBON PIPELINES IN PARTICULAR UNDERWATER PIPELINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date (51) Patent of Application NA (62) Divisional to Application NA NA 	 (71)Name of Applicant : 1)SAIPEM S.p.A. Address of Applicant :Via Martiri di Cefalonia 67 San Donato Milanese Italy (72)Name of Inventor : 1)CITTADINI BELLINI Serafino 2)BREGONZIO Valerio
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(57) Abstract :

A pipe joining method for building a hydrocarbon pipeline in particular an underwater pipeline whereby after welding two adjacent pipes (2) to form a cutback (10) a protective coating (20) is formed about the cutback (10) by : applying an LE (liquid epoxy) resin or a powdered FBE (fusion bonded epoxy) resin to the cutback (10) to form a first primer coat (11); applying a powdered polypropylene adhesive on top of the still wet first coat (11) to form an auxiliary adhesive coat (12); fitting a polypropylene heat shrink sleeve (13) around the auxiliary adhesive coat (12); and heating the sleeve (13) to shrink and bond it to the auxiliary adhesive coat (12).

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

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DELIVERY MEMBER FOR CONTAINER METHOD OF PRODUCING DELIVERY MEMBER FOR CONTAINER CONTAINER AND FOOD PRODUCT PACKAGED IN 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 	:B65D83/00,B65D1/00,B65D47/36 :2011033792 :18/02/2011 :Japan :PCT/JP2012/053536 :15/02/2012	 (71)Name of Applicant : 1)Kewpie Corporation Address of Applicant :4 13 Shibuya 1 chome Shibuya ku Tokyo 1500002 Japan 2)Bespack Corporation 3)Cargill Incorporated (72)Name of Inventor : 1)EDAMATSU Toshimitsu 2)YAMATO Suzuko
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	3)IMAO Kenta

(57) Abstract :

Provided is a pull top delivery member for a container mounted in a dispenser. The delivery member for a container comprises an outer frame (70) that has an opening at the center a lid (71) that seals the opening in the outer frame (7) and is capable of unsealing the opening when pulled and a sheet member (61) that is disposed on the reverse surface of the outer frame (70) and the lid (71) and has a delivery hole (61a) formed by slits through which the contents pass. The sheet member (61) and the outer frame (70) are fused together the outer frame (70) is formed from a metallocene polyethylene material and the sheet (61) is formed from a polypropylene material.

No. of Pages : 36 No. of Claims : 7

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GLASS COMPOSITION WITH LOW COEFFICIENT OF THERMAL EXPANSION AND GLASS FIBER PRODUCED FROM 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 	:C03C3/091,C03C13/00 :61/431712 :11/01/2011 :U.S.A. :PCT/US2012/020900 :11/01/2012 :WO 2012/097042 :NA :NA :NA :NA	 (71)Name of Applicant : AGY HOLDING CORPORATION Address of Applicant :2556 Wagener Road Aiken SC 29801 U.S.A. (72)Name of Inventor : 1)HUBLIKAR Sudhendra 2)HAUSRATH Robert L. 3)LONGOBARDO Anthony V.
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(57) Abstract :

The present disclosure relates to a glass composition having a low thermal expansion coefficient specifically a glass composition comprising about 55 to less than 64 weight percent of silicon oxide about 15 to about 30 weight percent of aluminum oxide about 5 to about 15 weight percent of magnesium oxide about 3 to about 10 weight percent boron oxide about 0 to about 11 weight percent calcium oxide and about 0 to about 2 weight percent of alkali oxide the remainder being trace compounds of less than about 1 weight percent is provided. Glass fibers and composite articles formed therefrom are also provided.

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

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : UP CONVERSION DEVICES WITH A BROAD BAND ABSORBER (51) International classification :H01L31/10,H01L33/02 (71)Name of Applicant : :61/447427 (31) Priority Document No 1)UNIVERSITY OF FLORIDA RESEARCH (32) Priority Date FOUNDATION INC. :28/02/2011 (33) Name of priority country Address of Applicant :223 Grinter Hall Gainesville FL 32611 :U.S.A. (86) International Application No :PCT/US2011/056178 U.S.A. Filing Date :13/10/2011 2)NANOHOLDINGS LLC (87) International Publication No :WO 2012/118529 (72)Name of Inventor : (61) Patent of Addition to Application 1)SO Franky :NA Number 2)KIM Do Young :NA Filing Date **3)PRADHAN Bhabendra** (62) Divisional to Application Number :NA 4)LEE Jae Woong Filing Date :NA

(57) Abstract :

Embodiments of the invention are directed to an IR photodetector that broadly absorbs electromagnetic radiation including at least a portion of the near infrared (MR) spectrum. The IR photodetector comprises polydispersed QDs of PbS and/or PbSe. The IR photodetector can be included as a layer in an up conversion device when coupled to a light emitting diode (LED) according to an embodiment of the invention.

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

(21) Application No.5938/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:E01B9/30 :1101720.9 :01/02/2011 :U.K. :PCT/GB2012/050138	 (71)Name of Applicant : 1)PANDROL LIMITED Address of Applicant :63 Station Road Addlestone Surrey KT15 2AR U.K. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/104600 :NA :NA :NA :NA	2)GARDNER Christopher 3)COATS Frank H. 4)NOTARIANNI Louis M.

(54) Title of the invention : RAILWAY RAIL FASTENING CLIP AND INSULATOR

(57) Abstract :

A railway rail fastening clip (1) for fastening a railway rail to an underlying rail foundation which clip (1) being formed of an elongate plate shaped such that a central region (11) of the plate has in profile the form of a letter C a first end region of the plate extends from one side of the central region (11) of the plate to form a substantially planar base portion (12) of the clip for engaging a rail fastening anchoring device secured to the rail foundation and a second end region of the plate extends from the opposite side of the central region (11) of the plate to form a toe portion (13) of the clip for bearing on a foot of the railway rail such that in profile the second end region extends further than the first end region wherein the toe portion of the clip is provided with a throughhole (14) which is arranged such that when the clip is installed part or all of the throughhole (14) lies above the foot of the rail the throughhole being configured to receive a corresponding spigot (25) of a toe insulator (2) for electrically insulating the clip from the rail whereby the insulator can be retained on the toe portion of the clip.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : [((1R 2S 5R) 2 ISOPROPYL 5 METHYL CYCLOHEXANECARBONYL) AMINO] ACETIC ACID ISOPROPYL ESTER AND RELATED COMPOUNDS AND THEIR USE IN THERAPY

(51) Internationalclassification(31) Priority Document No	:C07C233/63,A61K31/223,A61P11/00 :12/928184	 (71)Name of Applicant : 1)WEI Edward Tak Address of Applicant :480 Grizzly Peak Blvd. Berkeley CA
(32) Priority Date(33) Name of prioritycountry	:06/12/2010 :U.S.A.	94/08 U.S.A.(72)Name of Inventor :1)WEI Edward Tak
(86) International Application No Filing Date	:PCT/GB2011/000520 :04/04/2011	
(87) International Publication No	:WO 2012/076831	
(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 pertains generally to the field of coolants and medical therapy. More particularly the present invention relates to certain anti nociceptive agents such as [((1R 2S 5f) 2 isopropyl 5 methyl cyclohexanecarbonyl) amino] acetic acid isopropyl ester that are potent and long acting and selectively cooling for non keratinized epithelial tissues as compared to keratinized epithelial tissues and are useful for example for the treatment of (e.g. the alleviation of symptoms of; the amelioration of) sensory discomfort of non keratinized stratified epithelial (NKSE) tissue; and so for treatment of: sensory discomfort of an ocular surface an eyelid a margin of an eyelid an anterior part of an eyeball a conjunctiva a lachrymal system a pre corneal film or a cornea a lining of the oral cavity an internal portion of the lips a pharyngeal surface an esophageal surface or an anogenital surface; eye discomfort e.g. caused by extended wear of contact lenses by eye strain and/or fatigue by air pollutants by excessive exposure to the sun by conjunctivitis by dry eye syndrome; sensory discomfort associated with oral mucositis; airway (e.g. larynx trachea and/or bronchi) tightness discomfort in the airways (e.g. larynx trachea and/or bronchi) choking cough and/or dyspnea e.g. associated with asthma and/or chronic obstructive pulmonary diseases (COPD).

No. of Pages : 38 No. of Claims : 72

(19) INDIA

(22) Date of filing of Application :01/07/2013

(54) Title of the invention · PROJECTOR

(43) Publication Date : 05/12/2014

	-	
(51) International classification	:G03B21/16,H04N9/31	(71)Name of Applicant :
(31) Priority Document No	:2011003363	1)SEIKO EPSON CORPORATION
(32) Priority Date	:11/01/2011	Address of Applicant :4 1 Nishi Shinjuku 2 chome Shinjuku
(33) Name of priority country	:Japan	ku Tokyo 1630811 Japan
(86) International Application No	:PCT/JP2011/007076	(72)Name of Inventor :
Filing Date	:19/12/2011	1)TERASHIMA Tetsuo
(87) International Publication No	:WO 2012/095926	2)HINO Shunsuke
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A projector includes a light source lamp (41) a lighting control unit (74) adapted to supply a lamp electric power to turn on the light source lamp a cooling unit (6) adapted to send a cooling fluid to cool the light source lamp and a start control unit (763) adapted to from the start of turn on of the light source lamp until a predetermined period elapses adjust at least one of the length of the predetermined period and a limited flow rate which is the flow rate of the cooling fluid per unit time sent from the cooling unit within the predetermined period on the basis of an operation history of the light source lamp to control the operation of the cooling unit.

No. of Pages : 113 No. of Claims : 13

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PLUG CONNECTION FOR MAKING DIRECT ELECTRICAL CONTACT WITH A PRINTED CIRCUIT BOARD

 (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 	:H01R12/72,H01R12/87 :10 2011 003 873.6 :09/02/2011 :Germany :PCT/EP2012/051494 :31/01/2012 :WO 2012/107314 :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)STEIN Juergen 2)REHBEIN Peter 3)SCHMATZ Ulrich 4)KROECKEL Markus
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(57) Abstract :

In the case of a plug connection (1) for establishing direct electrical contact between contact areas (2) on a printed circuit board (3) and a plug receptacle (4) which is associated with the printed circuit board (3) and into which the printed circuit board (3) projects having a plug (5) which can be inserted into the plug receptacle (4) and has a contact support (6) with contact elements (7) for making direct electrical contact with the contact areas (2) of the printed circuit board (3) and having a contact pressure spring device (10) for pressing the contact elements (7) against the contact areas (2) of the printed circuit board (3) provision is made according to the invention for the contact pressure spring device (10) for each contact element (7) of the contact support (6) to have a separate contact pressure spring (11) in each case.

No. of Pages : 12 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEASURING APPLIANCE COMPRISING AN AUTOMATIC REPRESENTATION CHANGING FUNCTIONALITY

 (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 	:G01C15/00 :11150978.2 :14/01/2011 :EPO :PCT/EP2012/050301 :10/01/2012 :WO 2012/095416 :NA :NA :NA	 (71)Name of Applicant : 1)LEICA GEOSYSTEMS AG Address of Applicant :Heinrich Wild Strasse CH 9435 Heerbrugg Switzerland (72)Name of Inventor : 1)SCHORR Christian 2)SCHROEDER Frank 3)KOCH Romy 4)GIGER Kurt
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(57) Abstract :

The invention relates to a measuring appliance (10) in which inputted or measured spatial points (1 2 3 4 5 6) that form a quantity of spatial points can be stored and a horizontal projection representation or spatial representation of at least some spatial points (1 2 3 4) from the quantity of spatial points can be displayed said points being at least partially connected by lines. According to the invention the measuring appliance (10) has a representation changing functionality in the framework of which according to a line selected on the user side from the lines displayed in a horizontal projection representation (A) or a spatial representation in an automatically controlled manner by means of the evaluation and control unit: a virtual surface is defined by the selected line and a direction provided as the vertical; a subset of spatial points (1 2 5 6) is selected from the quantity of spatial points lying inside a buffer zone surrounding the virtual surface in a defined manner; and a vertical projection representation (B) of exclusively such spatial points (1 2 5 6) pertaining to the subset is displayed on the display.

No. of Pages : 46 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:B65D85/20	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70036	1)GLOBAL GRAVITY APS
(32) Priority Date	:24/01/2011	Address of Applicant :Lilleb¦ltsvej 42 DK 6715 Esbjerg N
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050028	(72)Name of Inventor :
Filing Date	:23/01/2012	1)HAGELSKJ†R Kenneth Sandal
(87) International Publication No	:WO 2012/100778	
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.1117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSPORT DEVICE

(57) Abstract :

The present invention concerns a transport device for securing elongated items during transport and storage where a transport device includes at least two sets of profiled beams a set of profiled beams at least including two or more profiled beams. The new feature of a transport device according to the invention is that a set of profiled beams include at least three profiled beams namely a first a second and a third profiled beam where the profiled beams are built upon each other layer by layer and are connected to each other in respective layers. It is thus that each layer of pipes or items are surrounded by two profiled beams which are fixed to each other by the jointing means. In this way each layer is individually fixed and therefore only the uppermost layer in a packet of longitudinal items is loose during packing and unpacking. By a solution according to the invention is achieved the advantage that the profiled beams are removed one by one from the top of a packet with longitudinal items and the weight of the single parts handled therefore never becomes greater than the weight of one profiled beam with jointing means.

No. of Pages : 35 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:A61F2/24	(71)Name of Applicant :
(31) Priority Document No	:61/460041	1)FOUNDRY NEWCO XII INC.
(32) Priority Date	:23/12/2010	Address of Applicant : 199 Jefferson Drive Menlo Park
(33) Name of priority country	:U.S.A.	California 94025 U.S.A.
(86) International Application No	:PCT/US2011/065627	(72)Name of Inventor :
Filing Date	:16/12/2011	1)GIFFORD III Hanson S.
(87) International Publication No	:WO 2012/087842	2)FANN James I.
(61) Patent of Addition to Application	٠NIA	3)MORRISS John
Number		4)DEEM Mark
Filing Date	:NA	5)GRAINGER Jeffry J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM FOR MITRAL VALVE REPAIR AND REPLACEMENT

(57) Abstract :

Systems for mitral valve repair are disclosed where one or more mitral valve interventional devices may be advanced intravascularly into the heart of a patient and deployed upon or along the mitral valve to stabilize the valve leaflets. The interventional device may also facilitate the placement or anchoring of a prosthetic mitral valve implant. The interventional device may generally comprise a distal set of arms pivotably and/or rotating coupled to a proximal set of arms which are also pivotably and/or rotating coupled. The distal set of arms may be advanced past the catheter opening to a subannular position (e.g. below the mitral valve) and reconfigured from a low profile delivery configuration to a deployed securement configuration. The proximal arm members may then be deployed such that the distal and proximal arm members may grip the leaflets between the two sets of arms to stabilize the leaflets.

No. of Pages : 103 No. of Claims : 54

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PHOTOVOLTAIC DEVICE AND METHOD FOR SCRIBING A PHOTOVOLTAIC DEVICE

(51) Internationalclassification(31) Priority Document No	:H01L31/042,H01L31/075,H01L31/18 :13/182267	 (71)Name of Applicant : 1)THINSILICON CORPORATION Address of Applicant :1400 N. Shoreline Blvd. #b 3 Mountain
(32) Priority Date(33) Name of prioritycountry	:13/07/2011 :U.S.A.	View CA 94043 U.S.A. (72)Name of Inventor : 1)STEPHENS Jason
(86) International Application No Filing Date	:PCT/US2012/027829 :06/03/2012	2)GIROTRA Kunal 3)HUSSEN Guleid
(87) International Publication No	:WO 2013/009367	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A photovoltaic device includes first and second photovoltaic cells with each of the first and second photovoltaic cells having a substrate a lower electrode disposed above the substrate along a deposition axis and that includes a conductive light transmissive layer one or more semiconductor layers disposed above the substrate along the deposition axis and an upper electrode disposed above the one or more semiconductor layers along the deposition axis. The semiconductor layers convert incident light into an electric current. The first and second photovoltaic cells are separated by first and second separation gaps. The first separation gap extend along the deposition axis through the lower electrode from the substrate and the second separation gap extends from a deposition surface of the light transmissive layer of the lower electrode and through a remainder of the lower electrode and the one or more semiconductor layers.

No. of Pages : 38 No. of Claims : 32

(21) Application No.5992/DELNP/2013 A

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTROLYTE SYNTHESIS FOR ULTRACAPACITORS

(51) International classification(31) Priority Document No(32) Priority Date	:H01M10/05,H01M10/056 :13/011066 :21/01/2011	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2012/020299	(72)Name of Inventor :
Filing Date	:05/01/2012	1)GADKAREE Kishor P
(87) International Publication No	:WO 2012/099720	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of forming an electrolyte solution involves combining ammonium tetrafluoroborate and a quaternary ammonium halide in a liquid solvent to form a quaternary ammonium tetrafluoroborate and an ammonium halide. The ammonium halide precipitate is removed from the solvent to form an electrolyte solution. The reactants can be added step wise to the solvent and the method can include using a stoichiometric excess of the ammonium tetrafluoroborate to form a substantially halide ion free electrolyte solution.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5994/DELNP/2013 A
(19) INDIA
(22) Date of filing of Application :04/07/2013
(43) Publication Date : 05/12/2014
(54) Title of the invention : A METHOD FOR THE MANUFACTURE OF A MOULD PART WITH CHANNEL FOR TEMPERATURE REGULATION AND A MOULD PART MADE BY THE METHOD
(51) International classification :B22F5/00,B22F3/105,B22F7/08
(71)Name of Applicant : DLEGO A/S

(31) Thomy Document No	.1 A 2011 /0040	I)LEGUA/S
(32) Priority Date	:25/01/2011	Address of Applicant : Aastvej 1 DK 7190 Billund Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application N	o:PCT/DK2012/050029	1)DALAGER S~RENSEN Sven
Filing Date	:24/01/2012	2)THERKELSEN Ole
(87) International Publication No.	o :WO 2012/100779	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A mould part for an injection moulding tool said mould part being configured from sintering metal in a sintering process comprising successive sintering of several layers of sintering metal whereby the cooling channel and the outer mould of the mould part are formed completely or partially and wherein the outer shape on the mould part comprises a mould surface configured such that it faces towards the mould cavity; and wherein the mould part further comprises a substantially rectilinear channel extending from the mould surface of the mould part until the cooling channel; and wherein there is configured in the substantially rectilinear channel a pin which is configured from a material having a coefficient of thermal conductivity which is higher than the coefficient of the sintering metal.

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

(21) Application No.5847/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR CAPTURING AT LEAST ONE PARAMETER OF A GAS

 (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 	:G01N27/406,F02D41/14 :10 2011 002 856.0 :19/01/2011 :Germany :PCT/EP2011/070329 :17/11/2011 :WO 2012/097897 :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SCHNEIDER Jens 2)SCHICHLEIN Helge
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Proposed is a method and a corresponding device for capturing at least one parameter of a gas in a flow pipe (112) in particular for detecting at least one gas component in an exhaust gas in an exhaust gas section. In the method at least two gas sensors (122 124 126) arranged at different locations in the flow pipe (112) are used. The gas sensors (122 124 126) have in each case at least one Nernst cell wherein in each case at least one Nernst voltage is captured across the Nernst cells. The gas sensors (122 124 126) are in each case regulated to at least one predetermined temperature. The method is carried out such that the at least one parameter is captured at at least two different predetermined temperatures.

No. of Pages : 27 No. of Claims : 11

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SURGICAL INSTRUMENT WITH HIGH CONTRAST MARKING AND METHOD OF MARKING A SURGICAL INSTRUMENT

 (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 	:A61B17/00,B44F1/10 :1100405.8 :11/01/2011 :U.K. :PCT/GB2012/050004 :04/01/2012 :WO 2012/095642 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEPUY (IRELAND) Address of Applicant :Loughbeg Ringaskiddy County Cork Ireland (72)Name of Inventor : 1)COULTRUP Oliver 2)YOUNG Duncan
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(57) Abstract :

A surgical instrument comprising a symbol formed in or on a smooth surface surrounding the symbol wherein the symbol comprises a plurality of angled surfaces over at least part of the area of the symbol wherein the angled surfaces define a plurality of parallel ridges and grooves in the symbol. These ridges and grooves create an improved contrast for the symbol relative to the surrounding surface by a combination of different specular reflection of incident light compared to the surrounding surface and shadows formed by the ridges and grooves. A method of marking a surgical instrument with a symbol formed in or on a smooth surface is also described. The method comprises forming a symbol in or on a smooth surface of the surgical instrument; and forming a plurality of angled surfaces over at least part of the area of the symbol wherein the angled surfaces define a plurality of parallel ridges and grooves in the symbol.

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

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

LAI RESSION OF TRANSOLIVES IN C		
(51) International classification	:C12N15/82,A01H5/00	(71)Name of Applicant :
(31) Priority Document No	:61/435495	1)BAYER CROPSCIENCE N.V.
(32) Priority Date	:24/01/2011	Address of Applicant : J.E. Mommaertslaan 14 B 1831 Diegem
(33) Name of priority country	:U.S.A.	Belgium
(86) International Application No	:PCT/EP2012/051036	(72)Name of Inventor :
Filing Date	:24/01/2012	1)PIEN Stphane
(87) International Publication No	:WO 2012/101118	2)DEN BOER Bart
(61) Patent of Addition to Application	·N A	
Number	.1N2A •NLA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : USE OF THE RD29 PROMOTER OR FRAGMENTS THEREOF FOR STRESS INDUCIBLE EXPRESSION OF TRANSGENES IN COTTON

(57) Abstract :

In one aspect the present application discloses a chimeric gene comprising (a) a first nucleic acid sequence comprising at least 400 consecutive nucleotides of SEQ ID NO: 1 or SEQ ID NO: 2 or a nucleic acid sequence having at least 80% sequence identity thereto any of which confers stress inducibility on said chimeric gene; (b) a second nucleic acid sequence encoding an expression product of interest which is involved in the response of a cotton plant to stress; and optionally (c) a transcription termination and polyadenylation sequence. In another aspect the application discloses a cotton plant cell comprising (a) a chimeric gene comprising a first nucleic acid sequence comprising at least 400 consecutive nucleotides of SEQ ID NO: 1 or SEQ ID NO: 2 or a nucleic acid sequence having at least 80 sequence identity thereto any of which confers stress inducibility on said chimeric gene; (b) a second nucleic acid sequence encoding an expression product of interest; and optionally (c) a transcription termination and polyadenylation sequence. In addition the present application discloses a cotton plant a method of expressing a transgene in cotton under stress conditions a method of producing a cotton plant a method of detecting the expression of a transgene under stress conditions and a method for modulating the resistance of a cotton plant to stress as characterized in the claims.

No. of Pages : 98 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(57) Abstract :

Embodiments of the invention include a method performed in a packet processor core for policing a packet through a hierarchical policer coupled to one or more policing requestors. The hierarchical policer has a plurality of meter levels including an initial level and one or more subsequent levels. The hierarchical policer creates a meter result at the meter of each meter level using packet characteristics and a meter state for that meter level. The hierarchical policer generates meter level outputs that classify the packet for each meter level and for at least one of the subsequent levels the meter level output is based on the meter level output from a previous meter level. The hierarchical policer returns that produces a final packet output attribute from the combination of the meter level outputs. The hierarchical policer returns the final packet output attribute to a policing requestor.

No. of Pages : 39 No. of Claims : 20

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HIGH PROTEIN NUTRITIONAL COMPOSITIONS AND METHODS OF 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 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L1/29,A23L1/30 :61/438804 :02/02/2011 :U.S.A. :PCT/US2012/022726 :26/01/2012 :WO 2012/106179 :NA :NA :NA	 (71)Name of Applicant : NESTEC S.A. Address of Applicant : Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : GREENBERG Norman Alan BOLSTER Doug ROUGHEAD Zamzam Kabiry (Fariba)
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(57) Abstract :

Nutritional compositions having high amounts of protein and low ratios of omega 6:omega 3 fatty acids and methods of making and using the nutritional compositions are provided. The nutritional compositions include an increased amount of protein and a low ratio of omega 6:omega 3 fatty acids to provide a patient with adequate amounts of protein for the preservation of lean body mass while reducing inflammation associated with administration of pro inflammatory drug formulations such as propofol. The nutritional compositions also help to avoid potential complications associated with overfeeding of an enterally fed patient being treated or having been treated with high fat medications such as propofol. Methods of making and using such nutritional compositions are also provided.

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

(21) Application No.5935/DELNP/2013 A

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING A REINFORCED ALLOY BY PLASMA NITRIDING

(51) International classification(31) Priority Document No(32) Priority Date	:C23C8/24,C23C8/26,C23C8/36 :1061243 :24/12/2010	(71)Name of Applicant : 1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(33) Name of priority country(86) International Application No	:France :PCT/FR2011/053175	Address of Applicant :25 rue Leblanc Btiment Le Ponant D F 75015 Paris France
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:22/12/2011 :WO 2012/085489 :NA :NA	(72)Name of Inventor :1)DE CARLAN Yann2)RATTI Mathieu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for manufacturing a reinforced alloy comprising a metallic matrix dispersed in the volume of which are nanoparticles at least 80% of which have a mean size from 1 nm to 50 nm the nanoparticles comprising at least one nitride chosen from the nitrides of at least one metallic element M belonging to the group consisting of Ti Zr Hf and Ta. The process comprises the following successive steps: a) plasma nitriding of a base alloy is carried out at a temperature from 200°C to 700°C in order to insert interstitial nitrogen therein the base alloy incorporating 0.1% to 1% by weight of the metallic element M and being chosen from an austenitic ferritic ferritic martensitic or nickel based alloy; b) the interstitial nitrogen is diffused within the base alloy at a temperature of 350°C to 650°C; and c) the nitride is precipitated at a temperature from 600°C to 900°C over a duration of 10 minutes to 10 hours in order to form the nanoparticles dispersed in the reinforced alloy.

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

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR NON ADJACENT CARRIER SIGNALLING IN A MULTICARRIER BROADBAND WIRELESS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W72/04,H04L5/00,H04W16/14 :NA :NA 7:NA :PCT/IB2011/050123 :11/01/2011	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FIN 02610 Espoo Finland (72)Name of Inventor : 1)SAYENKO Alexander 2)KUBOTA Keiichi
Filing Date (87) International Publication No	:WO 2012/095699	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In accordance with an example embodiment of the present invention an apparatus comprising: at least one processor and at least one memory including computer program code wherein the at least one memory and the computer program code are configured to with the at least one processor cause the apparatus to perform at least the following report a maximum supported radio frequency bandwidth report a number of supported carriers and receive data on non adjacent carriers.

No. of Pages : 18 No. of Claims : 30

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR MOUNTING OXYGEN CONSUMING ELECTRODES IN ELECTROCHEMICAL CELLS AND ELECTROCHEMICAL CELLS

 (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 	:C25B11/03,H01M8/02 :10 2010 054 159.1 :10/12/2010 :Germany :PCT/EP2011/071759 :05/12/2011 :WO 2012/076472 :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany 2)THYSSENKRUPP UHDE GMBH (72)Name of Inventor : 1)BULAN Andreas 2)GROSSHOLZ Michael 3)KIEFER Randolf
Number Filing Date	:NA	3)KIEFER Randolf 4)WOLTERING Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a mounting variant of an oxygen consuming-electrode in an electrolysis device, in particular for use in chloralkali electrolysis. According to the invention, the bend and/or edge and/or overlapping area is covered with a catalyst-containing film.

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

(21) Application No.5996/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACCELERATED MIXED GAS INTEGRITY TESTING OF POROUS MATERIALS

 (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 	:G01N15/08,G01N33/44 :61/435623 :24/01/2011 :U.S.A. :PCT/US2012/022409 :24/01/2012 :WO 2012/103124 :NA :NA :NA :NA	 (71)Name of Applicant : 1)EMD MILLIPORE CORPORATION Address of Applicant :290 Concord Road Billerica MA 01821 U.S.A. (72)Name of Inventor : 1)HOA Jibin 2)GIGLIA Salvatore 3)JOENS Michael 4)TUCELLI Ronald
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(57) Abstract :

The invention relates to accelerated mixed gas integrity testing methods devices and systems for integrity testing wetted single and multi layered porous materials. whereby the testing method is non destructive to the porous materials being tested. The accelerated mixed gas integrity test method includes one or more of the following components: i) a permeate side gas purge component: ii) a permeate side volume reduction component; and iii) a permeate side circulation component. The invention is directed towards reducing the length of time necessary to complete the integrity testing of single and multilayered porous materials elements and membranes.

No. of Pages : 44 No. of Claims : 21
(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication	 (71)Name of Applicant : 1)THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant :201 West 7th St. Austin TX 78701 U.S.A. (72)Name of Inventor : 1)SRIVASTAVA Satish K. 2)RAMANA Kota V. 3)YADAV Umesh

(57) Abstract :

Embodiments of the invention include methods and compositions involving aldose reductase inhibitors for treating COPD.

No. of Pages : 44 No. of Claims : 11

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR INSPECTING A BIOLOGICAL FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (%) International 	:G02B27/09,G01N15/12,G01N15/14 :11/00050 :07/01/2011 :France	 (71)Name of Applicant : 1)HORIBA ABX SAS Address of Applicant :Parc Euromdecine Rue du Caduce BP 7290 F 34184 MONTPELLIER cedex 4 France 2)UNIVERSITE DE LIMOGES 3)CENTRE NATIONALE DE LA RECHERCHE
Application No Filing Date (87) International Publication No	:PCT/FR2012/000001 :02/01/2012 ¹ :WO 2012/093223	(72)Name of Inventor : 1)RONGEAT Nelly 2)NERIN Philippe 3)BRUNEL Patrick
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a device for inspecting a biological fluid including a channel (2) through which the fluid flows a first inspection module (4) arranged in a first region (10) of said channel (2) and a second inspection module (8) arranged in a second region (12) of said channel (2) said device being arranged to provide a quantity that is representative of the output of the second inspection module (8). The first inspection module (4) is arranged so as to measure at least one electrical property of the fluid passing through the first region (10). The second inspection module (8) is arranged so as to measure at least one optical property of the fluid passing through the second region (12). The inspection device also includes a controller (6) connected to the first inspection module (4) and to the second inspection module (8) and arranged so as to control the second inspection module (8) according to the output of the first inspection module (4).

No. of Pages : 28 No. of Claims : 9

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AXIAL COMPRESSOR (51) International classification :F04D29/54,F01D5/14,F01D9/04 (71)Name of Applicant : (31) Priority Document No :02093/10 1)ALSTOM TECHNOLOGY LTD (32) Priority Date :15/12/2010 Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (33) Name of priority country :Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2011/072052 1)MICHELI Marco No :07/12/2011 Filing Date 2)KAPPIS Wolfgang (87) International Publication No:WO 2012/080053 **3)PUERTA Luis Federico** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The axial compressor has a two-stage guide vane cascade at the discharge-side end of the rotor. The guide vanes of the second stage of the cascade are staggered in the circumferential direction in relation to the guide vanes of the first stage in such a way that vortex streamers created by the guide vanes of the first stage cannot impinge upon the guide vanes of the second stage.

No. of Pages : 15 No. of Claims : 4

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PUMP FOR STERILISATION APPARATUS (51) International classification :F04B43/00,F04B43/12,A61L2/18 (71)Name of Applicant : (31) Priority Document No :1102609.3 **1)TRISTEL PLC** (32) Priority Date :15/02/2011 Address of Applicant : Unit 4C Lvnx Business Park Fordham (33) Name of priority country Road Snailwell Cambridgeshire CB8 7NY U.K. :U.K. (86) International Application (72)Name of Inventor : :PCT/EP2012/051594 1)**KENT Barrv** No :31/01/2012 Filing Date 2)TURNER Jeremy (87) International Publication :WO 2012/110313 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A peristaltic pump (2) for use in a sterilisation apparatus(10) comprises: a flexible pump hose (44) having an outlet end and an inlet end and an electrically conductive fitting (53) at each end; a motor driven impeller (46) disposed in relation to the pump hose (44) such that when the impeller (46) is driven it will intermittently bear against the pump hose (44) so as to bring the internal walls of the pump hose together(62); a first electrode (52a) in contact with the conductive fitting (53a) at the outlet end of the pump hose (44) and a second electrode (52b) in contact with the conductive fitting (53b) at the inlet end of the pump hose (44); means (70) for applying a voltage across the first and second electrodes (52); and means (70) for measuring an electrical property between the conductive fittings(53). Other aspects of the invention provide a sterilisation apparatus including the pump and a method of using the sterilisation apparatus.

No. of Pages : 62 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LIGHT SCANNING SYSTEMS		
 (54) Title of the invention : LIGHT SCA (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 	NNING SYSTEMS :G02B21/06,G02B26/10 :61/434557 :20/01/2011 :U.S.A. :PCT/SE2011/051602 :29/12/2011 :WO 2012/099521	 (71)Name of Applicant : 1)APPLIED PRECISION INC. Address of Applicant :1040 12th Avenue NW Issaquah Washington 98027 U.S.A. 2)GE HEALTHCARE BIO SCIENCES AB (72)Name of Inventor : 1)COOPER Jeremy R.
 (67) International Fublication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	I)COOPER Jeremy K.

(57) Abstract :

Various light scanning systems that can be used to perform rapid point by point illumination of a focal plane within a specimen are disclosed. The light scanning systems can be incorporated in confocal microscopy instruments to create an excitation beam pivot axis that lies within an aperture at the back plate of an objective lens. The light scanning systems receive a beam of excitation light from a light source and direct the excitation beam to pass through the pivot point in the aperture of the back plate of the objective lens while continuously scanning the focused excitation beam across a focal plane.

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

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C07K16/28	(71)Name of Applicant :
(31) Priority Document No	:61/430235	1)GLAXO GROUP LIMITED
(32) Priority Date	:06/01/2011	Address of Applicant :980 Great West Road Brentford
(33) Name of priority country	:U.S.A.	Middlesex TW8 9GS U.K.
(86) International Application No	:PCT/EP2012/050061	(72)Name of Inventor :
Filing Date	:04/01/2012	1)BEATON Andrew
(87) International Publication No	:WO 2012/093125	2)DIMECH Caroline
(61) Patent of Addition to Application	·NIA	3)ERTL Peter Franz
Number	.INA ·NA	4)FORD Susannah Karen
Filing Date	.NA	5)MCADAM Ruth
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : LIGANDS THAT BIND TGF BETA RECEPTOR II

(57) Abstract :

The disclosure provides an anti TGFbetaRII immunoglobulin single variable domain. Suitably an anti TGFbetaRII immunoglobulin single variable domain in accordance with the disclosure is one having an amino acid sequence as set forth in any one of SEQ ID NO: 1 38 204 206 208 214 234 236 238 240 263 265 267 269 271 273 275 277 279 281 283 285 287 289 or 291 having up to 5 amino acid substitutions deletions or additions. The disclosure further provides a polypeptide and pharmaceutical composition for treating a disease associated with TGFbeta signalling and suitably a disease selected from the group of: tissue fibrosis such as pulmonary fibrosis; liver fibrosis including cirrhosis and chronic hepatitis; rheumatoid arthritis; ocular disorders; fibrosis of the skin including keloid of skin; Dupuytren s Contracture; kidney fibrosis such as nephritis and nephrosclerosis; wound healing; scarring reduction; and a vascular condition such as restenosis.

No. of Pages : 181 No. of Claims : 31

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONCRETE PUMP AND METHOD FOR ADJUSTING VALUE OF DRIVE PRESSURE TO SWINGING ACTUATOR THEREOF

 (51) International classification (51) International classification (31) Priority Document No (201010 (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (86) International Application No (87) International Publication No (92) Divisional to Application Number (92) Divisional to Application Number (92) Divisional to Application Number (93) NA 	 315/02 (71)Name of Applicant : (72000 (71)Name of Applicant : (72)Name of Inventor : (72)Name of Inventor : (72)WANG Jiaqian 	PUSTRY SCIENCE AND 1 Yinpen South Road Yuelu 3 China 2 CIAL VEHICLE CO. LTD.
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(57) Abstract :

A concrete pump and a method for adjusting the value of the drive pressure to the swinging actuator in the concrete pump are disclosed. The concrete pump includes a swinging actuator and an S shaped distribution valve (17). The swinging actuator is driven by a swinging hydraulic loop and controls the swinging of the S shaped distribution valve. The swinging hydraulic loop includes a swinging drive pressure control module. The swinging drive pressure control module adjusts the value F of the swinging drive pressure that the swinging hydraulic loop applies on the swinging actuator according to the first pressure value F1 and/or the second pressure value F2 wherein the first pressure value F1 is the oil liquid pressure value of the stirring hydraulic loop and the second pressure value F2 is the oil liquid pressure value of the concrete cylinder hydraulic loop. The concrete pump avoids conditions that different attributions of the concrete or other different working conditions cause the actuator to provide over high or over low pressure to the S shaped distribution valve. The concrete pump avoids the conditions that the S shaped distribution valve generates high speed impact and noise and the structural body generates inertia impact and vibration.

No. of Pages : 23 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL EUROPEAN PRRSV STRAIN

 (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 	:A61K39/12,C12N7/00 :61/444074 :17/02/2011 :U.S.A. :PCT/EP2012/052475 :14/02/2012 :WO 2012/110489 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM VETMEDICA GMBH Address of Applicant :Binger Strasse 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)BURGARD Kim 2)KROLL Jeremy 3)LAYTON Sarah M. 4)OHLINGER Volker 5)ORVEILLON Francois Xavier 6)PESCH Stefan 7)PIONTKOWSKI Michael Dennis 8)ROOF Michael B. 9)UTLEY Philip 10)VAUGHN Eric Martin
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(57) Abstract :

The present invention is related to improved modified live PRRS vaccines containing new PRRSV European strains of PRRSV and methods of use and manufacture of such vaccines.

No. of Pages : 319 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CANNULAT	ED GUIDE TOOLS	
 (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 	:A61B17/88 :12/986004 :06/01/2011 :U.S.A. :PCT/US2012/020240 :04/01/2012 :WO 2012/094433 :NA :NA :NA :NA	 (71)Name of Applicant : SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : FAN Wei Li 2)FERRAGAMO Michael Charles 3)SULLIVAN James Joseph

(57) Abstract :

According to a first configuration a hand tool is configured to include a shaft a handle disposed at a proximal end of the shaft and a tubular tip disposed on a hinge at a distal end of the shaft. The tubular tip pivots about the hinge providing a way to steer a resource to a specific location in a medical site. In accordance with a second configuration a hand tool includes a flexible section of tube a flexible sheathing and a link. The flexible sheathing encases the flexible section of tube. At least a portion of the link resides between an outer surface of the flexible section of tube and an inner surface of the flexible sheathing. One end of the link is affixed to a distal tip of the flexible section of tube. Pulling on the link causes the flexible section of tube to arc.

No. of Pages : 42 No. of Claims : 25

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VARIATOR SWITCHING VALVE SCHEME FOR A TORROIDAL TRACTION DRIVE TRANSMISSION

 (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 	:F16H61/664 :61/423293 :15/12/2010 :U.S.A. :PCT/US2011/064818 :14/12/2011 :WO 2012/082845 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALLISON TRANSMISSION INC. Address of Applicant :4700 West 10th Street Indianapolis IN 46206 0894 U.S.A. (72)Name of Inventor : 1)LONG Charles F. 2)WEBER Darren J. 3)FULLER John William Edward
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(57) Abstract :

An apparatus for controlling a variator having at least one roller between two torroidal disks may include at least one actuator responsive to fluid pressure at separate high side and low side fluid inlets thereof to control torque applied by the at least one roller to the disks. First and second variator switching valves may each receive a first fluid at a first pressure and a second fluid at a second lesser pressure. The first and second variator switching valves supply the first fluid to the high side fluid inlet and the second fluid to the low side fluid inlet during two of four different operational states together defined by the variator switching valves and supply the second fluid to the high side fluid inlet and the first fluid to the low side fluid inlet during each of the remaining two of the four different operational states.

No. of Pages : 43 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DUAL PUMP REGULATOR SYSTEM FOR A MOTOR VEHICLE TRANSMISSION (51) International classification :B62D5/00,B62B5/06 (71)Name of Applicant : (31) Priority Document No 1)ALLISON TRANSMISSION INC. :61/423296 (32) Priority Date :15/12/2010 Address of Applicant :4700 West 10th Street Indianapolis IN 46206 0894 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/064815 (72)Name of Inventor : Filing Date :14/12/2011 1)LONG Charles F. (87) International Publication No :WO 2012/082843 2)WEBER Darren J. (61) Patent of Addition to Application 3)FULLER John William Edward :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus and method are disclosed for controlling fluid flow in a motor vehicle transmission. At least one friction engagement device is fluidly coupled to a first pump and a lubrication and cooling sub system is normally fluidly coupled to a second pump. Illustratively when a flow rate of the fluid in the first fluid passageway is less than a threshold fluid flow rate a temperature of the fluid is greater than a temperature threshold and a fluid flow demand is greater than a fluid flow demand threshold fluid flow from the second pump to the lubrication and cooling sub system is blocked and fluid supplied by the second pump is instead directed to the at least one friction engagement device such that fluid is supplied by both the first and second pumps only to the at least one friction engagement device.

No. of Pages : 56 No. of Claims : 49

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LAMINATED GLASS INTERLAYER METHOD FOR PRODUCING SAME AND LAMINATED GLASS USING 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 	:C03C27/12,B32B27/18,B32B27/22 :2010275303 :10/12/2010 :Japan :PCT/JP2011/078211 :06/12/2011 :WO 2012/077689 :NA :NA	 (71)Name of Applicant : 1)KURARAY CO. LTD. Address of Applicant :1621 Sakazu Kurashiki shi Okayama 7100801 Japan (72)Name of Inventor : 1)AMANO Yusuke 2)MORIKAWA Keisuke 3)HIGASHIDA Noboru 4)BEEKHUIZEN Jan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an interlayer film for laminated glass comprising: a layer x which contains polyvinyl acetal (Al) having a content of vinyl alcohol units of 22 mol% or less, a L plasticizer (B), heat ray shielding microparticles (C), phosphoric acid ester (D), and alkali metal salt and/or alkali earth metal salt (F), and has an acid number in accordance with JIS K2501 of 1.5 KOH mg/g or less; and a layer y containing polyvinyl acetal (A2) having a content of vinyl alcohol units i of from 25 to 34 mol%, the plasticizer (B), and an ultraviolet absorber (E), wherein the layers y are located on both sides of the layer x. This enables to provide an interlayer film for laminated glass that is excellent in transparency, adhesion, durability, sound insulation, and a heat ray shielding property.

No. of Pages : 58 No. of Claims : 13

(21) Application No.5972/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C07K 16/28	(71)Name of Applicant :
(31) Priority Document No	:0408379	1)PIERRE FABRE MEDICAMENT
(32) Priority Date	:29/07/2004	Address of Applicant :45, PLACE ABEL GANCE, F-92100
(33) Name of priority country	:France	BOULOGNE-BILLANCOURT, FRANCE
(86) International Application No	:PCT/IB2005/002619	(72)Name of Inventor :
Filing Date	:27/07/2005	1)GOETSCH, LILIANE
(87) International Publication No	:WO 2006/013472	2)CORVAIA, NATHALIC
(61) Patent of Addition to Application	٠NIA	
Number		
Filing Date	.NA	
(62) Divisional to Application Number	:743/DELNP/2007	
Filed on	:29/01/2007	

(54) Title of the invention : NOVEL ANTI-IGF-IR ANTIBODIES AND USES THEREOF

(57) Abstract :

The present invention relates to novel antibodies capable of binding specifically to the human insulin-like growth factor I receptor IGF-IR and/or capable of specifically inhibiting the tyrosine kinase activity of said IGF-IR, especially monoclonal antibodies of murine, chimeric and humanized origin, as well as the amino acid and nucleic acid sequences coding for these antibodies. The invention likewise comprises the use of these antibodies as a medicament for the prophylactic and/or therapeutic treatment of cancers overexpressing IGF-IR or any pathology connected with the overexpression of said receptor as well as in processes or kits for diagnosis of illnesses connected with the overexpression of the IGF-IR. The invention finally comprises products and/or compositions comprising such antibodies in combination with anti-EGFR antibodies and/or anti-VEGF antibodies and/or antibodies directed against other growth factors involved in tumor progression or metastasis and/or compounds and/or anti-cancer agents or agents conjugated with toxins and their use for the prevention and/or the treatment of certain cancers.

No. of Pages : 53 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification	:F16L1/19,F16L1/20	(71)Name of Applicant :
(31) Priority Document No	:1101579.9	1)SAIPEM S.P.A.
(32) Priority Date	:28/01/2011	Address of Applicant : Via Martiri di Cefalonia 67 San Donato
(33) Name of priority country	:U.K.	Milanese I 20097 Milan Italy
(86) International Application No	:PCT/EP2012/051271	(72)Name of Inventor :
Filing Date	:26/01/2012	1)BIANCHI Stefano
(87) International Publication No	:WO 2012/101233	2)ARDAVANIS Kimon Tullio
(61) Patent of Addition to Application	•NT A	3)BAYLOT Michel Pierre Armand
Number		4)HAJERI Yann
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PIPE-LAYING VESSEL AND MEHTOD OF LAYING A PIPELINE

(57) Abstract :

A pipe laying vessel (100) including a pipe laying tower (300) extending upwardly from the vessel the tower comprising a first lower section (310) extending upwardly from a proximal end to a distal end above the main deck (103) of the vessel and a second upper section (311) movably mounted on the first lower section and the tower having a first pipe laying configuration for laying pipeline P in which the second upper section (311) is positioned above the lower section (310) and pipe is passed from the second upper section (311) to the lower section (310) when in use it is being laid and a second stowed configuration in which the second upper section (311) is moved relative to the lower section (310) and the overall height of the tower (300) is reduced.

No. of Pages : 82 No. of Claims : 43

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING THE MOVEMENTS OF A FLUID FROM REMOTE MEASUREMENTS OF RADIAL VELOCITIES

 (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 	:G01P5/26 :1150057 :05/01/2011 :France :PCT/FR2011/053200 :28/12/2011 :WO 2012/093221 :NA :NA :NA	 (71)Name of Applicant : 1)LEOSPHERE Address of Applicant :76 rue Monceau F 75008 Paris France 2)ARIA TECHNOLOGIES (72)Name of Inventor : BOQUET Matthieu NIBART Maxime ALBERGEL Armand
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for determining the flow of a fluid in a volume of interest including steps of remotely measuring at a plurality of measurement points distributed along at least three axes of measurement having different spatial orientations passing through the volume of interest the radial velocity of said fluid in the vicinity of said measurement points and for calculating the velocity of the fluid at a plurality of calculation points distributed in a grid in the volume of interest wherein the calculation of the velocity of the fluid includes the use of a mechanical behavior model of said fluid. The invention also relates to a device implementing said method.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

:F16B7/04,F16K31/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SIEMENS AKTIENGESELLSCHAFT :NA (32) Priority Date Address of Applicant :Wittelsbacherplatz 2 80333 Munich :NA (33) Name of priority country :NA Germany (86) International Application No :PCT/CN2011/071109 (72)Name of Inventor : Filing Date :18/02/2011 1)HAGMANN Stefan (87) International Publication No :WO 2012/109800 2)GUO Feile (61) Patent of Addition to Application **3)ZHANG Ping** :NA Number 4)YAO Yuchao :NA Filing Date **5)ZHAN Ning** (62) Divisional to Application Number :NA 6)WANG Jianhui Filing Date :NA

(54) Title of the invention : CONNECTION MECHANISM VALVE AND ACTUATING MECHANISM

(57) Abstract :

A connection mechanism for connecting a first component and a second component is provided. The connection mechanism includes a gripping part a connection part and a fixing part. The gripping part has a first connection portion and a second connection portion a pair of first through holes is disposed symmetrically on the first connection portion and a through slot is disposed symmetrically between the first connection portion and the second connection portion. The connection part has a free end and a fixing end and the free end passes through the first through hole so as to limit a radial movement of the connection part. The fixing part is fixed on the gripping part and the other end of the fixing part is used to limit an axial movement of the connection mechanism are also provided. By employing the connection structure components connected therewith are conveniently and quickly connected and dismounted.

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

(21) Application No.5944/DELNP/2013 A

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING WATER ABSORBING RESIN

(51) International classification	:C08F6/24,C08F4/04,C08F4/28	(71)Name of Applicant : 1)SUMITOMO SEIKA CHEMICALS CO. LTD
(32) Priority Date	-28/03/2011	Address of Applicant 346 1 Miyanishi Harima cho Kako gun
(33) Name of priority country	:Japan	Hyogo 6750145 Japan
(86) International Application No	:PCT/JP2012/056300	(72)Name of Inventor :
Filing Date	:12/03/2012	1)HONDA Noriko
(87) International Publication No	:WO 2012/132861	2)WATANABE Ayaka
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KONDO Kimihiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This process for producing a water absorbing resin includes: a polymerization step of subjecting a polymerizable component which contains a water soluble ethylenic unsaturated monomer dissolved in water to polymerization using a water soluble azo radical polymerization initiator to form a reaction system which contains a water absorbing resin precursor; and a dehydration step of removing water from the reaction system by heating. In the dehydration step a water soluble radical polymerization initiator is added to the reaction system in a first arbitrary dehydration stage such that the retention of water as calculated by formula (1) is 50% or more and then a reducing substance is added to the reaction system in a second arbitrary dehydration stage such that the retention of water is lower than that in the first arbitrary dehydration stage by 10% or more. According to the process a water absorbing resin which exhibits a high water absorption can be produced while minimizing the content of residual monomers.

No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (21) Application No.5945/DELNP/2013 A (19) INDIA (22) Date of filing of Application :02/07/2013 (43) Publication Date : 05/12/2014 (54) Title of the invention : A REDUNDANCY MEMORY STORAGE SYSTEM AND A METHOD FOR CONTROLLING A **REDUNDANCY MEMORY STORAGE SYSTEM** :G11C29/44,G11C29/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ADVANCED MICRO DEVICES INC. :12/985139 (32) Priority Date Address of Applicant : One AMD Place P.O. Box 3453 :05/01/2011 Sunnyvale California 90488 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :PCT/US2011/067607 Filing Date 1)WUU John J. :28/12/2011 2)WEISS Donald R. (87) International Publication No :WO 2012/094214 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A memory system is provided including a first memory (110) comprising a plurality of bitcells configured to store data and a second memory (120) configured to store an index of the data stored at a corresponding location in the first memory and further configured to store repair information wherein th repair information indicates a bitcell error at the corresponding location in the first memory.

No. of Pages : 18 No. of Claims : 20

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : UNIVERSAL DEVICE FOR ENERGY CONCENTRATION

(51) International	:H01O19/17.G02B5/12.G10K11/28	(71)Name of Applicant :
classification		1)QUANTRILL ESTATE INC
(31) Priority Document No	:NA	Address of Applicant : P.O. Box 958 Pasea Estate Road Town
(32) Priority Date	:NA	Tortola VIRGIN ISLANDS
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/RU2011/001041 :29/12/2011	1)KOMRAKOV Evgeny Vyacheslavovich
(87) International Publication No	:WO 2013/028099	
(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 the field of antenna engineering and may be used in various devices operating in a broad range of wavelengths including visible ultraviolet infrared shortwave microwave and ultra short wave etc. The technical result achieved by using the present invention lies in the multifunctionality compactness durability efficiency and effectiveness of the device. This technical result is achieved by the fact that in the universal device for energy concentration which contains a reflector and an emission source or receiver the reflector is in the form of at least part of a surface of a solid of revolution and the emission source or receiver is in the form of a distributed system of active or passive elements accordingly positioned at an equal distance from the reflector which constitutes 0.3 0.5 of the radius of curvature thereof. Moreover the reflector may be in the form of a cylindrical surface or a segment thereof or in the form of a spherical surface or a truncated segment thereof or the cross section of the reflector may be in the form of a sphere or a parabola may be used in a vertical plane. Furthermore the surface of the reflector may be in the form of a solid of revolution which in cross section comprises two ellipses joined in such a way that one focus of each of the ellipses coincides with the axis of the solid of revolution wherein the distributed system of active or passive elements is mounted at the other focus of the ellipse.

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

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SOCIAL INFRASTRUCTURE CONTROL SYSTEM CONTROL METHOD CONTROL DEVICE AND SERVER

(57) Abstract :

A social infrastructure system is furnished with a control device and a server. The control device is equipped with a collecting unit a transmitting unit a receiving unit and a control unit. The collecting unit collects sensing data for a social infrastructure control target. The transmitting unit transmits the collected sensing data to the server through a communication line. The receiving unit receives a control instruction for controlling the control target from the server. The control unit controls the control target on the basis of the control instruction received from the control unit. The server is equipped with an acquiring unit a database a generating unit and an instructing unit. The acquiring unit acquires the sensing data from the control device through the communication line and then stores the sensing data in the database. The generating unit processes the sensing data and generates a control instruction. The instructing unit transmits the generated control instruction to the control device. At times based on a priority set for each control target the control unit performs control on a plurality of control targets based on the control instruction.

No. of Pages : 61 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEAD PLAT		
(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60B35/06,B60B35/08 :61/422948 :14/12/2010 :U.S.A.	 (71)Name of Applicant : 1)HENDRICKSON USA L.L.C. Address of Applicant :500 Park Boulevard Suite 1010 Itasca IL 60143 U.S.A.
 (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 	:PCT/US2011/064071 :09/12/2011 :WO 2012/082533 :NA :NA :NA :NA	 (72)Name of Inventor : 1)BUBULKA John S. 2)LUMETTA Sammy C. 3)DUDDING Ashley T. 4)LOVETT Jerry M. 5)SELLBERG Robert P.

(57) Abstract :

A vehicle axle is provided with a main body defined by the combination of a channel having an inverted U shaped configuration and a bottom plate. The ends of the main body are curved upwardly to define a pair of gooseneck portions. Axle head sections (300) are formed at the ends of the axle and are closed off by end extensions extending from the front and rear walls of the channel and a cover flap extension extending from the top wall of the channel. A head plate (302) having a rounded back edge (310) and/or a pocket is inserted within the space between the cover flap (136) and the top edges of the end extensions (134).

No. of Pages : 59 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED CLEANING 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 	:D06F35/00,D06P5/02,C11D3/14 :1100627.7 :14/01/2011 :U.K. :PCT/GB2012/050085 :16/01/2012 :WO 2012/095677 :NA :NA :NA	 (71)Name of Applicant : 1)XEROS LIMITED Address of Applicant :Unit 14 Advanced Manufacturing Park Whittle Way Catcliffe Rotherham South Yorkshire S60 5BL U.K. (72)Name of Inventor : 1)JENKINS Stephen Derek 2)KENNEDY Frazer John 	

(57) Abstract :

The invention provides a meth od for the cleaning of a soiled substrate, the method comprising treating the substrate with a nonpolymeric solid particulate cleaning ma terial and wash water, the treatment being car ried out in an apparatus comprising a drum comprising perforated side walls and having a capacity of between 5 and 50 litres for each kg of fabric in the washload, wherein the solid particulate cleaning material comprises a mul tiplicity of non-polymeric particles at a particle to fabric addition level of 0.1 :1 -10: 1 by mass, each of the particles being substan tially cylindrical or spherical in shape, and wherein the drum comprising perforated side walls is rotated at a speed which generates G forces in the range of from 0.05 to 900 G. The non-polymeric particles may comprise particles of glass, silica, stone, wood, or any of a variety of metals or ceramic materials. Preferably the solid particulate cleaning ma terial additionally comprises a multiplicity of polymeric particles each of which is substantially cylindrical or spherical in shape. Prefer ably, at least one detergent is employed in the cleaning process. The invention provides optimum cleaning performance as a result of improved mechanical interaction between substrate and cleaning media and is preferably used for the cleaning of textile fabrics. The method allows for significant reductions in the consumption of detergents, water and en - ergy when compared with the conventional wet cleaning of textile fabrics, and also facilitates reduced washing-related textile fabric damage. The invention also envisages a cleaning composition comprising a solid particulate cleaning composition and at least one S additional cleaning agent

No. of Pages : 52 No. of Claims : 73

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SEMICONDUCTIVE POLYMER COMPOSITION

 (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 	:C08K 3/04 :04021606.1 :10/09/2004 :EPO :PCT/EP2005/009721 :09/09/2005 : NA :NA :NA :NA :1655/DELNP/2007 :01/03/2007	 (71)Name of Applicant : BOREALIS TECHNOLOGY OY Address of Applicant :P.O. Box 330, FIN-06101 Porvoo, Finland (72)Name of Inventor : ERICSSON, Anders GUSTAFSSON, Anders BROMAN, Claes LINDBOM, Lena NILSSON, Ulf SMEDBERG, Annika CARLSSON, Roger FAGRELL, Ola BOSTR–M, Jan-Ove FARKAS, Andreas CARSTENSEN, Peter
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(57) Abstract :

The present invention relates to an insulated electric DC-cable comprising a conductor, an inner semiconductive layer, an insulating layer and an outer semiconductive layer whereby at least one of the two semiconductive layers comprises a semiconductive polymer composition comprising a multimodal ethylene homo- or copolymer, produced in a polymerization process comprising a single site catalyst; up to 10 wt % polar copolymer; and carbon black; wherein the polymer composition has a density of 870 to 930 kg/m3, a MFR2 of 1 to 30 g/ 10min and a Mw/Mn of less than or equal to 10, whereby the ranges given are measured without additives.

No. of Pages : 31 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

RESPONSE (IVR) SYSTEM CHECKOUT WITH PAYBYPHONE (51) International classification :G06Q20/00 (71)Name of Applicant : (31) Priority Document No :12/972473 **1)SIVANATHAN Bhaskar Arcot** :19/12/2010 (32) Priority Date Address of Applicant :1314 City Lights Drive Aliso Viejo CA (33) Name of priority country 92656 U.S.A. :U.S.A. (86) International Application No 2)NAVAMITRAN Siyaprakasam :PCT/US2011/023439 (72)Name of Inventor : Filing Date $\cdot 02/02/2011$ (87) International Publication No :WO 2012/087357 **1)SIVANATHAN Bhaskar Arcot** (61) Patent of Addition to Application 2)NAVAMITRAN Sivaprakasam :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ACCEPTING PAYMENT INFORMATION ON THE WEB USING INTERACTIVE VOICE

(57) Abstract :

Alternative method of paying through a credit card using an Interactive voice response (IVR) system redirected from the web page (Checkout with PaybyPhone) from payment portion of the checkout page rather than the conventional way of entering through the web page. A system and method for paying by a credit card preferably at a point of sale is disclosed. The system employs an automated interactive voice response system preferably sponsored by client (Website owner). The user calls into the system using a standard telephone and enters credit payment information about the customer using the key pad of the telephone in response to verbal questions posed by the system. In one embodiment only numeric information concerning the customer is entered such as the customer s credit card number expiry date... etc. This credit card payment information is used to approve/decline via credit bureau database or a third party vendor who specializes in credit card payment processing which is used by the system to electronically decide whether to proceed with the order or not. The system verbally provides information to the user regarding the results of credit card validation so that the customer s credit purchase can be quickly completed.

No. of Pages : 32 No. of Claims : 8

(21) Application No.5814/DELNP/2013 A

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

	CO(E0/49	
(51) International classification	:G06F9/48	(71)Name of Applicant :
(31) Priority Document No	:61/422465	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:13/12/2010	Address of Applicant : One AMD Place Sunnyvale CA 94088
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/063240	2)ATI TECHNOLOGIES ULC
Filing Date	:05/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/082424	1)MCCRARY Rex
(61) Patent of Addition to Application	·NT A	2)HOUSTON Michael
Number	.INA ·NIA	3)ROGERS Philip J.
Filing Date	.INA	4)CHENG Jeffrey G.
(62) Divisional to Application Number	:NA	5)HUMMEL Mark
Filing Date	:NA	6)BLINZER Paul

(54) Title of the invention : GRAPHICS PROCESSING DISPATCH FROM USER MODE

(57) Abstract :

A method system and computer program product are disclosed for providing improved access to accelerated processing device compute resources to user mode applications. The functionality disclosed allows user mode applications to provide commands to an accelerated processing device without the need for kernel mode transitions in order to access a unified ring buffer. Instead applications are each provided with their own buffers which the accelerated processing device hardware can access to process commands. With full operating system support user mode applications are able to utilize the accelerated processing device in much the same way as a CPU.

No. of Pages : 47 No. of Claims : 21

(21) Application No.5815/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :G06F12/10 (71)Name of Applicant : (31) Priority Document No 1)ADVANCED MICRO DEVICES INC. :61/423062 Address of Applicant :One AMD Place Sunnyvale CA 94088 (32) Priority Date :14/12/2010 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No 2)ATI TECHNOLOGIES ULC :PCT/US2011/064854 Filing Date :14/12/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/082864 1)KEGEL Andv (61) Patent of Addition to Application 2)HUMMEL Mark :NA Number **3)GLASER Steve** :NA Filing Date 4)ASARO Anthony (62) Divisional to Application Number :NA 5)NG Philip Filing Date 6)CHENG Jeffrey :NA

(54) Title of the invention : INPUT OUTPUT MEMORY MANAGEMENT UNIT (IOMMU) TWO LAYER ADDRESSING

(57) Abstract :

Embodiments of the present invention provide methods systems and computer readable media for input output memory management unit (IOMMU) two layer addressing in the context of memory address translations for I/O devices. According to an embodiment a method includes translating a guest virtual address (GVA) to a corresponding guest physical address (GPA) using a guest address translation table according to a process address space identifier associated with an address translation transaction associated with an I/O device and translating the GPA to a corresponding system physical address (SPA) using a system address translation table according to a device identifier associated with the address translation transaction.

No. of Pages : 38 No. of Claims : 18

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MICROPOROUS MEMBRANE AND MANUFACTURING METHOD 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 	:C08J9/26,C08L1/02,C08L101/00 :2011226269 :13/10/2011 :Japan :PCT/JP2012/076447 :12/10/2012 :WO 2013/054884 :NA :NA	 (71)Name of Applicant : 1)TOKUSHU TOKAI PAPER CO. LTD. Address of Applicant :4379 Mukaijima cho Shimada shi Shizuoka 4278510 Japan (72)Name of Inventor : 1)IMAI Masanori 2)NEMOTO Satoshi
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a microporous membrane comprising cellulose fibers. Cellulose fibers having diameters greater than or equal to 1 μ m constitute at least 5% of the total weight of the cellulose fibers in said microporous membrane and the microporous membrane has a tensile strength of at least 50 N·m/g and/or a tear strength of at least 0.40 kN/m. This microporous membrane makes it possible to inexpensively provide a separator for use in an electrochemical element said separator having excellent characteristics.

No. of Pages : 36 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FILTER THAT IS VARIABLE BY MEANS OF A CAPACITOR THAT IS SWITCHED USING MEMS **COMPONENTS**

(57) Abstract :

The invention relates to a tractable filter comprising at least two resonating circuits (14a 14b) arranged between two matching networks (4 5) characterized in that: one resonator is connected by a first of the ends thereof (14a 14b) to the ground M of the filter by plated through holes (16) and by a second end (14a 14b) thereof to a MEMS network (12); the distance d between the two resonators forms an inductive inter resonator coupling circuit (10); an inter resonator coupling capacitor (11) is formed by two etched lines (11a 11b) connected to the first and second resonators; the MEMS networks are distributed around the ends of the resonators; the MEMS networks are connected between the first and second resonators and the ground M by means of plated through holes; and the filter includes a plurality of independent control voltages Vi (17) designed to operate the MEMS.

No. of Pages : 22 No. of Claims : 5

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONSTRAINED LAYER DAMPING MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G10K11/16,C08L95/00,G10K11/162 :10195287.7 :16/12/2010 :EPO :PCT/EP2011/072947 :15/12/2011	 (71)Name of Applicant : 1)AUTONEUM MANAGEMENT AG Address of Applicant :Schlosstalstrasse 43 CH 8406 Winterthur Switzerland (72)Name of Inventor : 1)STOPIN Gilles 2)TESS‰ Cline
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:WO 2012/080416 :NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

Constrained layer damping material comprising of at least a bitumen material a binder material and a tackifier characterised in that the bitumen material is a soft grade bitumen with a penetration of at least 150 dmm and a Ring & ball softening point of $> 35^{\circ}$ C.

No. of Pages : 17 No. of Claims : 12

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NUCLEIC ACID MOLECULES THAT TARGET THE VACUOLAR ATPASE C SUBUNIT AND CONFER RESISTANCE TO COLEOPTERAN PESTS

 (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 	:C12N15/12,C12N15/82,C12N5/10 :61/428608 :30/12/2010 :U.S.A. :PCT/US2011/068144 :30/12/2011 :WO 2012/092573 :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor : 1)NARVA Kenneth E. 2)LI Huarong 3)GENG Chaoxian 4)LARRINUA Ignacio 5)OLSON Monica Britt 6)ELANGO Navin 7)HENRY Matthew J.
Number Filing Date	:NA	

(57) Abstract :

This disclosure concerns nucleic acid molecules and methods of use thereof for control of coleopteran pests through RNA interference mediated inhibition of target coding and transcribed non coding sequences in coleopteran pests. The disclosure also concerns methods for making transgenic plants that express nucleic acid molecules useful for the control of coleopteran pests and the plant cells and plants obtained thereby.

No. of Pages : 163 No. of Claims : 60

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEAT PUMP SYSTEM HAVING A PRE PROCESSING MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:F24F12/00,F24D17/02,F24D5/12 :13/009222 :19/01/2011 :U.S.A. :PCT/CA2012/000055	 (71)Name of Applicant : 1)VENMAR CES INC. Address of Applicant :1502 D Quebec Ave. Saskatoon Saskatchewan S7K 1V7 Canada (72)Name of Inventor :
No Filing Date	:18/01/2012	1)GERBER Manfred 2)RONG Can Wen
(87) International Publication No	:WO 2012/097445	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A heat pump system for conditioning regeneration air from a space is provided. The heat pump system is operable in a winter mode and/or a summer mode and may be selectively operated in a defrost mode or cycle. The system includes an energy recovery module that receives and conditions air in a regeneration air channel. A pre processing module is positioned downstream of the energy recovery module. The pre processing module receives and heats air from the energy recovery module. A regeneration air heat exchanger is positioned downstream of the pre processing module. The regeneration air heat exchanger receives and conditions air from the pre processing module. The pre processing module heats the air from the energy recovery module to increase an efficiency of the regeneration air heat exchanger. During the defrost mode a loop of regeneration air may be recirculated between the supply air channel and the regeneration air channel in order to defrost the regeneration air heat exchanger.

No. of Pages : 66 No. of Claims : 90

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

 (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 	:A47J31/20 :10 2011 009 429.6 :26/01/2011 :Germany :PCT/EP2012/000298 :24/01/2012 :WO 2012/100934	 (71)Name of Applicant : 1)ISSAR Ravinder Address of Applicant :Plochinger Strasse 81 83 73730 Esslingen Germany (72)Name of Inventor : 1)ISSAR Ravinder
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/100934 :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HOT BEVERAGE PREPARATION DEVICE

(57) Abstract :

The invention relates to a hot beverage preparation device for household or gastronomy use comprising a heating unit (3; 403) for the liquid a control unit (4) for actuating the heating unit (3; 403) and a beverage container (5; 305; 405) which is designed to receive heated liquid wherein a stirring unit (6; 106; 406) is arranged in the beverage container (5; 305; 405) the stirring unit being designed for a stirring movement of the heated liquid in order to allow a homogeneous distribution of a beverage substrate that can be introduced in the heated liquid. According to the invention a supply container (2) for a liquid is provided in particular arranged in a housing (28) and/or the stirring unit (6; 106) comprises a filter unit (206; 486) for receiving the beverage substrate.

No. of Pages : 23 No. of Claims : 14

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD OF FORMING A CATALYST WITH AN ATOMIC LAYER OF PLATINUM ATOMS

 (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 	:B01J23/89,B01J35/08,B01J37/02 :NA :NA :NA :PCT/US2011/025693 :22/02/2011 :WO 2012/115624 :NA :NA	 (71)Name of Applicant : 1)UTC POWER CORPORATION Address of Applicant :195 Governors Highway South Windsor CT 06074 U.S.A. 2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor : 1)SHAO Minhua 2)KANEKO Keiichi 3)HUMBERT Michael Paul
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of forming a catalyst material includes hindering the reaction rate of a displacement reaction and controlling the formation of platinum clusters where an atomic layer of metal atoms is displaced with platinum atoms to produce a catalyst material that includes an atomic layer of the platinum atoms.

No. of Pages : 10 No. of Claims : 14

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REMOTE COMMUNICATION TERMINAL FOR CARRYING OUT GAMING SESSIONS ON THE STOCK MARKETS

 (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 	:G06Q40/00 :NA :NA :NA :PCT/RU2010/000809 :30/12/2010 :WO 2012/091604 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KLIGMAN Ilya Vladimirovich Address of Applicant :pr. Kronverkskiy 59 8 St.Petersburg 197198 Russia 2)MIGALEV Cergey Vladimirovich (72)Name of Inventor : 1)KLIGMAN Ilya Vladimirovich 2)MIGALEV Cergey Vladimirovich
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(57) Abstract :

The invention relates to the systems for assistance in financial transactions. The terminal for trading on the exchange markets, comprising a monitor and a keyboard or a monitor with a keyboard on a monitor screen, a device providing transfer of funds to users account and/or write-off of funds from the users account and/or money output, a device for remote connection in the form of the programming and computing unit having a feature of displaying of the graphic interface with the fields for displaying of target information, connected with the control server for the users account state. The device providing transfer of funds to the users account and/or write-off of funds from the users account and/or money output, produced in the form of a unit built into the terminal case, or located outside the latter at a distance and connected with the programming and computing unit having a feature of remote connection with the servers of the exchange markets and information agencies for displaying in the specified fields of information about the current quotations, stakes and calculation of profit and loss for each transaction, thus the specified unit also has a feature of displaying of stakes and with a feature of input of the price for a rate (point) change and a stake amount through the keyboard.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

 (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 	:G06Q40/00 :NA :NA :NA :PCT/RU2010/000808 :30/12/2010 :WO 2012/091603	 (71)Name of Applicant : 1)KLIGMAN Ilya Vladimirovich Address of Applicant :pr. Kronverkskiy d.59 kv 8. St.Petersburg 197198 Russia 2)MIGALEV Cergey Vladimirovich (72)Name of Inventor : 1)KLIGMAN Ilya Vladimirovich 2)MIGALEV Cergey Vladimirovich
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/091603 :NA :NA :NA :NA	1)KLIGMAN Ilya Vladimirovich 2)MIGALEV Cergey Vladimirovich

(54) Title of the invention : SYSTEM FOR PLAYING ON THE STOCK MARKET (EMBODIMENTS)

(57) Abstract :

The invention relates to the systems for assistance in financial transactions. The exchange trading system comprising of a computerassisted device having a feature of access to information about tendering and output of this information to the users terminals, as well as a feature of input of stake for increase or decrease in the cost of a quotation and cost of one minimum price change for this quotation. Terminals for real time trading sessions on the exchange, represented by the mobile communication devices supporting protocols of this communication or wireless data transmission technologies are used. The computer-assisted device is represented by a server having a feature of staking and calculation of profit and loss within the amount of money on the users account. The control unit for the personal user account state has a feature of control for the state of the users account registered in the organization of trading host and its crediting by means of payment systems and money input devices and transfer of money to the personal account of the user or payment by cash.

No. of Pages : 12 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STEM CELL FACTOR INHIBITOR				
 (54) Title of the invention : STEM CEL (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 (2) Divisional to Application Number 	L FACTOR INHIBITOR :A61K39/395,C07K16/00 :61/431246 :10/01/2011 :U.S.A. :PCT/US2012/020782 :10/01/2012 :WO 2012/096960 :NA :NA	 (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :1600 Huron Parkway 2nd Floor Ann Arbor Michigan 48109 U.S.A. (72)Name of Inventor : 1)LUKACS Nicholas W. 2)DOLGACHEV Vladislav A. 3)KUNKEL Steven L. 4)HOGABOAM Cory M. 5)PHAN Sem H. 		
(62) Divisional to Application Number Filing Date	:NA :NA			

(57) Abstract :

Provided herein are methods compositions and uses relating to inhibitors of stem cell factor. For example provided herein are antibodies targeting stem cell factor and methods for treating fibrotic and tissue remodeling diseases.

No. of Pages : 120 No. of Claims : 30
(21) Application No.6002/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

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(51) International classification	:F04B43/04,F04B49/06	(71)Name of Applicant :
(31) Priority Document No	:10196809.7	1)DEBIOTECH S.A.
(32) Priority Date	:23/12/2010	Address of Applicant :Immeuble Le Portique Av. de Svelin 28
(33) Name of priority country	:EPO	CH 1004 Lausanne Switzerland
(86) International Application No	:PCT/IB2011/055771	(72)Name of Inventor :
Filing Date	:19/12/2011	1)NOTH Andr
(87) International Publication No	:WO 2012/085814	2)CHAPPEL Eric
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRONIC CONTROL METHOD AND SYSTEM FOR A PIEZO ELECTRIC PUMP

(57) Abstract :

actact optimalact optimalact optimalA method for actuating a pumping device with an optimal driving voltage wherein the pumping device comprises a pumping chamber (4) having a pumping membrane (1) an inlet (3) and an outlet chamber (5) a voltage controlled actuator (6) connected to said pumping membrane (1) said pumping membrane reaching a stop position defined by a mechanical stop (2) a sensor for determining whether the pumping membrane has reached said mechanical stop (2); said method comprising a learning and working phase wherein the learning phase comprises the following steps) actuation of the pumping membrane (1) by applying a predetermined actuation voltage V to the actuator (6) said pumping membrane (1) reaching said position in an over actuation step or not reaching said mechanical stop (2) position in an under actuation process;) after the over actuation step decreasing the voltage so that the pumping membrane (1) reaches said mechanical stop (2) position and storing as the optimal voltage V or) in the under actuation step increasing the voltage so that the pumping membrane (1) reaches said mechanical stop (2) position and storing as the optimal voltage V or) actuating the pumping device in the working phase with the determined optimal voltage value V.

No. of Pages : 20 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLOW CELL STACK		
 (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 	:H01M4/02 :61/432541 :13/01/2011 :U.S.A. :PCT/US2012/021298 :13/01/2012 :WO 2012/097286 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEEYA ENERGY INC. Address of Applicant :48611 Warm Springs Blvd. Fremont California 94539 U.S.A. (72)Name of Inventor : 1)SAHU Saroj Kumar 2)NAIR Suresh Kumar Surapalan

(57) Abstract :

A stacked cell for a flow cell battery is presented. The stacked cell is sealed by a gasket between individual components. The gasket is formed such that it seals against leakage of electrolytes and facilitates the flow of electrolytes through the stacked cell. Further the gasket is formed to minimize the linear expansion of the gasket material with temperature.

No. of Pages : 38 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INJECTOR FOR A UREA WATER SOLUTION (51) International classification :F01N3/20 (71)Name of Applicant : 1)EMITEC GESELLSCHAFT FR (31) Priority Document No :10 2011 010 641.3 (32) Priority Date EMISSIONSTECHNOLOGIE MBH :09/02/2011 (33) Name of priority country Address of Applicant :Hauptstrae 128 53797 Lohmar :Germany (86) International Application No :PCT/EP2012/052123 Germany (72)Name of Inventor : Filing Date :08/02/2012 (87) International Publication No 1)DIOUF Cheikh :WO 2012/107484 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Injector (1) for a urea water solution comprising at least a main body (2) with a fitting (3) for the urea water solution a valve (4) with a valve drive (5) and a separate feed pipe (6) for a urea water solution said feed pipe extending through the main body (2) at least in part.

No. of Pages : 28 No. of Claims : 10

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL SOLID STATE FORMS OF AZILSARTAN MEDOXOMIL AND PREPARATION THEREOF

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C07D413/14,A61K31/4245,A61P9/12 :3155/DEL/2010 :29/12/2010	 (71)Name of Applicant : 1)JUBILANT LIFE SCIENCES LIMITED Address of Applicant :Plot 1A Sector 16 A Noida 201 301 Uttar Pradesh
(33) Name of priority country	:India	(72)Name of Inventor : 1)MISHRA Himanchal
Application No Filing Date	:PCT/IB2011/003055 :16/12/2011	2)BANSAL Deepak 3)PALLOORU Muni Bhaskar 4)CHOUDHARY Alka Srivastava
(87) International Publication No	:WO 2012/090043	5)VIR Dharam 6)AGARWAL Ashutosh
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)DUBEY Shailendr Kumar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides novel solid state forms of azilsartan medoxomil and process for the preparation thereof. The solid state forms of the present invention includes crystalline forms viz. J2 J3 J4 J5 J6 J7 J8 J9 and amorphous forms of azilsartan medoxomil. Further it relates to the pharmaceutical composition and use of the said formulation to treat the conditions in a subject in need thereof.

No. of Pages : 55 No. of Claims : 75

(21) Application No.6014/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AZILSARTAN MEDOXOMIL

(51) International classification	:C07D413/10,C07D413/14	(71)Name of Applicant :
(31) Priority Document No	:315/DEL/2011	1)JUBILANT LIFE SCIENCES LIMITED
(32) Priority Date	:08/02/2011	Address of Applicant :Plot No. 1A Sector 16 A Noida 201 301
(33) Name of priority country	:India	Uttar Pradesh
(86) International Application No	:PCT/IB2012/000090	(72)Name of Inventor :
Filing Date	:24/01/2012	1)BANSAL Deepak
(87) International Publication No	:WO 2012/107814	2)MISHRA Himanchal
(61) Patent of Addition to Application	·NI A	3)DUBEY Shailendr Kumar
Number	NA	4)CHOUDHARY Alka Srivastava
Filing Date	.NA	5)VIR Dharam
(62) Divisional to Application Number	:NA	6)AGARWAL Ashutosh
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of azilsartan or its esters or salts thereof. Specifically the invention provides a method for the preparation of highly pure methyl 1 [[2 (4 5 dihydro 5 oxo 4H 1 2 4 oxadiazol 3 yl)biphenyl 4 yl]methyl] 2 ethoxy 1H benzimidazole 7 carboxylate an intermediate compound of formula (4) for azilsartan medoxomil with reduced content of desethyl impurity. The invention also involves the use of highly pure methyl 1 [[2 (4 5 dihydro 5 oxo 4H 1 2 4 oxadiazol 3 yl)biphenyl 4 yl] biphenyl 4 yl] methyl] 2 ethoxy 1H benzimidazole 7 carboxylate in the preparation of azilsartan or its esters or salts thereof preferably medoxomil with reduced content of desethyl impurity.

No. of Pages : 24 No. of Claims : 15

(21) Application No.5990/DELNP/2013 A

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRODE FOR OXYGEN EVOLUTION IN INDUSTRIAL ELECTROCHEMICAL PROCESSES

 (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 	:C25B1/02,C25B11/04,C25C7/02 :MI2011A000089 :26/01/2011 :Italy :PCT/EP2012/051079 :25/01/2012 :WO 2012/101141 :NA :NA	 (71)Name of Applicant : 1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milano Italy (72)Name of Inventor : 1)CALDERARA Alice 2)SALA Fabio 3)TIMPANO Fabio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a coating for anodes suitable for oxygen evolution in electrochemical processes comprising one or more catalytic layers and an external layer. Such external layer having a composition based on tantalum oxides or tin oxides or zirconium oxides in an amount of 2 to 7 g/m.

No. of Pages : 15 No. of Claims : 9

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FACILITIES FOR OFFSHORE LIQUEFIED NATURAL GAS FLOATING STORAGE WITH JACK UP PLATFORM REGASIFICATION UNIT

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (30/12/2010 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No :WO 2012/091336 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication (87) International Publication No :WO 2012/091336 (91) Patent of Addition to (92) Divisional to Application (93) Name of Addition (94) NA (94) NA (95) NA (95) NA (96) Divisional to Application (97) NA (98) NA	 (71)Name of Applicant : 1)SAMSUNG C&T CORPORATION Address of Applicant :Samsung C&T Corp. Bldg. 1321 20 Seocho 2 dong Seocho gu Seoul 137 956 Republic of Korea (72)Name of Inventor : 1)MOON Ki Ho 2)WI Kwang Ho 3)YANG Seong Min 4)SHIN Ho Joon 5)AN Su Hyuk 6)KIM Kil Hong 7)JUNG Heon Joong 8)JANG Jae Hyuk 9)MOON Chul Jin 10)LEE Jae Heon 11)CHO Hyun Sang 12)LEE Sung Uk
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(57) Abstract :

Facilities for offshore liquefied natural gas (LNG) floating storage with jack up platform regasification unit the facilities including: a jack up unit comprising legs which have bottom part to be fixable to a sea bed and top part to be exposed to a surface of water and a hull to be movable up and down with respect to the legs; a storage unit moored at the jack up unit providing a space for storing LNG; a regasification unit as a module which regasifies the LNG supplied from the storage unit installed on a top portion of the jack up unit separable from the jack up unit; a utility unit comprising a power source and a sea water pump to supply power and sea water to the regasification unit; and a piping unit comprising unloading pipe for connecting the regasification unit and the storage unit and supplying pipe for carrying natural gas gasified by the regasification unit.

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

(19) INDIA

(22) Date of filing of Application :27/06/2013

(54) Title of the invention : MICROPOROUS FILM AND MANUFACTURING METHOD 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 	:H01M2/16,C08B15/00,D04H1/425 :2011226271 :13/10/2011 :Japan :PCT/JP2012/076428 :12/10/2012	 (71)Name of Applicant : 1)TOKUSHU TOKAI PAPER CO. LTD. Address of Applicant :4379 Mukaijima cho Shimada shi Shizuoka 4278510 Japan (72)Name of Inventor : 1)IMAI Masanori 2)NEMOTO Satoshi
(87) International Publication No	:WO 2013/054879	
(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 pertains to a microporous film formed from cellulose fibres the cellulose fibres of the microporous film being obtained from a mixture which is more than 50 wt% (1) first raw material cellulose fibres having a surface area of 250m/g 500m/g measured by means of Congo red dye and less than 50 wt% (2) second raw material cellulose fibres having a surface area of 150m/g 250m/g measured by means of Congo red dye. The microporous film enables the low cost provision of a separator for an electrochemical element having excellent properties.

No. of Pages : 43 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FREQUENCY DEPENDENT DAMPER AND ROTARY WING SYSTEM (51) International classification :B64C27/51,F16F9/20 (71)Name of Applicant : (31) Priority Document No 1)LORD CORPORATION :61/419794 (32) Priority Date Address of Applicant :111 Lord Drive Attn: IP Legal Dept. :03/12/2010 (33) Name of priority country 111 Lord Drive Cary North Carolina 27511 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/062806 (72)Name of Inventor : **1)FUHRER Zachary** Filing Date :01/12/2011 (87) International Publication No :WO 2012/075236 2)JOLLY Mark (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A frequency dependent damper (10) for creating a damping force in response to a variable frequency disturbance includes an outer damper body (12) having an internal cavity (16) an inner damper body (14) for receiving the variable frequency disturbance extending into the internal cavity a first fluid chamber (46) and a second fluid chamber (48) defined inside the internal cavity a piston (44) separating the first and second fluid chambers a selected orifice (39) for transferring fluid between the first and second fluid chambers and a selected spring element (54) arranged serially between the piston and the inner damper body such that the piston can move relative to the inner damper body through deformation of the spring element.

No. of Pages : 36 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

(51) International classification (31) Priority Document No	:C25B ·10/684 932	(71)Name of Applicant : 1)Advanced Technology Materials, Inc.
(32) Priority Date(33) Name of priority country	:14/10/2003 :U.S.A	Address of Applicant :7 Commerce Drive, Danbury, Connecticut 06810 United States of America
(86) International Application No Filing Date	:PCT/US2004/032997 :07/10/2004	(72)Name of Inventor : 1)ZAMBAUX Jean-Pascal
(87) International Publication No	: NA	1)EAWDAOA, Scall-1 ascal
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:1917/DELNP/2006 :07/04/2006	

(54) Title of the invention : A FLEXIBLE MIXING BAG FOR MIXING SOLIDS, LIQUIDS, AND GASES

(57) Abstract :

In an embodiment, an apparatus includes a disposable and flexible mixing tank having a sealed sleeve therein for arrangement of a mixing device. The volume of the mixing tank is defined by an inner wall of the mixing tank and an inner wall of the sleeve. The mixing tank may be used to mix, store, reconstitute and/or dispense materials therein.

No. of Pages : 34 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADJUVANTS FOR INSECTICIDES		
 (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 	:A01N25/30 :61/422352 :13/12/2010 :U.S.A. :PCT/EP2011/072263 :09/12/2011 :WO 2012/080099	 (71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)HAZEN James Lyle 2)SUN Jinvia Susan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to additives enhancing the activity of certain insecticides to significantly increase the effect of such insecticides when applied to the exterior foliage of a plant thus increasing the kill rate of feeding insects that are normally protected deep within other tissue structures of the plant.

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PREPARING ANTISTATIC UV CURABLE HARDCOATINGS ON OPTICAL ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:C09D5/24,C09D4/00,C09D183/06 :NA :NA :NA	 (71)Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DOPTIQUE) Address of Applicant :147 rue de Paris F 94220 Charenton le Pont France (72)Name of Inventor :
No Filing Date	:PC1/US2011/020111 :04/01/2011	1)VALERI Robert
(87) International Publication No	:WO 2012/093995	
(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 is drawn to a method for manufacturing antistatic UV cured hard coatings on optical articles comprising (a) coating an organic or mineral optical substrate with an essentially anhydrous solution containing from 20 % to 90 % by weight relative to the total dry matter of the solution of at least one non hydrolyzed epoxyalkyltrialkoxysilane and at least 3.2 % by weight relative to the total dry matter of the solution of at least one photoinitiator selected from the group consisting of triarylsulfonium salts diaryliodonium salts and mixtures thereof (b) curing the resulting coating by irradiation with UV radiation said method not comprising any hydrolysis step before the UV curing step.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SEED TREATMENT FACILITIES METHODS AND 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 	:G06Q50/02,A01C1/00,G06K17/00 :61/421030 :08/12/2010 :U.S.A. :PCT/US2011/064015 :08/12/2011 :WO 2012/078918 :NA :NA	 (71)Name of Applicant : 1)BAYER CROPSCIENCE LP Address of Applicant :2 T.W. Alexander Drive Room 1115 P.O. Box 12014 Research Triangle Park NC 27709 U.S.A. (72)Name of Inventor : 1)REINECCIUS Greg A. 2)VAN DER WESTHUIZEN Jaco Ernest 3)GEISS Alan W. 4)MAY Bradley W. 5)RAMANARAYANAN Tharacad S. 6)ANDRIEUX Marc Jean marie
Filing Date	:NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A seed treatment system having a central computerized data store a user interface and network connections from the data store to a plurality of retail facilities and a plurality of agricultural produce suppliers. Each retail facility having a seed treatment system configured to uniformly treat batches of seeds with any of a variety of precisely measured chemical formulations. The seed treatment apparatus having a treatment applicator coupled to a plurality of dispensing stations. Each dispensing station having a pump in fluid communication with a container disposed on a scale. The pump and scale of each dispensing station coupled to a system controller. The system controller is coupled to the data store configured to provide on demand agricultural seed treatments to the applicator and chemical usage data from each station to the data store. The data store configured to provide centralized remote monitoring inventory control supply chain monitoring and container recycling compliance.

No. of Pages : 104 No. of Claims : 87

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : RETAIL POINT SEED TREATMENT SYSTEMS AND METHODS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:G06Q50/02,A01C1/00,G06K17/00 :61/421030 :08/12/2010	 (71)Name of Applicant : 1)BAYER CROPSCIENCE LP Address of Applicant :2 T.W. Alexander Drive Room 1115 P.O. Box 12014 Research Triangle Park NC 27709 U.S.A.
(33) Name of priority country(86) International ApplicationNoFiling Date	:0.S.A. :PCT/US2011/064030 :08/12/2011	 (72)Name of Inventor : 1)REINECCIUS Greg A. 2)VAN DER WESTHUIZEN Jaco Ernest 3)GEISS Alan W.
(87) International Publication No	:WO 2012/078928	4)MAY Bradley W. 5)RAMANARAYANAN Tharacad S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)ANDRIEUX Marc Jean marie
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An automated seed treatment system is adapted for on site operation at a retail seed distributor. A sealed seed treater vessel is configured to apply a plurality of chemical treatments to a batch of seed based on a seed treatment recipe. A programmable system controller is electrically coupled to a pump controller of each of a plurality of pump stations. The programmable system controller is configured to receive a material transfer indication from each of the plurality of pump stations and issue commands to the pump controller of each pump station in response to the seed treatment recipe. The programmable system controller is configured to collect operational data representing at least consumption of chemical from the chemical container at each of the pump stations based on the corresponding material transfer indication during seed treatment and to provide the operational data to a remotely hosted information system located remotely from the site of the retail seed distributor and accessible to at least one third party that is distinct from the retail seed distributor.

No. of Pages : 79 No. of Claims : 83

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INSULATED METAL SUBSTRATE

 (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 	:C25D5/18,C25D11/00,C25D11/04 :1102174.8 :08/02/2011 :U.K. :PCT/GB2012/050269 :07/02/2012 :WO 2012/107755 :NA :NA	 (71)Name of Applicant : 1)CAMBRIDGE NANOTHERM LIMITED Address of Applicant :3b Homefield Road Haverhill Suffolk CB9 8QP U.K. (72)Name of Inventor : 1)SHASHKOV Pavel 2)KHOMUTOV Gennady 3)YEROKHIN Aleksey 4)USOV Sergey
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An insulated metal substrate (IMS) for supporting a device comprises a metallic substrate having a ceramic coating formed at least in part by oxidation of a portion of the surface of the metallic substrate. The ceramic coating has a dielectric strength of greater than 50 KV mmand a thermal conductivity of greater than 5 WmK.

No. of Pages : 36 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

 (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 	:B65D33/16 :PCT/CN2011/000038 :10/01/2011 :China :PCT/CN2011/002016 :02/12/2011 :WO 2012/094791 :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)BHATTACHARJEE Gautam 2)MA Zhe
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(54) Title of the invention : POUCH HAVING CONCAVELY CURVED CORNERS

(57) Abstract :

A pouch (100) has a sheet (120) containing at least one layer of a film material. The sheet forms a tube (142) that is closed with a seal (122) to form a volume (144). The seal (122) contains a first edge (128) and the sheet contains a second edge (130) in connected relation to the first edge (128). A curved seal (132) joins the first edge (128) with the second edge (130). A sealing jaw (150) and a method for forming such a pouch are also described.

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

(21) Application No.6008/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MIXED SOLUTION PRODUCTION DEVICE AND MIXED SOLUTION PREPARATION 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 	:B01J23/30,B01D24/00,B01D29/00 :2011017937 :31/01/2011 :Japan :PCT/JP2012/052122 :31/01/2012 :WO 2012/105543 :NA :NA	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)ISHII Yusuke 2)KATO Takaaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus for producing a mixed solution, comprising a mixing vessel for preparing an aqueous mixed solution containing a dicarboxylic acid and a Nb compound and a filter for the aqueous mixed solution connected to the mixing vessel via a pipe, the mixing vessel being anticorrosive and equipped with a stirring unit, a heating unit and a cooling unit for the aqueous mixed solution, wherein the aqueous mixed solution prepared in the mixing vessel is fed to the filter via the pipe and filtered in the filter under increased pressure.

No. of Pages : 81 No. of Claims : 15

(22) Date of filing of Application :04/07/2013

(54) Title of the invention : PROTEASE ACTIVATED RECEPTOR 2 (PAR2) ANTAGONISTS

 (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 (62) Divisional to Application Number Filing Date 	:C07D207/06,C07D211/16,C07D211/18 :1101517.9 :28/01/2011 :U.K. :PCT/GB2012/050177 :27/01/2012 :WO 2012/101453 O':NA :NA :NA	 (71)Name of Applicant : 1)PROXIMAGEN LTD. Address of Applicant :3rd Floor 91 93 Farringdon Road London Greater London EC1M 3LN U.K. (72)Name of Inventor : 1)BOYD Joe William 2)MEO Paul 3)HIGGINBOTTOM Michael 4)SIMPSON Iain 5)MOUNTFORD David Mark 6)SAVORY Edward Daniel
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(57) Abstract :

A compound of formula (I) or a pharmaceutically acceptable salt solvate hydrate thereof (I) Wherein Y Z R U R m and n are as defined in the claims.

No. of Pages : 78 No. of Claims : 25

(21) Application No.5985/DELNP/2013 A

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 05/12/2014

 (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 	:H04W72/12 :61/430594 :07/01/2011 :U.S.A. :PCT/EP2012/050141 :05/01/2012 :WO 2012/093156 :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)WU Chunli 2)SEBIRE Benoist Pierre
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CHANNEL QUALITY INDICATOR REPORTING

(57) Abstract :

(19) INDIA

A method computer program and apparatus operate when resuming data transmission/reception upon activation of a serving cell or after a long in device coexistence interference avoidance gap to determine whether to report to a network access node an in device coexistence interference indicator value and send the in device coexistence interference indicator value to the network access node.

No. of Pages : 44 No. of Claims : 22

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PUMPING DEVICE FOR SUPPLYING AN EXHAUST GAS AFTERTREAMENT SYSTEM OF AN INTERNAL COMBUSTION ENGINE WITH A REDUCTANT AND METHOD

(51) International classification(31) Priority Document No	:F01N3/20,F04B17/03,F04B23/04 :10 2011 002 425.5	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date	:04/01/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No Filing Date	:PCT/EP2011/074062 :27/12/2011	(72)Name of Inventor :1)ULRICH Markus2)WALETZEK Christoph
(87) International Publication No	:WO 2012/093051	
(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 pumping device (20) for supplying an exhaust gas aftertreament system (10) of an internal combustion engine with a reductant (14) in particular with a urea water solution in order to reduce nitrogen oxides (NOx) in the exhaust gas flow of the internal combustion engine comprising a motor (32) for driving two pumps (22 24). According to the invention the first pump (22) is connected to the motor (32) by means of a first coupling and the second pump (24) is connected to the motor by means of a second coupling. In a preferred embodiment the couplings are designed as freewheel couplings (26 28) acting in opposite directions so that a switch between a pumping state and a suck back state can be made by simply reversing the direction of rotation of the motor (32).

No. of Pages : 21 No. of Claims : 10

(21) Application No.5802/DELNP/2013 A

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR DISTRIBUTING FLUIDS IN EXHAUST SYSTEMS

(57) Abstract :

A device for distributing fluids in particular a water urea mixture or a liquid fuel in exhaust systems of an internal combustion engine comprises an injection device which issues into the exhaust tract in particular upstream of a so called SCR catalytic converter. A combination of a multiplicity of individual measures is provided for attaining uniform mixing of the fluids with the exhaust gas and complete evaporation of the fluids in the exhaust gas. The individual measures include at least one swirl generating device and/or at least one mixing device preferably at least one catalytic converter and an injection nozzle of the injection device said injection nozzle being arranged at a predefined distance from a wall of the exhaust tract.

No. of Pages : 32 No. of Claims : 23

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHODS FOR REDUCING THE INCIDENCE OF OXIDATIVE STRESS USING HUMAN MILK OLIGOSACCHARIDES VITAMIN C AND ANTI INFLAMMATORY AGENTS

(51) International classification	:A61K31/7016,A61K31/702,A61P39/06	(71)Name of Applicant : 1)ABBOTT LABORATORIES
(31) Priority Document No	:61/428863	Address of Applicant :100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A.
(32) Priority Date	:31/12/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)DAVIS Steven R. 2)BUCK Rachael
(86) International Application No Filing Date	:PCT/US2011/067028 :22/12/2011	3)DUSKA MCEWEN Geralyn O.
(87) International Publication No	:WO 2012/092159	
(61) Patent of Addition to	٠NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are methods of reducing the incidence of oxidative stress in infants toddlers and children using nutritional compositions including human milk oligosaccharides. The nutritional compositions including the human milk oligosaccharides are effective at reducing inflammation and the incidence of inflammatory diseases.

No. of Pages : 61 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/06/2013

(54) Title of the invention · DRILL ENTRY SHEET

(43) Publication Date : 05/12/2014

	511221	
(51) International classification	:H05K3/00,B26F1/16	(71)Name of Applicant :
(31) Priority Document No	:2011002253	1)MITSUBISHI GAS CHEMICAL COMPANY INC.
(32) Priority Date	:07/01/2011	Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008324 Japan
(86) International Application No	:PCT/JP2012/000043	(72)Name of Inventor :
Filing Date	:05/01/2012	1)MATSUYAMA Yousuke
(87) International Publication No	:WO 2012/093660	2)SUGIMOTO Noriaki
(61) Patent of Addition to Application	·NA	3)KAMEI Takayuki
Number	·NA	4)HASAKI Takuya
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an drill entry sheet which compared with conventional drill entry sheets has an excellent lubricating effect low hole wall roughness and excellent hole placement accuracy. In the disclosed drill sheet a layer comprising a resin composition is formed on at least one side of a metal support foil. The aforementioned resin composition is mixed with a specific polyethylene glycol/polypropylene glycol block copolymer and a water soluble resin containing polyethylene oxide in a specific ratio and the thickness of the aforementioned resin composition layer is in the range of 0.02 0.2mm.

No. of Pages : 27 No. of Claims : 26

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING UNSATURATED NITRILE

 (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 (2) Divisional to 	:C07C253/24,B01J23/88,C07C255/08 :2011005048 :13/01/2011 :Japan :PCT/JP2012/050561 :13/01/2012 :WO 2012/096367 :NA :NA	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)TATENO Eri 2)TAMURA Sho 3)KATO Takaaki 4)SHOJI Sadao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for producing an unsaturated nitrile by an ammoxidation reaction of propane which comprises: a step wherein at least one physical property value which is selected from the group consisting of the normalized UV value and the reduction rate of a catalyst contained in a reactor is measured; and a step wherein the reaction conditions are maintained or changed in accordance with the measured physical property value.

No. of Pages : 173 No. of Claims : 13

(21) Application No.5828/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

 (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 	:B65D65/02 :12/979649 :28/12/2010 :U.S.A. :PCT/US2011/061618 :21/11/2011 :WO 2012/091822 :NA :NA	 (71)Name of Applicant : 1)INTERNATIONAL PAPER COMPANY Address of Applicant :6400 Poplar Avenue Memphis TN 38197 U.S.A. (72)Name of Inventor : 1)ANDERSON Dennis W. 2)EWING Patricia L.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : FILM FOR WRAPPING METHODS OF MAKING AND USING

(57) Abstract :

One embodiment of a wrapping film comprises a polymer film having on at least one surface thereof at least one sealing area comprising at least one varnished area; and a plurality of individual unvarnished areas; wherein within the sealing area the area ratio of the unvarnished areas to the varnished area (PV:V) is = 1; and wherein within the sealing area the largest individual unvarnished area is = 30 mm. Other embodiments are described.

No. of Pages : 39 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROTECTIVE CIRCUIT IN A SCREEN WIPER DRIVE AND SCREEN WIPER DRIVE

(51) International classification	:B60S1/08,H02H7/08	(71)Name of Applicant :
(31) Priority Document No	:10 2010 056 361.7	1)VALEO SYST [^] MES DESSUYAGE
(32) Priority Date	:29/12/2010	Address of Applicant :8 rue Louis Lormand F 78321 La
(33) Name of priority country	:Germany	Verri [°] re France
(86) International Application No	:PCT/EP2011/072151	(72)Name of Inventor :
Filing Date	:08/12/2011	1)ROMMEL Marco
(87) International Publication No	:WO 2012/089480	2)KIERSTEN Peter
(61) Patent of Addition to Application	·NA	3)SCHUBERT Armin
Number	.1171	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to a protective circuit (10) in a screen wiper drive (1) consisting of a parallel circuit having two circuit elements (16 17) wherein one circuit element (16) consists of a capacitor (18) and the other circuit element (17) consists of a series connection of a diode (19) and a Zener diode (20) wherein the forward direction of the diode (19) and the Zener diode (20) is different and the Zener diode (20) inhibits in the direction of a plus pole.

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

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :A47K10/18 (71)Name of Applicant : (31) Priority Document No **1)SCA HYGIENE PRODUCTS AB** :NA (32) Priority Date Address of Applicant :S 405 03 Gteborg Sweden :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No 1)NORDLUND Cecilia :PCT/SE2010/051448 2)SPORRE THORBURN Annie Filing Date :21/12/2010 (87) International Publication No :WO 2012/087202 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : DISPENSING SYSTEM COMPRISING HOLDER AND DISPENSING PACKAGE

(57) Abstract :

A dispensing system comprising a holder (1) and a package (20) of wipes (30) the holder (1) being adapted to hold the package (20) and comprise means (11) for attaching the holder (1) to a surface. The holder (1) has a front portion (3) a rear portion (4) and side portions (5) connecting the front and rear portions (3 4) and the package (20) has a front wall (21) with a dispensing opening (22) a rear wall (23) opposite the front wall (21) two opposing side walls (24) and two opposing end walls (26). The front portion (3) of the holder (1) comprises first and second holder parts (6 7) extending in a length direction (L) of the holder (1) and being spaced apart in a width direction (W) of the holder (1) with a gap (G) between the holder parts (6 7). The holder parts (6 7) are resiliently movable between a holding position and a loading position the gap (G) being smaller in the holding position than in the loading position. The rear portion (4) of the holder (1) and the rear wall (23) of the package (20) comprise mating fastener means (15a 15b) for attaching the package (20) to the holder (1).

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WIRE INLET 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 	:B23K9/32 :A 519/2011 :12/04/2011 :Austria :PCT/AT2012/000081 :28/03/2012 :WO 2012/139144 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FRONIUS INTERNATIONAL GMBH Address of Applicant :Vorchdorfer Strae 40 A 4643 Pettenbach Austria (72)Name of Inventor : 1)FRLINGER Johannes 2)OBERNDORFER Klaus 3)PLATZER Stefan 	

(57) Abstract :

The invention relates to a wire inlet nozzle (27) for fastening in a coupling (29) of a hose assembly (21) comprising a wire inlet element (32) and a fastening means (31) for a wire core (26) for guiding a welding wire (9) wherein a main body is formed between the wire inlet element (32) and the fastening means (31) and a cavity (56) is formed in the wire inlet element (32) in which cavity at least one sealing element (57) having an axial opening (59) for guiding the welding wire (9) is arranged. In order to prevent an escape of the protective gas in the wire inlet nozzle (27) in a direction opposite the main conveying direction of the welding wire (9) the main body forms a first part (54) of the wire inlet element (32) and a second part (55) of the wire inlet element (32) can be detachably connected to the first part (54) and the main body is designed as a separating plane for independently fastening the wire core (26) and the sealing element (57).

No. of Pages : 24 No. of Claims : 7

(21) Application No.5806/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MICROPOROUS MEMBRANE AND MANUFACTURING METHOD THEREFOR			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01M2/16 :2011226270 :13/10/2011 :Japan :PCT/JP2012/076483 :12/10/2012	 (71)Name of Applicant : 1)TOKUSHU TOKAI PAPER CO. LTD. Address of Applicant :4379 Mukaijima cho Shimada shi Shizuoka 4278510 Japan (72)Name of Inventor : 1)IMAL Masanori 	
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/054899 :NA :NA :NA	2)NEMOTO Satoshi	
Filing Date	:NA		

(57) Abstract :

The present invention relates to a microporous membrane comprising cellulose fibers. After redispersing said cellulose fibers using the defibration method for plain paper specimens in JIS P 8120 the surface area of said redispersed cellulose fibers as measured by congo red staining is between 100 and 300 m/g inclusive. This microporous membrane makes it possible to inexpensively provide a separator for use in an electrochemical element said separator having excellent characteristics.

No. of Pages : 39 No. of Claims : 14

(21) Application No.5745/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR REMOVING EXUDATES FROM A WOUND SITE (51) International classification :A61M27/00 (71)Name of Applicant : (31) Priority Document No 1)CONVATEC TECHNOLOGIES INC. :61/421012 Address of Applicant :3993 Howard Hughes Parkway Suite (32) Priority Date :08/12/2010 (33) Name of priority country 250 Las Vegas NV 89169 6754 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/063686 (72)Name of Inventor : 1)TOTH Landy Filing Date :07/12/2011 (87) International Publication No :WO 2012/078723 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus (10) for controlling flow of fluid from a wound site of a patient may include a chamber (28) connectable to a wound site and a reservoir (16). The chamber (28) may have a first deformed state and a second state in which it is not deformed or less deformed than in the first state. The chamber (28) may be adapted to manage fluid flow between the wound site and the reservoir (16) during transition of the chamber (28) between the first state and the second state. An actuator element (64) of the apparatus (10) may be adapted to operate on the chamber (28) to transition the chamber (28) from the second state to the first state.

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

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHODS FOR CONTROLLING WIND TURBINE

(57) Abstract :

A method of operating a wind turbine is provided. The wind turbine includes a rotor that is rotatably coupled to a generator that is positioned within a nacelle. The rotor includes one or more rotor blades that are coupled to a hub. The method includes transmitting from a first sensor to a control system at least a first monitoring signal indicative of a first wind condition at a first distance from the wind turbine. A second sensor transmits at least a second monitoring signal that is indicative of a second wind condition at a second distance from the wind turbine that is longer than the first distance to the control system. The control system calculates a wind turbine operating command based at least in part on the first monitoring signal and the second monitoring signal. One or more wind turbine components are operated based on the calculated wind turbine operating command.

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

(21) Application No.5747/DELNP/2013 A

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LOW EQUIVALENT CIRCULATION DENSITY SETTING 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 	:E21B34/14,E21B44/00,E21B41/00 :12/985907 :06/01/2011 :U.S.A. :PCT/US2011/067379 :27/12/2011 :WO 2012/094194 :NA :NA	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston Texas 77072 U.S.A. (72)Name of Inventor : 1)WATSON Brock 2)MOELLER Daniel 3)MILLER Kevin J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A downhole oilfield tool assembly is provided. The tool assembly comprises a mandrel a valve oriented to block downwards flow through the mandrel in a closed position a first piston located above the valve and at least partly around an outside of the mandrel. The first piston is configured to develop motive force from a pressure differential between an interior of the mandrel and an exterior of the downhole oilfield tool assembly.

No. of Pages : 42 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SELF SEALING DRESSING		
 (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 	:A61F13/02 :61/420997 :08/12/2010 :U.S.A. :PCT/US2011/063648 :07/12/2011 :WO 2012/078707	 (71)Name of Applicant : 1)CONVATEC TECHNOLOGIES INC. Address of Applicant :3993 Howard Hughes Parkway Suite 250 Las Vegas NV 89169 6754 U.S.A. (72)Name of Inventor : 1)TOTH Landy
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A self sealing dressing (10) for application to skin of a human may include a substrate (12) including elastomeric material and a cold flow adhesive layer (18) coupled to the substrate. The adhesive layer (18) may be adapted to adhere to skin of a human to form a substantially gas impermeable seal between the adhesive layer (18) and the skin that is maintained during repeated flexure and/or extension of the dressing. A maximum thickness of the combination of the substrate (12) and the adhesive layer (18) may be about 25 um.

No. of Pages : 18 No. of Claims : 15

(21) Application No.5749/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 05/12/2014

 (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 	:G06F17/30 :NA :NA :NA :PCT/SE2011/050212 :24/02/2011 :WO 2012/115550 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)GEORGAKIS Apostolos 2)S-DERBERG Joakim
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD AND SERVER FOR MEDIA CLASSIFICATION

(57) Abstract :

The embodiments of the present invention relates to a method and system for classifying media. The classification is achieved by using annotation ontolgies and by associating bottom level concepts of the annotation ontology tree with explanatory representation data of a selected representation domain and then comparing the explanatory representation data with transformation of the media in the selected representation domain. In this way tags can be generated which corresponds to bottom level concepts of the ontology tree which corresponds to explanatory representation data which can be found in the transformed media.

No. of Pages : 25 No. of Claims : 16

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL CELL POWER PLANT 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 (62) Divisional to Application Number Filing Date 	:G05F1/66,G05F1/565,G05F1/10 :NA :NA :NA :PCT/US2011/030242 :29/03/2011 o:WO 2012/134442 :NA :NA :NA	 (71)Name of Applicant : 1)UTC POWER CORPORATION Address of Applicant :195 Governors Highway South Windsor Connecticut 06074 U.S.A. (72)Name of Inventor : 1)ONEILL Jonathan Daniel 2)PATTERSON JR. Timothy W.
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(57) Abstract :

An example method of controlling a fuel cell power plant based on provided power includes selectively varying an electrical resistance of the variable resistive device responsive to at least one of a power provided by the fuel cell power plant a current provided by the fuel cell power plant or a voltage decay rate.

No. of Pages : 12 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(51) International classification :E01C23/16 (71)Name of Applicant : (31) Priority Document No 1)GRACO MINNESOTA INC. :61/434055 (32) Priority Date Address of Applicant :88 11th Avenue NE Minneapolis :19/01/2011 (33) Name of priority country Minnesota 55413 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/021838 (72)Name of Inventor : 1)TRIPLETT Thomas L. Filing Date :19/01/2012 (87) International Publication No :WO 2012/100029 2)FREDRICKSON Steven H. (61) Patent of Addition to Application 3)DAWSON Charles W. :NA Number 4)LINS Christopher A. :NA Filing Date 5)MATTSON Barry W. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : THERMOPLASTIC DIE BOX WITH QUICK HEIGHT ADJUSTMENT MECHANISM

(57) Abstract :

A screed die box includes a screed die bucket a screed die box gate a screed die box lever a screed plate and a positioning member. The screed die box gas is slidably connected at the bottom of the screed die bucket. The screed die box lever is rotatably connected to the screed die bucket and the screed die box gate for sliding the screed die box gate between an open position and a closed position. The screed plate is slidably connected along an aft side of the screed die bucket and includes a positioning aperture. The positioning member is located in the screed die bucket and engages the screed plate the positioning member sliding the screed plate as the positioning member is rotated.

No. of Pages : 24 No. of Claims : 20
(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STARTER DEVICE WITH NOISE DAMPED ENGAGEMENT ACTUATOR

 (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 	:F02N15/06,H01H50/30 :102011003184.7 :26/01/2011 :Germany :PCT/EP2012/051140 :25/01/2012 :WO 2012/101172 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)VENKATASUBRAMANIAM Balasubramaniam
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(57) Abstract :

The invention relates to a starter device (10) for starting internal combustion engines. The starter device (10) comprises a starter motor (13) and an engagement actuator (16). The latter comprises an armature (168) and an armature return (171). A restraining device (202) from the point when a residual travel (214) is achieved brales the armature (169) with respect to the armature (171) is

(203) from the point when a residual travel (214) is achieved brakes the armature (168) with respect to the armature return (171) is provided on the armature (168).

No. of Pages : 17 No. of Claims : 9

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2452/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ABYSSAL SEQUESTRATION OF NUCLEAR WASTE AND OTHER TYPES OF HAZARDOUS WASTE

(51) International classification	:G21F9/24,G21F9/34	(71)Name of Applicant :
(31) Priority Document No	:61/502557	1)GRAND DIRECTIONS LLC
(32) Priority Date	:29/06/2011	Address of Applicant :2448 East 81st Suite 4040 Tulsa OK
(33) Name of priority country	:U.S.A.	74137 U.S.A.
(86) International Application No	:PCT/US2012/045084	(72)Name of Inventor :
Filing Date	:29/06/2012	1)MURDOCH Lawrence C.
(87) International Publication No	:WO 2013/003796	2)ROBINOWITZ Marvin
(61) Patent of Addition to Application	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method of disposing nuclear waste and other hazardous waste includes means for and the steps of blending a waste stream which includes either a radioactive waste or a hazardous waste (or both) with a liquid and optionally a solid material to produce a dense fluid and pumping the dense fluid into a tubing string of an injection boring. The dense fluid then exits a perforation in a casing of the injection boring and enters a fracture in a rock strata where it continues to propagate downward until it reaches an immobilization point. The dense fluid may be a slurry formed by a metal and a cross linked polymer gel or hydrated clay slurry. The metal can be one that has a melting temperature less than the temperature at the bottom of the injection boring. The solid material could also be other nuclear waste or a radionuclide.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A POWER MANAGEMENT SYSTEM AND METHOD FOR OPTIMIZING FUEL CONSUMPTION (51) International classification :H02J9/06 (71)Name of Applicant : 1) REGEN TECHNOLOGIES PTY LTD (31) Priority Document No :NA (32) Priority Date Address of Applicant :23 Darian Drive Willetton Western :NA (33) Name of priority country Australia 6155 AUSTRALIA. :NA :PCT/AU2011/001068 (72)Name of Inventor: (86) International Application No Filing Date :19/08/2011 1)NAYAR Chemmangot Velayudhan (87) International Publication No :WO 2013/026082 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present disclosure describes embodiments of an efficient power management system and method for fuel efficiency. The power management system comprises an energy storage unit at least one renewable energy resource a controller and an engine. The engine is configured to operate at varying speeds to provide mechanical energy to a variable speed DC generator to generate power to charge up the energy storage unit. The speed of the engine is varied in response to a speed reference determined by the controller.

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

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ACOUSTIC TRANSFORMATION

		(71)Name of Applicant :
(51) International classification	:G10L21/02,G10H1/02	1)RUDZICZ Frank
(31) Priority Document No	:61/511275	Address of Applicant :215 20 Elsie Lane Toronto Ontario
(32) Priority Date	:25/07/2011	M6P 3N9 Canada.
(33) Name of priority country	:U.S.A.	2)HIRST Graeme John
(86) International Application No	:PCT/CA2012/050502	3)VAN LIESHOUT Pascal Hubert Henri Marie
Filing Date	:25/07/2012	4)PENN Gerald Bradley
(87) International Publication No	:WO 2013/013319	5)SHEIN Graham Fraser
(61) Patent of Addition to Application	•N A	(72)Name of Inventor :
Number		1)RUDZICZ Frank
Filing Date	INA	2)HIRST Graeme John
(62) Divisional to Application Number	:NA	3)VAN LIESHOUT Pascal Hubert Henri Marie
Filing Date	:NA	4)PENN Gerald Bradley
-		5)SHEIN Graham Fraser

(57) Abstract :

An acoustic transformation system and method. A specific embodiment is the transformation of acoustic speech signals produced by speakers with speech disabilities in order to make those utterances more intelligible to typical listeners. These modifications include the correction of tempo or rhythm the adjustment of formant frequencies in sonorants the removal or adjustment of aberrant voicing the deletion of phoneme insertion errors and the replacement of erroneously dropped phonemes. These methods may also be applied to general correction of musical or acoustic sequences.

No. of Pages : 22 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : GLOBALLY OPTIMUM TRADING POSITIONS FOR MULTI-ASSET OPTIONS

(51) International classification	:G06O10/00	(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, 400021, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHELLABOINA, Dr. Vijaysekhar
(87) International Publication No	: NA	2)SUBRAMANIAN, Dr. Easwara Naga
(61) Patent of Addition to Application Number	:NA	3)BHAT, Sanjay Purushottam
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A trading position evaluation system (102) for evaluating trading positions that are globally optimum for a path-independent multiasset European Contingent Claim (ECC) includes an option price determination module (216) configured to determine a current option price matrix, a shifted option price matrix, and a normalized conditional variance matrix associated with underlying assets of the ECC at a trading time instance amongst a plurality of trading time instances obtained from a trader, based on ECC data (110) and market data (114). Based on the current option price matrix, the shifted option price matrix, and the normalized conditional variance matrix, a position evaluation module (116) evaluates a trading position in each of the underlying assets at the trading time instance that minimizes global variance of profit and loss to the trader.

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

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSACTION BASED PRICING

(51) International classification	:G06Q30/00,	(71)Name of Applicant :
(31) Priority Document No	G06Q50/00 :NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, 400021, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KOLIYOOR, Naveen
Filing Date	:NA	2)MAHAMUNE, Nitin Anant
(87) International Publication No	: NA	3)AGARWAL, Rajesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for transaction based pricing are described. The method comprises defining one or more transactions which include at least one sub-process. Further, units per transaction for each of the at least one sub-process is identified based on requirement data (110). Thereafter, a process complexity is assigned to the each of the at least one sub-process based on a complexity score computed for the each of the at least one sub-process. Further, a process based on the process based on the process complexity assigned to the each of the at least one sub-process. Further, estimated efforts for performing the one or more transactions are ascertained based on the processing time obtained for the each of the at least one sub-process. Furthermore, pricing for each of the one or more transactions is identified based on the estimated efforts.

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

(19) INDIA

(22) Date of filing of Application :27/12/2012

(54) Title of the invention : INFORMATION GATEWAY FOR DATA EXCHANGE

	·G06010/00	(71)Name of Applicant ·
(51) International classification	G06Q50/00	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
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHERUSSERI, Suresh
Filing Date	:NA	2)NAIR, Krishnakumar Gopinadhan
(87) International Publication No	: NA	3)THOMAS, Jerry
(61) Patent of Addition to Application Number	:NA	4)MISHRA, Satya
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for facilitating data exchange between various applications through an information gateway are described herein. In one implementation, a method for data exchange comprises sending a plurality of service details of a provider application to a requester application, from an application registry. A request message is received from the requester application based on the service details. The request message is transformed into a message format compatible with the provider application, based on the application registry, when an original message format of the request message is not compatible with the provider application. Further, the transformed request message is sent to the provider application.

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

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PREFILLED SYRINGE CONTAINING ARTHEETHER

(51) International allossification	:A61K49/22,	(71)Name of Applicant :
(51) International classification	A61M3/00	1)AGRAWLA, Pawan
(31) Priority Document No	:NA	Address of Applicant :F 22, Akash Tower, Opp: Premchand
(32) Priority Date	:NA	Nagar, Judges Bunglows Road, Satellite, Ahmedabad, Gujarat
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)AGARWAL, Zameer
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGRAWLA, Pawan
(61) Patent of Addition to Application Number	:NA	2)AGARWAL, Zameer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a prefilled syringe containing Arteether which is cost effective and enables contamination free administration of Arteether. The drug Arteether can support bacterial growth if it gets contaminated. The Arteether is usually administered malaria related medications when infectious contaminants can lead to other health complications. The present syringe is prefilled and does not require filing the drug from vial and so there are no chances of Arteether getting contaminated. Hence the present syringe enables contamination free administration of Arteether. The vials are not required and hence the syringes are cost effective in terms of manufacture, handling, transport as well as disposal. In addition, medical wastage is also reduced as the vials are not at all required and further are not disposed after use; only the used up syringes are disposed as medical waste.

No. of Pages : 14 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PREFILLED LIGNOCAINE SYRINGE :A61K31/00, (71)Name of Applicant : (51) International classification 1)AGRAWAL, Pawan A61M5/19 Address of Applicant : F 22, Akash Tower, Opp: Premchand (31) Priority Document No :NA (32) Priority Date Nagar, Judges Bunglow Road, Satellite, Ahmedabad Gujarat India :NA 2)AGARWAL, Zameer (33) Name of priority country :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)AGRAWAL, Pawan (87) International Publication No : NA 2)AGARWAL, Zameer (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 a prefilled lignocaine syringe for preserving efficiency and aseptic drug delivery. The present syringe is prefilled and so the syringe itself contains lignocaine which does not require the said drug to be filled from vial. It makes it possible to avoid contamination adding to preservation of the drugTMs efficiency. Also the dosage is administered in exact quantity. Hence the drug can be aseptically delivered.

No. of Pages : 15 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TREATMENT OF VISUAL IMPAIRMENT

(51) International classification	:A61B3/08,A61F9/00,G02B27/00	(71)Name of Applicant :
(31) Priority Document No	:61/531630	1)IMPROVED VISION SYSTEMS (I.V.S.) LTD.
(32) Priority Date	:07/09/2011	Address of Applicant :18 Vatikim St. 40500 Even Yehuda
(33) Name of priority country	:U.S.A.	ISRAEL.
(86) International Application	DCT/II 2012/000205	(72)Name of Inventor :
No	.101/11/2012/000303	1)OZ Dan
Filing Date	.21/00/2012	
(87) International Publication	:WO 2013/035086	
No		
(61) Patent of Addition to	٠NA	
Application Number	·NA	
Filing Date	.11A	
(62) Divisional to Application	•NI A	
Number	.1N/A	
Filing Date	.11/1	

(57) Abstract :

Method and system for treating of visual impairment associated with misalignment between eyes of a patient is described. The invention allows to obtain electronically of an image of an object at which one eye of the patient is staring calculating angular deviation between staring direction of this eye and the second eye and displaying before the second eye the image after it has been electronically processed so as to correct the angular deviation and to obtain the image which would be perceptible by the brain as a single three dimensional stereoscopic image.

No. of Pages : 37 No. of Claims : 15

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND ASSEMBLY FOR PRODUCING A COMPOSITE CONSTRUCTION

 (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 	:B05D1/26,F24J2/46,G01N21/35 :11183828.0 :04/10/2011 :EPO :PCT/EP2012/068420 :19/09/2012 :WO 2013/050246	 (71)Name of Applicant : 1)SIKA TECHNOLOGY AG Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland (72)Name of Inventor : 1)BUCK 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 a method for producing a composite construction comprising a frame or tub shaped carrier part (T) and a plate (G; 7) inserted into the carrier part and adhesively bonded to the carrier part at the edges of the plate wherein adhesive (11) is progressively discharged into a recess (5) extending along the edge of the plate from an adhesive discharging device (H; 9) advanced along the edge of the plate which recess extends from an outer edge (1) lying outside of the projection of the plate onto the carrier part to an inner edge (3) lying within the projection wherein the course of the leading front (11a) of an adhesive layer (11) forming in the recess during the progressive adhesive discharge is detected by imaging or sensory means and evaluated and the advancing speed of the adhesive discharging device and/or the adhesive discharge amount per time unit is controlled according to the evaluation result.

No. of Pages : 19 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : RADIO BASE STATION; RADIO NETWORK CONTROLLER AND METHODS 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 Filing Date 	:H04B7/06 :61/539033 :26/09/2011 :U.S.A. :PCT/SE2012/050707 :25/06/2012 :WO 2013/048305 :NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)SHI Nianshan 	

(57) Abstract :

Embodiments herein relate to a method in a radio base station (12 12) for handling Uplink Closed Loop Transmit Diversity UL CLTD The radio base station (12 12) is configured to control UL CLTD of a user equipment (10) served by the radio base station (12 12). The radio base station receives from a radio network controller (15) an indication indicating removal of UL CLTD. The radio base station (12 12) then removes UL CLTD related operation for the user equipment (10) based on the received indication.

No. of Pages : 29 No. of Claims : 38

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PREVENTING SEAM RAVEL OF MULTI THREAD CHAIN STITCHES SEAM RAVEL PREVENTING APPARATUS FOR MULTI THREAD CHAIN STITCH SEWING MACHINE AND MULTI THREAD CHAIN STITCH SEAM STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D05B1/10,D05B65/02,D05B65/06 :2011-220511 :13/09/2011 :Japan :PCT/JP2012/073246 :05/09/2012	 (71)Name of Applicant : 1)YAMATO SEWING MACHINE MFG. CO. LTD. Address of Applicant :4 12 Nishi Temma 4 chome Kita ku Osaka shi Osaka 5300047 Japan (72)Name of Inventor : 1)HASHIMOTO Seiji
(87) International Publication	:WO 2013/039079	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A method for preventing seam ravel of multi thread chain stitches is provided. After normal sewing is terminated with a looper set in a forward movement state a state in which a needle thread loop caught by the looper is subjected to position holding at a position closer to a forward movement end of the looper than a descent position of a needle is maintained until the needle descends through the needle thread loop caught by the looper. Thereafter the position holding of the needle thread loop is released to permit a sewing action for at least one stitch thereby allowing the needle thread loop to be self looped with a needle thread held by the needle. This surely strongly prevents the seam ravel of multi thread chain stitches formed by the single needle irrespective of the dimension of tension applied to the needle thread and the looper thread.

No. of Pages : 92 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(51) International classification	:H04W48/04	(71)Name of Applicant :
(31) Priority Document No	:61/530328	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/09/2011	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/US2012/052868	(72)Name of Inventor :
Filing Date	:29/08/2012	1)BURKE John Michael
(87) International Publication No	:WO 2013/033218	
(61) Patent of Addition to Application	•NI A	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
6		

(54) Title of the invention : MEMS ACCELEROMETER AIRLINER TAKEOFF AND LANDING DETECTION

(57) Abstract :

Identifying an airliner motion event at a mobile device may utilize for example one or more accelerometers an acceleration feature extractor and a motion event identification processor. The one or more accelerometers may be configured to output calibrated triaxial accelerometer data. The acceleration feature extractor may be configured to determine scalar acceleration signals from the calibrated triaxial accelerometer data to filter the scalar acceleration signals to reduce high frequency noise and to process the filtered scalar acceleration signals to generate an acceleration spread waveform. The motion event identification processor may be configured to compare the acceleration spread waveform to one or more predetermined patterns characteristic of an airliner motion event and to identify an airliner motion event based on whether the comparing results in a substantial match.

No. of Pages : 31 No. of Claims : 33

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : SURFACE TREATMENT SOLUTION FOR ZINC OR ZINC ALLOY COATED STEEL SHEET AND ZINC OR ZINC ALLOY COATED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C23C22/60,C23C22/74	(71)Name of Applicant :
(31) Priority Document No	:2011-201174	1)JFE STEEL CORPORATION
(32) Priority Date	:14/09/2011	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2012/005792	(72)Name of Inventor :
Filing Date	:12/09/2012	1)KANEKO Rie
(87) International Publication No	:WO 2013/038663	2)MATSUDA Takeshi
(61) Patent of Addition to Application	·NA	3)MATSUZAKI Akira
Number	·NA	4)OSHIMA Yasuhide
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a zinc or zinc alloy coated steel sheet which as well as having excellent corrosion resistance and various excellent top coating properties also achieves an excellent balance of weldability conductivity and corrosion resistance without including a chromium compound. Also provided are a surface treatment solution and a manufacturing method for obtaining the zinc or zinc alloy coated steel sheet. A zinc or zinc alloy coated steel sheet characterised by comprising a surface treatment film deposited in an amount of 100 600mg/m per surface the film being obtained by coating a surface treatment solution on the surface of the zinc or zinc alloy coated steel sheet and drying by heat the surface treatment solution having a pH of 8 10 and being a mixture in a specific ratio of: a silane compound (A) having a hydrolyzable group and being obtained from a silane coupling agent (a1) having a glycidyl group a tetraalkoxysilane (a2) and a chelating agent (a3); a zirconium carbonate compound (B); a vanadic acid compound (C); a nitric acid compound (D); and water.

No. of Pages : 32 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

 (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 	:B28B 7/30,B28B21/44 :13/223349 :01/09/2011 :U.S.A. :PCT/US2012/053303 :31/08/2012 :WO 2013/033510 :NA :NA	 (71)Name of Applicant : 1)WATT FUEL CELL CORP. Address of Applicant :27 Seaview Boulevard Port Washington NY 11050 U.S.A. (72)Name of Inventor : 1)EMLEY Benjamin J. 2)FINNERTY Caine M.
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR PRODUCING TUBULAR CERAMIC STRUCTURES

(57) Abstract :

A process for producing tubular ceramic structures (11) is provided which comprises: a) rotating a mandrel spindle assembly (25) comprising a mandrel component (27) and a spindle component (23) the mandrel component (27) being a heat shrinkable polymeric tube the external surface of which corresponds to the internal surface of the tubular ceramic structure (11) to be produced and the internal surface of which defines a bore (51) the spindle component (23) being in close fitting but slidably removable contact therewith; b) applying a ceramic forming composition to the external surface of which is in contact with the external surface of the mandrel (27); c) removing the spindle (23) from the bore (51) of the mandrel (27) to provide a mandrel tubular ceramic structure assembly (40) in which the interior surface of the tubular ceramic structure (11) remains in contact with the external surface of the mandrel (27); and d) heat shrinking the mandrel component (27 56) of the mandrel tubular ceramic structure assembly (40) to cause the mandrel (27 56) to undergo shrinkage to a reduced size in which the external surface of the mandrel (56) separates from the interior surface of the tubular ceramic structure (11) facilitating removal of the mandrel (56) therefrom.

No. of Pages : 25 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :22/01/2013

(54) Title of the invention : STAND FOR SUPPORTING A VEHICLE		
(51) International classification	:B66F	(71)Name of Applicant :
(31) International classification	7/00	1)MAHINDRA TWO WHEELERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART),
(32) Priority Date	:NA	MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)EKAMBARAM MANSHA KUTTY
(87) International Publication No	: NA	2)BHARTHUAR OM PRAKASH
(61) Patent of Addition to Application Number	:NA	3)KAMALAPURKAR MANOJ
Filing Date	:NA	4)ABDUL VASEEM AKRAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a spring loaded stand 10 for supporting a vehicle in a parked condition on the ground. The stand 10 is mounted on a crankcase of an engine of the vehicle and is displaceable between a retracted configuration and an extended configuration in an un-parked condition and the parked condition. The stand 10 includes a load carrying link 12, a support link 13 and a cross link 18 disposed between the load carrying link 12 and the support link 13. An operating lever 24 enables displacing the load carrying link 12 and the support link 13 between the retracted condition and the extended condition. The load carrying link 12 has a cross-sectional area greater than the cross-sectional area of the support link 13, the cross link 18 and the operating lever 24.

No. of Pages : 20 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(51) International classification	:A23F3/14,A23F3/16	(71)Name of Applicant :
(31) Priority Document No	:2697/MUM/2011	1)UNILEVER PLC
(32) Priority Date	:23/09/2011	Address of Applicant : Unilever House 100 Victoria
(33) Name of priority country	:India	Embankment London Greater London EC4Y 0DY U.K.
(86) International Application No	:PCT/EP2012/066611	(72)Name of Inventor :
Filing Date	:27/08/2012	1)BASAVARAJU Lokesh
(87) International Publication No	:WO 2013/041329	2)GUTTAPADU Sreeramulu
(61) Patent of Addition to Application	٠NA	3)MUTAI Felix Kipkorir
Number	·NA	4)NARAYANAN Venkatraj Venkatrao
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A PROCESS FOR PREPARATION OF A TEA PRODUCT

(57) Abstract :

The present invention relates to a process of preparation of tea product with enhanced levels of theanine and low levels of aluminum. The present inventors have surprisingly found that selecting tea material with a particular shoot length during the rejuvenation stage after prunning and further processing it provides a tea product with significantly higher levels theanine and lower levels of aluminum. The present inventors have also found that additional treatment of this tea material with alkaline agent even further reduces the aluminum content.

No. of Pages : 17 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A FORWARD CARRIER ASSEMBLY WITH A REVERSIBLE INTER AXLE DIFFERENTIAL FOR A TANDEM AXLE VEHICLE A POWERTRAIN FOR A TANDEM AXLE VEHICLE AND A TANDEM AXLE VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No (87) International Publication Number (87) International Publ	60K17/36 A(71)Name of Applicant : 1)MACK TRUCKS INC. Address of Applicant :7900 National Service Road Greensboro NC 27400 U.S.A. (72)Name of Inventor : 1)KAHL Michael E.70 2013/0324771)KAHL Michael E.A A A4A A4	
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(57) Abstract :

A tandem axle vehicle includes a powertrain. The powertrain includes an input shaft a forward drive axle assembly including a forward differential and a rear drive axle assembly coupled to the forward drive axle assembly via a connecting driveshaft and including a rear carrier assembly including a rear differential. The forward carrier assembly includes an inter axle differential (IAD) the IAD including an IAD housing a differential spider including a plurality of legs attached to the IAD housing and a plurality of spider gears mounted on the legs a first side gear engaged with the spider gears on a first side of the spider and arranged to drive a shaft for driving the driveshaft and a second side gear engaged with the spider gears on a second side of the spider and arranged to drive the forward differential.

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

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM FOR HYDRO-DYNAMIC POLISHING

(51) International classification	:B24C1/08, B24C1/00	(71)Name of Applicant : 1)COLLEGE OF ENGINEERING, PUNE (COEP)
(31) Priority Document No	:NA	Address of Applicant :WELLESLY ROAD, SHIVAJI
(32) Priority Date	:NA	NAGAR, PUNE - 411005, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AHUJA BHARATKUMAR BHAGATRAJ
Filing Date	:NA	2)AMRUTKAR PURUSHOTTAM MADHUKAR
(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 hydro-dynamic polishing of a work-piece includes a machine tool having a spindle, a plate assembly, a holder and rotatable tool. The spindle rotates about its own axis and moves operatively vertically. The plate assembly is secured to the spindle and moves there-with. The plate assembly includes an operatively horizontal plate secured to the spindle and at least one plate angularly extending from the horizontal plate. The holder is disposed operatively below the plate assembly and includes a fixture for facilitating holding of a work piece therein. The holder receives abrasive slurry therein. The rotatable tool is secured to the at least one plate and rotates at different angular speeds and moves with the plate assembly to define an operative configuration in which the rotatable tool is maintained at a predetermined distance from the work-piece with the work piece and the rotatable tool immersed in abrasive slurry.

No. of Pages : 29 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING TUBULAR CERAMIC STRUCTURES OF NON CIRCULAR CROSS SECTION

	:H01M8/12,	(71)Name of Applicant :
(51) International classification	C23C4/18,	1)WATT FUEL CELL CORP.
	C23C24/04	Address of Applicant :27 Seaview Boulevard Port Washington
(31) Priority Document No	:13/223359	NY 11050 U.S.A.
(32) Priority Date	:01/09/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)FINNERTY Caine M.
(86) International Application No	:PCT/US2012/053305	2)EMLEY Benjamin J.
Filing Date	:31/08/2012	
(87) International Publication No	:WO 2013/033512	
(61) Patent of Addition to Application	٠NA	
Number	.1N/A	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for producing tubular ceramic structures (10) of non circular cross section is provided which comprises: a) rotating a mandrel spindle assembly (45) having a non circular external cross section corresponding to the non circular internal cross section of the tubular ceramic structure (11) to be produced the mandrel spindle assembly (45) comprising a mandrel component (47) and a spindle component (43) the mandrel component (47) being a heat shrinkable polymeric tube of non circular cross section the external surface of which corresponds to the internal surface of the tubular ceramic structure (11) of non circular cross section to be produced and the internal surface of which defines a bore (71) the spindle component (43) having a non circular cross section corresponding to that of the bore (71) of the mandrel (47) and being in close fitting but slidably removable contact therewith; b) applying a ceramic forming composition to the external surface of the mandrel component (47) of the rotating mandrel spindle assembly (45) to produce a tubular ceramic structure (11) of non circular cross section the internal surface of which is in contact with the external surface of the mandrel (47); c) removing the spindle (43) from the bore (71) of the mandrel (47) to provide a mandrel tubular ceramic structure assembly (70) in which the interior surface (75) of the tubular ceramic structure (11) of non circular cross section remains in contact with the external surface of the mandrel (47); and d) heat shrinking the mandrel component (47 76) of the mandrel tubular ceramic structure assembly (70) to cause the mandrel (47 76) to undergo shrinkage to a reduced size in which the external surface (77) of the mandrel (76) separates from the interior surface (75) of the tubular ceramic structure (11) of non circular cross section facilitating removal of the mandrel (76) therefrom.

No. of Pages : 32 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ARRANGEMENT AND METHOD FOR ADAPTING A CRUISE CONTROL SYSTEM IN 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 Filing Date (62) Divisional to Application Number 	:B60K31/06,B60W30/14 :NA :NA :PCT/EP2011/004951 :05/10/2011 :WO 2013/050052 :NA :NA	 (71)Name of Applicant : 1)VOLVO LASTVAGNAR AB Address of Applicant :S 405 08 Goteborg Sweden (72)Name of Inventor : 1)ERIKSSON Anders 2)BJERNETUN Johan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cruise control arrangement for a vehicle where the cruise control arrangement is provided with a cruise control speed function a cruise control brake function and at least one selectable economy level having a set maximum speed value corresponding to a maximum allowed vehicle speed a set brake speed value corresponding to a brake cruise speed and a set cruise speed value corresponding to a cruise speed where a temporary brake speed value replaces the set brake speed value as the actually used brake speed value and where the temporary brake speed value is dependent on the selected economy level. The advantage of the invention is that the behaviour of the cruise control of a vehicle can be adapted to take account of economy which makes it possible to optimize the fuel consumption of the vehicle.

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

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR OPTIMIZATION OF GREEN SAND COMPOSITION

(51) International classification	:B22C19/04, B29C33/38, B29C37/00	(71) Name of Applicant : 1) CHOWDHARY DEEPAK Address of Applicant :PLOT #2, GANDHINAGAR,
(31) Priority Document No	:NA	NAGPUR - 440010, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)CHOWDHARY DEEPAK
(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 present disclosure envisages computer implemented systems for optimization of sand for reducing casting rejections. A foundry user can access the system via a computer network and register his/her foundry with the system. The system is enabled to provide a predicted/prescribed solution for the optimization of sand using at least a parameter relating to sand. The system is enabled to determine the parameters contributing to the casting rejections and provide a corresponding solution for reducing the rejections in the next casting batches. The system mainly includes a user interface module for enabling to the user to access and upload foundry related data into the system, a reporting module enabling the user to generate and understand the current statistics of his/ her foundry and a processing engine which enables the system to perform mathematical computation of the user queries and provide the desired predicted or prescribed solution to the user for his/her foundry.

No. of Pages : 91 No. of Claims : 12

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION COMPRISING N ACETYLCYSTEINE AND/OR MICROENCAPSULATED GASTROPROTECTED LYSOZYME IN ASSOCIATION WITH PROBIOTIC BACTERIA CAPABLE OF RESTORING THE STOMACH S OWN BARRIER EFFECT WHICH IS LOST DURING THE PHARMACOLOGICAL TREATMENT OF GASTRIC HYPERACIDITY

(51) International classification	:A61K35/74,A61P1/04	(71)Name of Applicant :
(31) Priority Document No	:RM2011A000477	1)MOGNA Giovanni
(32) Priority Date	:09/09/2011	Address of Applicant : Viale Roma 13/B I 28100 Novara (NO)
(33) Name of priority country	:Italy	ITALY.
(86) International Application No	:PCT/IB2012/001741	(72)Name of Inventor :
Filing Date	:10/09/2012	1)MOGNA Giovanni
(87) International Publication No	:WO 2013/034974	
(61) Patent of Addition to Application	•NI A	
Number	INA INA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to a composition comprising N acetylcysteine and/or lysozyme; or N acetylcysteine and

microencapsulated gastroprotected lysozyme with probiotic bacteria for use in the pharmacological treatment of gastric hyperacidity. Said composition is capable of restoring the stomach s own barrier effect which is lost during the pharmacological treatment of gastric hyperacidity and of minimising the secondary effects due to said pharmacological treatment.

No. of Pages : 51 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ARRANGEMENT AND METHOD FOR ADAPTING A CRUISE CONTROL SYSTEM IN A VEHICLE

(57) Abstract :

An arrangement for adapting a cruise control system in a vehicle wherein the arrangement comprises a cruise control modifier unit connected to a cruise control system where the cruise control modifier unit comprises position input means adapted to receive actual position information from a position source map input means adapted to receive road information from a map database for a predefined section ahead of the vehicle where the arrangement is adapted to modify cruise control parameters for a road section within the predefined section depending on the received position and map information. The advantage of the invention is that the behaviour of the cruise control of a vehicle can be adapted to upcoming road profile changes which makes it possible to optimize the fuel consumption of the vehicle.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADAPTER

(51) International classification	:H01R13/66	(71)Name of Applicant :
(31) Priority Document No	:GB	1)CONTROL TECHNIQUES LTD
	1203574.7	Address of Applicant : THE GRO, POOL ROAD
(32) Priority Date	:29/02/2012	NEWTOWN, SY16 3BE U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)HOLMAN JONATHAN ROBERT
Filing Date	:NA	2)WAIN RICHARD MARK
(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 adapter is provided for adapting a Secure Digital (SD) card for use with a Smart Card reader. The adapter comprises an improved Smart Card with a memory device physically connected thereto. A controller may also be provided for use with the Smart Card reader, the controller being configured to identify whether a conventional Smart Card or an adapter that includes an SD card socket has been presented to the Smart Card reader. The controller may be arranged to control communication between the Smart Card reader and an SD card socket and to control access to the SD card memory accordingly.

No. of Pages : 17 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED DISCONNECTOR ASSEMBLY

(51) International classification	:H01H3/28, H01H3/48, H01H3/32, H01H31/00	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PARDESHI, AJABSINGH, SHANKARSINGH
(33) Name of priority country	:NA	2)SHETYE, GANESH, R.
(86) International Application No	:NA	3)CHAUHAN, BITHI
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 :

This invention relates generally to the field of switch disconnectors. More particularly the present invention relates to an improved switch disconnector having duel termination facility. It may be used in installations such as Housing complex, Hotels, Hospitals and buildings etc. The contact carrier and pin means internally engaged with knob means; wherein said contact carrier and said spring means connected to said moving contact; wherein knob means operatively connected to said moving contact thereby completing the current path. It provides duel termination facility available to customer.

No. of Pages : 13 No. of Claims : 7

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING DRIPPINGS FROM A BEVERAGE DISPENSER VIA AN EXPANSION VALVE

 (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 	:B65B1/04, B65B3/04, B67D1/16 :61/531562 :06/09/2011 :U.S.A. :PCT/US2012/053968 :06/09/2012 :WO 2013/036644	 (71)Name of Applicant : 1)MANITOWOC FOODSERVICE COMPANIES LLC Address of Applicant :2400 South 44th Street Manitowoc WI 54220 U.S.A. (72)Name of Inventor : 1)BRAGG John C. 2)WING Harry 3)PATTERSON Nicholas M.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/036644 :NA :NA :NA :NA	3)PATTERSON Nicholas M. 4)NEVAREZ Roberto 5)HANNIFFY Paul

(57) Abstract :

A beverage system includes an ingredient module and an ingredient dispensing valve in communication with the ingredient module the ingredient dispensing valve dispensing an ingredient into a beverage container. The ingredient module comprises a housing an ingredient container disposed within the housing a first ingredient conduit disposed between the ingredient container and the ingredient dispensing valve and a pumping device that causes the ingredient to move from the ingredient container through the first ingredient conduit and through the ingredient dispensing valve under pressure.

No. of Pages : 82 No. of Claims : 13

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(51) International classification	:C07D401/12	(71)Name of Applicant :
(31) Priority Document No	:61/629387	1)GANDHI Paresh T.
(32) Priority Date	:16/11/2011	Address of Applicant :32 Lafayette Circle Totowa NJ 07512
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/IB2012/056333	(72)Name of Inventor :
Filing Date	:11/11/2012	1)GANDHI Paresh T.
(87) International Publication No	:WO 2013/072829	
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NOVEL NICOTINE DERIVATIVES

(57) Abstract :

Described are novel nicotine derivatives represented by general formulas (I) and (III) and salts thereof and herbicide & pharmaceutical compositionscontaining the same as the active ingredient. The compound and salts thereof can control annual or perennial weed growing on the land where various crops such as rice plant wheat cotton and corn grow for a wide period ranging from the pre emergence to growth in a remarkably small dose. The compounds and salts thereof can be useful as an anti microbial and anti fungal agents and also for the treatment of blood pressure skeletal muscle attention deficit disorder mental disorders schizophrenia Alzheimer disease Parkinson s disease and depression. Also described is the preparation of the nicotine derivatives having formula (I) and (III).

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD OF MAKING A WATER PURIFICATION COMPOSITION

(51) International classification	:C02F1/50,	(71)Name of Applicant :
(21) Driegity Decument No	C02F1/52	1)TATA CHEMICALS LIMITED Address of Amplicant DOMPAY HOUSE 24 HOMI MODI
(31) Priority Date	INA ·NA	STREET MUMBAL400001 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAUTARAY, DEBABRATA
Filing Date	:NA	2)PARIDA, PRABHAT KUMAR
(87) International Publication No	: NA	3)LOLAGE, MAYURA
(61) Patent of Addition to Application Number	:NA	4)ANGAL, ASHWINI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of making a water purification composition and is disclosed. The method comprises of forming a chitosan solution by dissolving chitosan in an organic acid solution, adding iron oxide particles to the chitosan solution and mixing the same to obtain a mixture, adding an alkali solution to the mixture at a predetermined rate to precipitate an iron oxide-chitosan matrix is disclosed. The method further comprises of washing and drying of the precipitate, grinding the precipitate and sieving the ground precipitate to obtain granules of a desired size. A water purification composition for removal of arsenic from water is also disclosed.

No. of Pages : 21 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :27/02/2013

(54) Title of the invention : ROTARY CONVERTIBLE ELECTRICAL CONTACT

	:H02K13/00,	(71)Name of Applicant :
(51) International classification	H01R39/64,	1)LARSEN & TOUBRO LIMITED
	H02K31/04	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(31) Priority Document No	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(32) Priority Date	:NA	001, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VIRENDER BURA
Filing Date	:NA	2)AMOL SHIRKE
(87) International Publication No	: NA	3)MAYANK PATEL
(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 rotary convertible contact assembly for a circuit control device. The assembly comprises a first actuator having a cavity therewithin for containing a spring therein. Further, the assembly comprises a second actuator detachably positioned at top end of the first actuator. The second actuator includes a first knob capable of being engaged with a contactor and moving in translational motion along with the contactor to push the first actuator down, and a second knob rotatabaly mounted thereon. The second knob rotates the first actuator in circular motion. Furthermore, the assembly includes a first stationary contact and a second stationary contact positioned on one side of the first actuator, a third stationary contact positioned on other side of the first actuator opposite, and a Z-shaped movable contact attached to the top end of the first actuator. The Z- shaped movable contact is capable of bridging any one of the first stationary contact and the second stationary contact with the third stationary contact to form normally-closed contact.

No. of Pages : 19 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : VIDEO SIGNAL PROCESSING APPARATUS AND VIDEO SIGNAL PROCESSING 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 	:H04N13/02,G03B17/18,G03B35/08 :2011-193493 :06/09/2011 :Japan :PCT/JP2012/005345 :27/08/2012 :WO 2013/035261 :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)SUDO Ichiro 2)MIMOTO Kiyoshi 3)NAGANO Hidetoshi
Application Number Filing Date (62) Divisional to	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To present to a user an area in which an extreme 3D effect may appear by use of a user interface that is easy for the user to intuitively ascertain. [Solution] A left eye video signal obtained by capturing an image for the left eye or a right eye video signal obtained by capturing an image for the right eye is received as an input signal and edge extraction information indicating whether pixels of interest are an edge part or not is generated. Thereafter a binocular disparity between the left eye captured image represented by the left eye video signal and the right eye captured image represented by the right eye video signals. Thereafter one of a plurality of types of warning color that is associated with the magnitude of the calculated binocular disparity is superimposed on the pixels thereby generating a warning color image. Thereafter on the basis of the edge extraction information if the pixels of interest are the edge part the warning color image is output and otherwise the left eye or right eye video signal is output.

No. of Pages : 52 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF A LIQUID FEED COMPRISING MCA AND DCA

 (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 	:C07C51/377,C07C53/16 :11185948.4 :20/10/2011 :EPO :PCT/EP2012/070523 :17/10/2012 :WO 2013/057125	 (71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)NIEUWHOF Melle Rinze 2)KOOIJMAN Cornelis
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)KOELEWIJN Willem 4)VOS Hendrik Jan 5)TOLLIN Lars Magnus 6)VAN HAL Henricus Johannes Marinus Petrus

(57) Abstract :

The present invention pertains to a process for the purification of a substantially water free liquid feed comprising monochloroacetic acid dichloroacetic acid optionally acid chlorides optionally anhydrides and optionally acetic acid which comprises the steps of (a) adding water to the liquid feed so that a liquid feed is obtained comprising between 0.01 and 5% by weight of water based on the total weight of the liquid feed and (b) subsequently subjecting the liquid feed obtained in step (a) to a catalytic hydrodechlorination step by contacting it with a source of hydrogen to convert the dichloroacetic acid into monochloroacetic acid in the presence of a solid heterogeneous hydrogenation catalyst comprising one or more metals of Group VIII of the Periodic Table of the Elements deposited on a carrier.

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

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL AMORPHOUS FORM OF TETRAKIS-(2,4-DI-T-BUTYLPHENYL)-4,4'-BIPHENYLENE DIPHOSPHONITE AND ITS PROCESS FOR PREPARATION.

(51) International classification	:C23C14/00, C08L25/12, C08L51/00, C08L51	 (71)Name of Applicant : 1)SEQUENT SCIENTIFIC LIMITED Address of Applicant :116 VARDHMAN INDUSTRIAL COMPLEX, L.B.S. MARG, THANE(W), MUMBAI - 400 601,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ARULMOLI, THANGAVEL
(86) International Application No	:NA	2)KAREGOUDAR, PRAKASH
Filing Date	:NA	3)DAS, GAUTAM 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 :

The present invention relates to a new amorphous form of tetrakis-(2,4-di-t-butylphenyl)-4,4-biphenylene diphosphonite and a process of its preparation.

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

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PEARLESCENT PIGMENT WITH MODIFIED DENSITY OF SURFACE CAPPING FUNCTIONAL GROUPS, PROCESS FOR PRODUCING THE SAME, AND MIXTURES AND COMPOSITIONS THEREOF

(51) International classification :C04E C04B	 314/02, (71)Name of Applicant : 14/20 1)SUDARSHAN CHEMICAL INDUSTRIES LTD.
(31) Priority Document No :NA	Address of Applicant :162 WELLESLEY ROAD, PUNE,
(32) Priority Date :NA	411001 Maharashtra India
(33) Name of priority country :NA	(72)Name of Inventor :
(86) International Application No :NA	1)NIKHIL HEMANT GOKHALE
Filing Date :NA	2)ASHOK MURLIDHAR DIGHE
(87) International Publication No : NA	3)SOPAN MURLIDHAR MUTHE
(61) Patent of Addition to Application Number :NA	4)OMKAR PRABHAKAR NAGARKAR
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Inorganic pigments, particularly pearlescent pigments, with improved weathering stability in organic substrates and excellent dispersability and adhesion in coatings comprise a first protective layer comprising metal oxide and/or metal hydroxide of the metals Al, Ce, Zr, W, Mo or the combinations of the same, a second protective layer comprising silicates and/or Si02, and a multifunctional organic capping layer adhered to the second layer, which capping layer is prepared by addition of one or more organic coupling agents, in particular, organo silane coupling agents, substituted with a reactive functional group, for example, a primary amine, and which reactive group is partially or completely modified with a bis-reactive agent, for example, a dialdehyde or diketone, while the organic coupling agent is either hydrogen bonded to the second protective layer or is bound to the second layer by means of oxygen atom, resulting in a pigment capping layer with a modified density of surface capping (PMDSC). Mixed pigments comprising blended mixtures of the pigments with unmodified density of surface capping (PUDSC) and modified surface capping layers (PMDSCs) are also provided

No. of Pages : 34 No. of Claims : 23

(54) Title of the invention : WATER EXPANDABLE POLYMER BEADS

(19) INDIA(22) Date of filing of Application :14/02/2014

(43) Publication Date : 05/12/2014

(51) International classification	:C08J9/12,C08J9/20,C08L25/08	(71)Name of Applicant :
(31) Priority Document No	:11006977.0	1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC)
(32) Priority Date	:26/08/2011	Address of Applicant : P.O. Box 5101 11422 Riyadh Saudi
(33) Name of priority country	:EPO	Arabia
(86) International Application No	:PCT/EP2012/003537	(72)Name of Inventor :
Filing Date	:21/08/2012	1)GHAMDI Ghurmallah
(87) International Publication No	:WO 2013/029757	2)HAMDAN Mohammed
(61) Patent of Addition to	•NI 4	3)JANSEN Martinus Adrianus Gertrudus
Application Number		4)NELISSEN Laurentius Nicolaas Ida Hubertus
Filing Date	.INA	
(62) Divisional to Application	.NI A	
Number		
Filing Date	INA	

(57) Abstract :

The present invention relates to a process for the emulsifier free preparation of water expandable polymer beads. The process comprises the steps of: a) providing an emulsifier free monomer composition comprising styrene and a polar comonomer comprising a carbon to carbon double bond b) prepolymerizing the monomer composition to obtain a prepolymer composition comprising styrene the polar comonomer and their copolymer c) adding an aqueous dispersion of nanoclay to the prepolymer composition to obtain an inverse emulsion d) suspending the inverse emulsion obtained by step c) in an aqueous medium to yield an aqueous suspension of suspended droplets and e) polymerizing the monomers in the droplets of the suspension obtained by step d).

No. of Pages : 43 No. of Claims : 15
(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPLEX PAYMENT SYSTEM USING A PORTABLE TERMINAL AND COMPLEX PAYMENT METHOD

ClassificationI)HA(31) Priority Document No:10-2011-0071837Ad(32) Priority Date:20/07/2011Jung g(33) Name of priority country:Republic of Korea(72)Na(86) International Filing Date:PCT/KR2012/0055161)PA(87) International Publication No:WO 2013/012200:WO(61) Patent of Addition to Filing Date:NA:NA(62) Divisional to Elling Date:NA:NA(52) Divisional to Elling Date:NA:NA	Address of Applicant :3F PoongSan Bldg. 16 6 Pil Dong 2Ga ng gu Seoul 100 272 Republic of Korea Name of Inventor : PARK Kyung Yang
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(57) Abstract :

Disclosed are a complex payment system using a portable terminal and a complex payment method. According to the present invention a portable terminal such as a smartphone or a vendor server may analyze and display an optimum payment condition containing a minimum payment amount using bonus information such as card information discount information membership point information or coupon information when a user pays thus preventing personal information leakage and enabling the user to pay a minimum amount by means of his/her credit card using the bonus information.

No. of Pages : 43 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

(51) International classification :G06F17/20 (71)Name of Applicant : 1) OBSHCHESTVO S OGRANICHENNOY (31) Priority Document No :2011146888 (32) Priority Date OTVETSTVENNOSTYU TSENTR INNOVATSIY NATALI :18/11/2011 (33) Name of priority country :Russia KASPERSKAYA (86) International Application No :PCT/RU2012/000945 Address of Applicant :ul. 2 ya Zvenigorodskaya 13/41 8 floor Filing Date :16/11/2012 Moscow 123022 Russia (87) International Publication No :WO 2013/073999 (72)Name of Inventor: 1)LAPSHIN Vladimir Anatolyevich (61) Patent of Addition to Application :NA Number 2)PSHEKHOTSKAYA Yekaterina Aleksandrovna :NA Filing Date 3)PEROV Dmitriy Vsevolodovich (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR THE AUTOMATED ANALYSIS OF TEXT DOCUMENTS

(57) Abstract :

The invention relates to the automated analysis of text documents. When used in the development of new systems and the improvement of existing systems for checking text documents for the presence of phrases or portions of text from other documents the invention makes it possible to increase the range of existing technical means by giving rise to a comparatively fast and versatile method which makes it possible to detect expressions phrases or even passages in a document which come from other documents. The method for the automated analysis of text documents consists in: converting all electronic reference document files into a predetermined format while identifying meaningful fragments referred to as clauses in each document; saving the converted electronic reference of clauses identified in an electronic analysis document file with clauses identified in the electronic reference document files; counting the relative number of clauses in the electronic analysis document file which coincide with corresponding clauses in each of the electronic reference document files; and comparing the relative numbers of concurrences with a predetermined threshold value for the detection of passages from any of the reference documents in the electronic analysis document file.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/02/2013

(54) Title of the invention : PACKAGED RINSE-OFF WATER SOLUTION COMPOSITION FOR PERSONAL CARE

(51) International classification	:A61K8/34, A61K8/36, A61K8/86,	 (71)Name of Applicant : 1)ROHRA, PRAKASH BACHUMAL Address of Applicant :B-402, MEERA CO-OP SOCIETY,
(31) Priority Document No	:NA	NEW LINK ROAD, OSHIWARA, JOGESHWARI (WEST),
(32) Priority Date	:NA	MUMBAI - 400102, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ROHRA, PRAKASH BACHUMAL
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 disclosed herein is a rinse-off water solution composition comprising highly purified and disinfected Deionized water along with pH fixing agents, cleansing agents, conditioning agents, relaxing agents, fragrant agents and optionally a coloring agent. The said composition is cost effective and result oriented with many benefits to skin, hair and scalp.

No. of Pages : 15 No. of Claims : 10

(22) Date of filing of Application :17/02/2014

(54) Title of the invention : BIODEGRADABLE SEMI CRYSTALLINE PHASE SEPARATED THERMOPLASTIC MULTI BLOCK COPOLYMERS FOR CONTROLLED RELEASE OF BIOLOGICALLY ACTIVE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C08G81/00,A61K9/16,C08L87/00 :11174987.5 :22/07/2011 :EPO :PCT/NL2012/050529 :23/07/2012 :WO 2013/015685	 (71)Name of Applicant : 1)INNOCORE TECHNOLOGIES B.V. Address of Applicant :Kadijk 7d NL 9747 AT Groningen Netherlands (72)Name of Inventor : 1)STEENDAM Rob 2)FLIPSEN Theodorus Adrianus Cornelius 3)HIEMSTRA Christine 4)ZUIDEMA Johan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

This invention is directed to a biodegradable semi crystalline phase separated thermoplastic multi block copolymer a process for preparing said multi block copolymer a composition for the delivery of at least one biological active compound and to a method for delivering a biologically active compound to a subject in need thereof. A multi block copolymer of the invention is characterised in that: a) it comprises at least one hydrolysable pre polymer (A) segment and at least one hydrolysable pre polymer (B) segment b) said multi block copolymer having a T of 37 °C or less and a Tm of 110 250 °C under physiological conditions; c) the segments are linked by a multifunctional chain extender; d) the segments are randomly distributed over the polymer chain; e) at least part of the pre polymer (A) segment is derived from a water soluble polymer.

No. of Pages : 69 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DEVICE FOR THE TRANSDERMAL DELIVERY OF ALKALINE COMPOUNDS THAT ARE SUSCEPTIBLE TO DEGRADATION IN THEIR FREE BASE FORM

 (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 	:A61K31/135,A61K31/137,A61K31/165 :20110103098 :25/08/2011 :Argentina :PCT/GB2012/052047 :21/08/2012 :WO 2013/027052	 (71)Name of Applicant : 1)AMARIN TECHNOLOGIES S.A. Address of Applicant :Sanchez 2045 Ciudad Aut³noma de Buenos Aires 1416 ARGENTINA. (72)Name of Inventor : 1)SCASSO Alejandro Fabio 2)STEFANO Francisco Jos Evaristo
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/027052 :NA :NA :NA	

(57) Abstract :

The present invention pertains generally to the field of transdermal drug delivery. More specifically the invention relates to a device for the transdermal delivery of an alkaline pharmaceutically active compound that is susceptible to degradation in its free base form (e.g. rivastigmine) that comprises an adhesive matrix layer a backing layer and a release or protective layer wherein the adhesive matrix layer comprises said pharmaceutically active compound triethylcitrate and hydrochloric acid. The invention also relates to methods of preparing such devices.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : TRANSMISSION LINE DISCONNECT DETECTION METHOD AND SLAVE STATION TERMINAL USED THEREIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No Filing Date (26/09/2011 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Divisional to Application Number (64) Patent (65) Divisional to Application Number (66) Divisional to Application Number (7) NA 	 (71)Name of Applicant : 1)ANYWIRE CORPORATION Address of Applicant :8 1 Shimoinden Inouchi Nagaokakyo shi Kyoto 6170813 Japan (72)Name of Inventor : 1)NISHIKIDO Kenji 2)HOSHI Youichi 3)ITANI Kazuo
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(57) Abstract :

[Problem] To provide a transmission line disconnect detection method that can accurately detect a break in a transmission line in a control and monitoring signal transmission system that uses a transmission synchronization system in which by using a transmission clock a master station connected to a single controller is synchronized with a plurality of slave stations corresponding to a plurality of devices to be controlled and in which data is transmitted through a common data signal line and to provide a slave station terminal used therein. [Solution] A series of pulsed signals output from a master station to common data signal lines are provided with a management data region that is comprised of a plurality of pulsed signals and that differs from a control and monitoring data region which is comprised of control data signal data and monitoring data signal data. In the management data region a signal comprising specific individual data from a slave station are superimposed during an output data period in which signals comprising management control data that identifies a single slave station are superimposed and an input data period corresponding to the output data period and of the same cycle and the presence or absence of a line break is determined on the basis of the results of comparing specific individual data.

No. of Pages : 33 No. of Claims : 4

(19) INDIA(22) Date of filing of Application :24/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CRYSTALLINE FORM OF LURASIDONE HYDROCHLORIDE

	:C07D417/14,	(71)Name of Applicant :
(51) International classification	A61K31/495,	1)MEGAFINE PHARMA (P) LTD.
	A61P25/18	Address of Applicant :4TH FLOOR, SETHNA, 55,
(31) Priority Document No	:NA	MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400
(32) Priority Date	:NA	002, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
Filing Date	:NA	2)SOLANKI PAVANKUMAR VRAJLAL
(87) International Publication No	: NA	3)UPPELLI SEKHAR BABU
(61) Patent of Addition to Application Number	:NA	4)SARODE GANESH GITARAM
Filing Date	:NA	5)LANDGE SHASHIKANT BABANRAO
(62) Divisional to Application Number	:NA	6)DAHALE SUNIL BHANUDAS
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel crystalline polymorph of Lurasidone HCI and a process for its preparation.

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A TRPA1 ANTAGONIST AND A STEROID

(51) Internationalclassification(31) Priority DocumentNo	:A61K31/505,A61K31/56,A61K31/573 :2098/MUM/2011	 (71)Name of Applicant : 1)GLENMARK PHARMACEUTICALS SA Address of Applicant :Chemin de la Combeta 5 CH 2300 La Chaux de Fonds Switzerland
(32) Priority Date	:25/07/2011	(72)Name of Inventor :
(33) Name of priority country	:India	1)KHAIRATKAR JOSHI Neelima 2)KULKARNI Abhay
(86) International Application No Filing Date	:PCT/IB2012/053738 :23/07/2012	3)WALE Dinesh Pradeep 4)KADAM Anil Hari 5)BHOSALE Vikram
(87) International Publication No	:WO 2013/014597	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The present patent application relates to a pharmaceutical composition comprising a transient receptor potential ankyrin 1 receptor (TRPA1) antagonist and a glucocorticoid.

No. of Pages : 76 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :26/02/2013

(54) Title of the invention : A MULTILAYER THERMO-FORMABLE FIILM

	:C08J 5/18,	(71)Name of Applicant :
(51) International classification	B32B27/08,	1)BILCARE LIMITED
	B32B27/06	Address of Applicant :601, ICC TRADE TOWER, PUNE 411
(31) Priority Document No	:NA	016, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)KULKARNI SANJEEV DATTATRAY
(86) International Application No	:NA	2)MUKHERJEE SOMENATH
Filing Date	:NA	3)NAIK PRAFUL
(87) International Publication No	: NA	4)BHANDARI MOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a multilayer thermo-formable film carrying an image which comprises a first layer and a base layer laminated to the first layer and its preparation. The first layer comprises a peelable carrier, a coat of an ester acrylic based primer, a metallized layer, an adhesive coat embossed with an image of a pre-determined pattern. The present disclosure also provides a multi-layer thermo-formed anti-counterfeit package.

No. of Pages : 33 No. of Claims : 19

(22) Date of filing of Application :26/02/2013

(54) Title of the invention : ACRYLONITRILE POLYMER COMPOSITE USING MODIFIED STARCH AND A METHOD OF PREPARATION THEREOF

(51) International classification	:C08L27/02, C08F251/00	(71)Name of Applicant : 1)ADITYA BIRLA SCIENCE AND TECHNOLOGY
(31) Priority Document No	:NA	COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : ADITYA BIRLA CENTRE, 2ND
(33) Name of priority country	:NA	FLOOR, C WING, S K AHIRE MARG, WORLI, MUMBAI
(86) International Application No	:NA	400025, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAHOO, ANASUYA
(61) Patent of Addition to Application Number	:NA	2)LODHA, PREETI
Filing Date	:NA	3)PARASURAMAN, KARUPPASAMY
(62) Divisional to Application Number	:NA	4)KALE, BANDU MADHUKAR
Filing Date	:NA	

(57) Abstract :

An acrylonitrile polymer composite suitable for fibers is disclosed. The acrylonitrile polymer composite is formed by modifying an acrylonitrile polymer with a modified starch, wherein the modified starch has a degree of substitution of at least 1.5 obtained by modifying a starch with a starch modifier with a formula R-X wherein R is six to ten membered ring of carbon. A method of making an acrylonitrile polymer composite is also disclosed.

No. of Pages : 25 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(51) International classification	:B01D46/00,B01D46/24	(71)Name of Applicant :
(31) Priority Document No	:13/253307	1)MANN+HUMMEL GMBH
(32) Priority Date	:05/10/2011	Address of Applicant :Hindenburgstr. 45 71638 Ludwigsburg
(33) Name of priority country	:U.S.A.	GERMANY.
(86) International Application No	:PCT/EP2012/068841	(72)Name of Inventor :
Filing Date	:25/09/2012	1)KORI Anil
(87) International Publication No	:WO 2013/050271	2)RIEGER Mario
(61) Patent of Addition to Application	٠NIA	3)BLOSSEY Werner
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FILTER CARTRIDGE SYSTEM

(57) Abstract :

A filter cartridge assembly and system includes a secondary filter cartridge radially nested within and radially supported by a main filter cartridge. The secondary cartridge has a flexible multi leg crown with slits which engage a receptacle in bottom end disk of the main filter element for radial support and includes a central pin projection interior to the crown that is longer and more robust than the crown extending beyond the crown to protect the crown from impact damage. The main filter cartridge bottom end disk has a plurality of axially extending spaced apart projections configured to engaged into matched pockets or gaps provided between engaging inward projections provided on an interior end face of the filter housing rotationally fixing or locking the filter housing and the main filter cartridge. The main filter cartridge includes an anti rotation housing engagement member or pin which extends through an end wall of the filter housing to the exterior of the housing indicating presence of a properly installed filter cartridge and rotatably locking position of the housing to the main filter cartridge.

No. of Pages : 33 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DESOGESTREL

(51) International classification	:C07J11/00, C07J1/00, C07J21/00	(71) Name of Applicant : 1)LUPIN LIMITED Address of Applicant :159 CST ROAD, KALINA,
(31) Priority Document No	:NA	SANTACRUZ (EAST), MUMBAI-400 098, STATE OF
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KARNALKAR, DABEER, RAUF
Filing Date	:NA	2)MAHAJAN, PRAVIN, RAGHUNATH
(87) International Publication No	: NA	3)SINGH, GURVINDER, PAL
(61) Patent of Addition to Application Number	:NA	4)RAY, PURNA, CHANDRA
Filing Date	:NA	5)SINGH, GIRIJ, PAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel process for the preparation of desogestrelof formula (I), comprising reaction ofll-methylene-18a-homo-estr-4-en-17-one (II) with acetylene gas in presence of potassium tertiary butoxide and ethylenediamine and in dioxanedimethylacetamide mixture to give crude desogestrel. The present invention further provides a process for the purification of desogestrel by crystallisation from n-heptane.

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

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date : 05/12/2014

 (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 	:D03C9/06 :2011/0641 :03/11/2011 :Belgium :PCT/EP2012/070288 :12/10/2012 :WO 2013/064355	 (71)Name of Applicant : 1)PICANOL Address of Applicant :Steverlyncklaan 15 B 8900 Ieper Belgium (72)Name of Inventor : 1)DESEYNE Joost
 (67) International Fublication (10) (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(54) Title of the invention : HEALD FRAME WITH A REINFORCEMENT PROFILE

(57) Abstract :

Heald frame transverse element weaving machine and method wherein fastening means are provided for fastening a reinforcement profile (10) in a receiving section (9) of a transverse element (2) wherein a fastening by the fastening means is achieved by relative rotation of the reinforcement profile (10) and the receiving section (9) of the transverse element (2).

No. of Pages : 27 No. of Claims : 15

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : POSITIONING DEVICE FOR USE IN A TIRE BUILDING SYSTEM AND A METHOD FOR POSITIONING A BEAD

 (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 	:B29D30/00 :2008819 :15/05/2012 :Netherlands :PCT/NL2013/050185 :15/03/2013 :WO 2013/172702 :NA :NA :NA	 (71)Name of Applicant : VMI HOLLAND B.V. Address of Applicant :Gelriaweg 16 NL 8161 RK Epe Netherlands (72)Name of Inventor : SLOT Marco VAN LAAR Gerardus Johannes Catharina
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(57) Abstract :

The invention relates to a positioning device (30) for use in a tire building system and a method for positioning a bead (11). The device comprises a holding unit (31) comprising a substantially planar holding surface (32) having a first side (34) a transport unit (40) movable parallel to the holding surface and comprising a gripper (41) for gripping the bead and moving the gripped bead substantially along the holding surface and a bead retainer (41 43) arranged for at least temporarily retaining the bead in abutment against the holding surface at the first side thereof. The gripper is moveable between a first position in which the gripper projects at least partially out of the holding surface at the first side thereof for gripping the bead and a second position in which the gripper is completely arranged behind the holding surface as viewed from the first side.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/02/2014

(54) Title of the invention : PIPERAZINE THIAZOLE DERIVATIVES USEFUL IN THE TREATMENT OF TAUOPATHIES SUCH AS ALZHEIMER S DISEASE

(51) Internationalclassification(31) Priority DocumentNo	:C07D285/08,C07D417/04,C07D417/12 :11177742.1	 (71)Name of Applicant : 1)REMYND NV Address of Applicant :Gaston Geenslaan 1 B 3001 Leuven Belgium.
(32) Priority Date	:17/08/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)GRIFFIOEN Gerard 2)CECERE Giuseppe
(86) International Application No Filing Date	:PCT/EP2012/066136 :17/08/2012	3)NETTEKOVEN Matthias 4)PRINCEN Katrien 5)RATNI Hasane
(87) International Publication No	:WO 2013/024168	6)ROGERS EVANS Mark 7)VIFIAN Walter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	^P :NA :NA :NA :NA	

(57) Abstract :

The present invention relates to a compound of formula (IA) wherein G is lower alkyl; lower alkyl substituted by one or more halogens; cycloalkyl; tetrahydropyran 4 yl; phenethyl; phenethyl substituted by one or more halogens; phenoxymethyl; phenoxymethyl substituted by one or more halogens; benzyloxyethyl; benzyloxy ethyl substituted by one or more halogens; or is NRR; R is hydrogen or lower alkyl; R is lower alkyl; tetrahydropyran 4 yl; CH cycloalkyl; or cycloalkyl optionally substituted by lower alkyl substituted by one or more halogens; or Rand R form together with the N atom to which they are attached a heterocycloalkyl group with 4 or 5 carbon atoms which is optionally substituted by one or more substituents selected from halogen; or lower alkyl substituted by one or more halogens; X is CH or (CH); Ar is phenyl or pyridinyl; R is halogen; lower alkyl; lower alkyl substituted by one or more halogens; or lower alkoxy; n is 1 or 2; or to a pharmaceutically active salt thereof to a stereoisomeric form including an individual diastereoisomer or enantiomer of the compound of formula (IA) as well as to a racemic or non racemic mixture thereof. The present invention also relates to the use of a compound of formula (IA) for treating certain neurodegenerative disorders characterized by cytotoxic TAU misfolding and/or aggregation.

No. of Pages : 60 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H01H50/14, H01R31/08, H01H50/00, H01H9/	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(31) Priority Document No	:NA	001, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ADITYA SONI
(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	

(54) Title of the invention : MODULAR TERMINAL HOLDER

(57) Abstract :

The present invention provides a terminal connector for a switching device. The terminal connector enables a uses to change termination type i.e. standard termination, rear termination, box type and tunnel or plug in type easily by operating a snap fit, and without the need of changing the entire switching device. Further, the terminal connector of the present invention also keeps sufficient clearance between a live terminal (and live metal part) to another live parts or ground.

No. of Pages : 20 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BOX TERMINAL FOR LOW VOLTAGE CIRCUIT BREAKER :H01H33/66 (71)Name of Applicant : (51) International classification **1)LARSEN & TOUBRO LIMITED** (31) Priority Document No :NA Address of Applicant : LARSEN & TOUBRO LIMITED L&T (32) Priority Date :NA HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 (33) Name of priority country :NA 001, MAHARASHTRA, INDIA (86) International Application No :NA Filing Date :NA (72)Name of Inventor : : NA (87) International Publication No 1)ADITYA SONI (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 box terminal assembly for low voltage circuit breaker. The box terminal assembly includes a hollow housing having a front surface, a rear surface, two side surface, a top surface and a bottom surface, the front surface and the rear surface having front cuts provided thereon for increasing terminal ground clearance. A flare provided on inner side of the bottom surface of the hollow housing for holding the hollow housing in the circuit breaker. Further, a clamp is adapted on upper portion of the rear surface for tightening a cable terminal to the circuit breaker. Furthermore, an opening is configured on inner side of the bottom surface for riveting the clamp. Also, a screw is configured on the top surface to transfer tightening force to the clamp and a first locking means provided on the sides of the housing for providing strength to the housing.

No. of Pages : 14 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :28/02/2013

(54) Title of the invention : TECHNIQUE OF IDENTIFYING LEAKAGE THROUGH AUTOMOTIVE BODY

(51) International classification	:G01N29/04, G01L3/24, G01N29/26,	 (71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED 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
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRAKASH KESHVRAO SONAWANE
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 system of identifying leakage through automotive body. The said system comprises a device made of plastic dust container with an inlet air pipe for supplying pressurized air inside for forcing out dust through a nozzle. A flexible cover to create temporary chamber to suit body shape at localized area with said Nozzle in side the said cover for dispersing dust. The arrangement is such that When air blast is given in dust container through air pipe, due to air pressure, dust comes out through nozzle and starts spreading on localized restricted area due to flexible cover over the said nozzle and if any leakage comes out of the automotive body in the form smoke.

No. of Pages : 6 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEW ABUSE RESISTANT PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OPIOID DEPENDENCE

(57) Abstract :

There is provided pharmaceutical compositions for the treatment of e.g. opioid dependency comprising microparticles of a pharmacologically effective amount of buprenorphine or a pharmaceutically acceptable salt thereof in associative admixture with particles comprising a weak acid or particles comprising weakly acidic buffer forming materials. The composition may further comprise a disintegrant and/or particles of a pharmacologically effective amount of naloxone or a pharmaceutically acceptable salt thereof. The compositions are useful in the treatment of opioid dependency/addiction and/or pain.

No. of Pages : 48 No. of Claims : 23

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL CELL 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 	:H01M8/02,H01M8/10 :1116275.7 :21/09/2011 :U.K. :PCT/GB2012/052324 :20/09/2012 :WO 2013/041867 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INTELLIGENT ENERGY LIMITED Address of Applicant :Charnwood Building Holywell Park Ashby Road Loughborough Leicestershire LE11 3GB U.K. (72)Name of Inventor : 1)COLE Jonathan 2)KIRK Christopher James 3)CONLON Christopher 4)HOOD Peter David

(57) Abstract :

The invention relates to fuel cell assemblies and in particular to improvements relating to sealing of such assemblies embodiments of which include a fuel cell assembly (200) comprising a membrane electrode assembly (104) a cathode separator plate (208) having a series of corrugations extending and providing air flow paths between first and second opposing edges of the plate a gasket (105) providing a fluid seal around a peripheral edge of the membrane electrode assembly (104) between the separator plate (208) and the membrane electrode assembly (104) and a metal shim (107) disposed between the gasket (105) and the separator plate (208) over the peripheral edge of the membrane electrode assembly (104).

No. of Pages : 22 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/02/2013

(54) Title of the invention : AN ANTI-COUNTERFEIT PACKAGING

(51) International classification	:B32B15/08, C08F251/00	(71)Name of Applicant : 1)BILCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :601, ICC TRADE TOWER, PUNE 411
(32) Priority Date	:NA	016, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KULKARNI SANJEEV DATTATRAY
Filing Date	:NA	2)MUKHERJEE SOMENATH
(87) International Publication No	: NA	3)NAIR PRAFUL
(61) Patent of Addition to Application Number	:NA	4)BHANDARI MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a multilayer cold-formable film carrying an image which comprises a first layer and a base layer laminated to the first layer and its preparation. The first layer comprises a peelable carrier, a coat of an ester acrylic based primer, a metallized layer, an adhesive coat embossed with an image of a predetermined pattern. The present disclosure also provides a multi-layer cold-formed anti-counterfeit package.

No. of Pages : 26 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 05/12/2014

:F03G6/02, (71)Name of Applicant : **1)THERMAX LIMITED** F24J2/04, (51) International classification F24J2/10. Address of Applicant :D-13, MIDC INDUSTRIAL AREA, F24J2/24. R.D. AGA ROAD, CHINCHWAD, PUNE-411019, (31) Priority Document No MAHARASHTRA, INDIA :NA (32) Priority Date :NA (72)Name of Inventor: (33) Name of priority country :NA 1)JOSHI YASHAVANT (86) International Application No :NA 2)PATKI ANIL Filing Date :NA **3)SHAIKH ABID** (87) International Publication No : NA **4)DUBAL VILAS** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SOLAR POWER GENERATION SYSTEM

(57) Abstract :

A solar power generation system is disclosed. The solar power generation system includes at least one primary reflector assembly, at least one receiver assembly, at least a pair of support structures and a tracking mechanism. The at least one primary reflector assembly facilitates concentration of solar radiations at a focal point. The at least one primary reflector assembly includes a parabolic plate, a plurality of tubes and at least one reflector. The parabolic plate has a plurality of grooves configured thereon. The plurality of tubes is disposed in the plurality of grooves in a manner that at least some portion of at least some of the plurality of tubes protrudes above the parabolic plate. The at least one reflector is secured on at least some of the plurality of tubes for achieving parabolic curvature.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.434/MUMNP/2014 A

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METAL MATERIAL FOR ELECTRONIC COMPONENTS AND METHOD FOR PRODUCING SAME

(51) International classification	n:C25D7/00,B32B15/01,B32B15/04	(71)Name of Applicant :
(31) Priority Document No	:2011-205371	1)JX Nippon Mining & Metals Corporation
(32) Priority Date	:20/09/2011	Address of Applicant :6 3Otemachi 2 chomeChiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008164 Japan
(86) International Application No Filing Date	:PCT/JP2012/073095 :10/09/2012	(72)Name of Inventor : 1)SHIBUYAYoshitaka 2)FUKAMACHIKazuhiko
(87) International Publication No	:WO 2013/042572	3)KODAMAAtsushi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are: a metal material for electronic components which has low insertion/removal resistance low occurrence of whiskers and high durability; and a method for producing the metal material for electronic components. A metal material (10) for electronic components which is provided with: a base (11); a layer A (14) that constitutes the outermost layer of the base (11) and is formed of Sn In or an alloy of these elements; and a layer B (13) that is arranged between the base (11) and the layer A (14) so as to constitute an intermediate layer and is formed of Ag Au Pt Pd Ru Rh Os Ir or an alloy of these elements. The outermost layer (the layer A (14)) has a thickness of $0.002 \ 0.2 \ \mu m$ and the intermediate layer (the layer B (13)) has a thickness of $0.001 \ 0.3 \ \mu m$.

No. of Pages : 103 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR OPTIMAL EMERGENCY COMMUNICATION

(51) International classification(31) Priority Document No(32) Priority Date	:G08B25/00 :NA :NA	(71)Name of Applicant : 1)ANAND SUNDARARAJ Address of Applicant :HARI SNEHA APARTMENT, FLAT
(33) Name of priority country(86) International Application No	:NA :NA	NO. 18, BEHIND JADHAV HOSPITAL, ANAND NAGAR, DEOLALI GAON, NASIK ROAD -422101, MAHARASHTRA,
Filing Date (87) International Publication No	:NA : NA	INDIA 2)RAJESH SUDHAKAR THAKUR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72)Name of Inventor : 1)ANAND SUNDARARAJ
(62) Divisional to Application Number Filing Date	:NA :NA	2)RAJESH SUDHAKAR THAKUR

(57) Abstract :

This invention relates to automatic delivery of messages; particularly to provide delivery of messages as a single instance message in which the user has the greatest probability of successful transmittance of the emergency message in one single instance of transmission.

No. of Pages : 91 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR EVALUATING THE AMOUNT OF TRITIUM ABSORBED BY A PERSON AFTER EXPOSURE TO AN ENVIRONMENT CONTAINING TRITIUM WITHOUT DRAWING BODY FLUID

 (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 	:G01T1/178 :1155905 :30/06/2011 :France :PCT/EP2012/062410 :27/06/2012 :WO 2013/000933 :NA :NA :NA	 (71)Name of Applicant : 1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX ‰NERGIES ALTERNATIVES Address of Applicant :25 rue Leblanc Btiment Le Ponant D F 75015 Paris France (72)Name of Inventor : 1)DOUCHE Christophe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for evaluating the amount of tritium absorbed by a person exposed to an environment having a tritium atmosphere. The invention can be used in particular in the dosimetric monitoring of tritium in persons exposed during the activities thereof to an environment including a significant amount of tritium such as in the case of the nuclear industry.

No. of Pages : 17 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : URINE ANALYSIS		
(51) International classification	:G01N21/78	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABHISHEK SEN
(32) Priority Date	:NA	Address of Applicant : ARPAN, PLOT NO.12, TRIMBAK
(33) Name of priority country	:NA	NAGAR, OFF JAI BHAVANI ROAD, NASHIK ROAD,
(86) International Application No	:NA	NASHIK - 422101 Maharashtra India
Filing Date	:NA	2)AMAN MIDHA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ABHISHEK SEN
Filing Date	:NA	2)AMAN MIDHA
(62) Divisional to Application Number	:NA	3)SHAAKIR. M
Filing Date	:NA	

(57) Abstract :

The invention provides a system and method for testing of a body fluid sample using a diagnostic instrument. In an embodiment, the invention is implemented as an application running on a portable device, such as a cell phone, computer, laptop, or other dedicated portable electronic device. The invention has been designed to minimize user contact and manipulations of data in the fluids.

No. of Pages : 31 No. of Claims : 16

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PROCESS FOR OBTAINING HIGH PURITY ANACARDIC ACIDS FROM CASHEW NUT SHELL LIQUID

(51) International classification:B01D11/049(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) International to Application Number:NA(64) Patent of Addition to Application Number:NA(65) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 2 (71)Name of Applicant : 1)TATA CHEMICALS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI - 400001 Maharashtra India (72)Name of Inventor : 1)KYATANAHALLI, NAGABHUSHANA SRINIVASA 2)NAGARKAR, RAHUL ANAND 3)DAPURKAR, SUDHIR EKNATH 4)KUMAR, RAJIV
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(57) Abstract :

A process for obtaining high purity anacardic acids from cashew nut shell liquid is disclosed. The process comprises preparing a solution of the cashew nut shell liquid in an alcohol, preparing an aqueous solution of a carboxylate salt of transition metal(II), reacting the solution of cashew nut shell liquid with the aqueous solution of carboxylate salt of transition metal(II) to obtain transition metal(II) derivative of anacardic acids. The process further describes-the regeneration of anacardic acids using acetic acid followed by separation of the generated anacardic acids to obtain the anacardic acids.

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 05/12/2014

(51) International classification	:F16L23/22,F16J15/10,G01F1/58	(71)Name of Applicant :
(31) Priority Document No	:10 2011 081 491.4	1)ENDRESS+HAUSER FLOWTEC AG
(32) Priority Date	:24/08/2011	Address of Applicant : Kgenstrasse 7 CH 4153 Reinach (BL)
(33) Name of priority country	:Germany	Switzerland
(86) International Application	DCT/ED2012/066200	(72)Name of Inventor :
No	PC1/EP2012/000599	1)B,,HR G ¹ / ₄ nther
Filing Date	.25/08/2012	2)VOIGT Frank
(87) International Publication No	:WO 2013/026898	
(61) Patent of Addition to	·NI A	
Application Number	NA	
Filing Date	.INA	
(62) Divisional to Application	·NA	
Number	·NA	
Filing Date	.117	

(57) Abstract :

Lip ring seal (1) with two legs (2 3) connected to one another in an L shape by the body of the lip seal ring (1) wherein a first leg (2) is delimited from the exterior by an extent (4) wherein the first extent (4) is part of a generated surface about an axis of rotation (6) of the lip ring seal (1) wherein the first leg (2) lies between the first extent (4) and the axis of rotation (6) and wherein a second leg (3) is delimited from the exterior by a second extent (5) which first and second extents (4 5) are connected to one another via a connection contour wherein an intersection point (7) of a first and a second straight line respectively forming extensions of the first and second extents (4 5) forms a vertex of a triangle wherein the respective endpoints (8 9) of the first and second extents (4 5) form additional vertexes of said triangle wherein the lip ring seal (1) is designed in such a manner that the surface area of the cross sectional area of the body of the lip ring seal is at least 60% of the surface area of the triangle wherein the surface of the lip ring seal (1) in the triangle is non concave more particularly convex.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVEMENTS RELATING TO FABRIC CONDITIONERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C11D1/835,C11D1/72,C11D3/12 :11179738.7 :01/09/2011 :EPO :PCT/EP2012/064963	 (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)MERRINGTON James
Filing Date	:31/07/2012	
(87) International Publication No	:WO 2013/029904	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Use of a foam quench active in a fabric treatment composition to improve foam quench properties wherein the fabric treatment composition comprises: (a) a fabric treatment active in an amount of from 5 to 50 wt % based on the total weight of the composition and (b) an antifoam; and wherein the foam quench active is an alkoxylated non ionic surfactant having an average alkoxylation value of from 4 to 50 and a ClogP of from 3 to 8.

No. of Pages : 46 No. of Claims : 12

(21) Application No.413/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(51) International classification	:A61C8/00,A61C13/225	(71)Name of Applicant :
(31) Priority Document No	:61/522038	1)KAMIL TECH LTD.
(32) Priority Date	:10/08/2011	Address of Applicant :Wickhams Cay II Road Town Tortola
(33) Name of priority country	:U.S.A.	Virgin Islands U.K.
(86) International Application No	:PCT/IL2012/050298	(72)Name of Inventor :
Filing Date	:08/08/2012	1)BERGER Uzi
(87) International Publication No	:WO 2013/021386	
(61) Patent of Addition to Application	٠NIA	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REMOVABLE DENTAL IMPLANT BRIDGE SYSTEM

(57) Abstract :

A removable dental implant bridge system configured for rigid detachable mounting of an implant removable bridge over a mini support bar which in turn is configured for fixedly securing to the jaw bone of an individual in a fashion facilitating fast and easy mounting yet fixedly supporting the implant removable bridge so as to obtain a sturdy and secure engagement to the mini support bar and however suited for easy removal wherein the mini support bar is substantially received with a teeth mimicking portion of the implant removable bridge and where the mini support bar is configured with scalloping at least at a labial face and a bottom face thereof.

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

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COSMECEUTICAL COMPOSITION :A61K6/00, (71)Name of Applicant : **1)DEWAN MOHAN** A61Q17/00, (51) International classification Address of Applicant :MOHAN VILLA, 1147-B, SHIVAJI A61K8/92. A61Q19/0 NAGAR, PUNE-411 016, MAHARASHTRA, INDIA (31) Priority Document No (72)Name of Inventor : :NA (32) Priority Date :NA **1)DEWAN MOHAN** (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

(57) Abstract :

The present disclosure relates to a cosmeceutical composition containing one or more botanicals selected from the group consisting of Aloe vera (Aloe barbadensis), Turmeric (Curcuma longa), Cucumber (Cucumis Sativus) and Avocado (Persea Americana); and optionally, one or more pharmaceutically acceptable excipient. The amount of the botanicals used in the cosmeceutical composition of the present disclosure ranges between 1 and 99% with respect to the total mass of the composition.

No. of Pages : 20 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A RAKING MACHINE

(51) International classification	:A01D78/00, A01D78/12	(71)Name of Applicant : 1)PATEL SURESHBHAI NAROTAMBHAI
(31) Priority Document No	:NA	Address of Applicant : POST - KEVADA, TALUKA -
(32) Priority Date	:NA	VALSAD, DIST, - VALSAD, GUJARAT - 396001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PATEL SURESHBHAI NAROTAMBHAI
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 raking machine comprising: at least a wheel in order to provide mobility to said machine; plurality of lugs on said wheel at its outer circumference, said lugs adapted to induce raking on the ground on which said wheel moves; drive mechanism adapted to impart drive to said wheel; and a raking tool adapted to be located in a parallel manner to said first shaft in order to induce raking on the ground on which said wheel moves.

No. of Pages : 16 No. of Claims : 11

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, CONTROL METHOD, AND STORAGE MEDIUM

(51) International classification(31) Priority Document No(32) Priority Date	:H04N :2012- 055858 :13/03/2012	 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KAWAKAMI, SHUUHEI
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 cooperation server executes printing processing of a document from an MFP through a printing server based on matter information including a printing instruction for the document received from a matter management server. The cooperation server notifies the client PC of the printing order that includes the printing ID and access information used for registering the costs related to the printing after completion of printing, provides a registering screen for costs related to printing by reason of the access from the client PC, and registers the costs registering information received from the client PC on the matter management server.

No. of Pages : 137 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROVIDING A BEAMFORMED PHYSICAL DOWNLINK CONTROL CHANNEL (PDCCH) ON AN EXTENSION CARRIER OF A MOBILE COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) International Publication No (32) International Publication Number (31) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (33) International Publication Number (34) International Publication Number (36) International Publication Number (36) International Publication Number (36) International Publication Number <li< th=""><th> (71)Name of Applicant : (71)Name of Applicant : (72)9 (71)NEC Corporation Address of Applicant : 7 1 Shiba 5 chome Minato ku Tokyo (788001 Japan (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)NARUTA Yasushi (3)SATO Toshifumi </th></li<>	 (71)Name of Applicant : (71)Name of Applicant : (72)9 (71)NEC Corporation Address of Applicant : 7 1 Shiba 5 chome Minato ku Tokyo (788001 Japan (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)NARUTA Yasushi (3)SATO Toshifumi
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(57) Abstract :

A communication system is presented in which a base station is provided for communicating with a plurality of mobile communication devices in a cellular communication system. The base station operates one of more communication cells and communicates subframes with each of the plurality of communication devices within the cell(s) each comprising the communication resources of a control region for communicating a control channel and the communication resources of a data region for communicating a control channel and the communication for communication for communicating a control channel and the communication resources of a data region for communicating a control channel and the communication resources of a data region for communicating a control channel having a first DMRS sequence in a control region of some subframes and a control channel having a second DMRS sequence in a control region of other subframes. The second control channel may be transmitted in a radio beam focussed spatially in a direction of a communication device. The first control channel may be transmitted omnidirectionally throughout the cell(s).

No. of Pages : 62 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

 (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 	:G01D5/38,G01D5/347 :2010197010 :02/09/2010 :Japan :PCT/JP2011/069949 :01/09/2011 :WO 2012/029927	 (71)Name of Applicant : 1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2 1 Kurosaki shiroishi Yahatanishi ku Kitakyushu shi Fukuoka 8060004 Japan (72)Name of Inventor : 1)YOSHIDA Yasushi 2)SUZUKI Koji
 (67) International Fublication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)3020KI KOJI

(54) Title of the invention : ENCODER SERVOMOTOR AND MOTOR UNIT

(57) Abstract :

Provide are an encoder, a servomotor, and a motor unit that are capable of increasing design freedom. An encoder (100) is provided with a disk (110) having a f⁻ rst and a second track (TA, TB) in which a f⁻ rst and a second rotating grating (LA, LB) are respectively formed. The encoder (100) is further provided with a f⁻ rst and a second detection unit (130A, 130B): that are positioned so as to face the f⁻ rst and second tracks (TA, TB); that respectively have a f⁻ rst f⁻ xed grating for configuring the f⁻ rst rotating grating (LA) and a first diffraction interference optical system, and a second fixed grating for configuring the second rotating grating (LB) and a second diffraction interference optical system; and that respectively detect a first and a second detection signal from the first and second diffraction interference optical system; and that respectively detect a first and a second detection signal from the first and second rotating grating (LA, LB) is formed by a curve-shaped plurality of curved slits (SL).

No. of Pages : 63 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

 (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 	:B23B27/04,B23B29/04 :10 2010 038 878.5 :04/08/2010 :Germany :PCT/EP2011/063387 :03/08/2011 :WO 2012/017018 :NA	 (71)Name of Applicant : 1)CERAMTEC GMBH Address of Applicant :CeramTec Platz 1 9 73207 Plochingen Germany (72)Name of Inventor : 1)SEVDIC Nebojsa 2)STEMMER Uwe 3)KRESSEL Heinz
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KRESSEL Heinz
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SCHNEIDWERKZEUG ZUM EINSTECHEN UND STECHDREHEN

(57) Abstract :

Die Erfindung betrifft ein Schneidwerkzeug (1) zum radialen und axialen Einstechen und zum seitlichen Verfahren zum sogenannten Stechdrehen von hauptschlich metallischen Werkstoffen mit einem Klemmhalter (2) und einer am Klemmhalter (2) befestigten Schneidkrperunterlage (3) auf der ein Schneidkrper (6) aufliegt der von einem Spannfinger (4) einer Spannpratze (5) auf die Schneidkrperunterlage (3) gedr¹/4ckt wird wobei der Schneidkrper (6) auf der Schneidkrperunterlage (3) ¹/4ber ein Prisma gef¹/4hrt ist. Damit mit dem Schneidwerkzeug (1) auch seitliche Drehbearbeitungen durchzuf¹/4hren sind ohne dass sich der Schneidkrper (6) aus seinem Sitz herausdrehen kann wird vorgeschlagen dass der Schneidkrper (6) auf seiner zum Spannfinger (4) gewandten ebenen Oberflche zwei entgegengesetzt geneigte ebene rechteckige Dachschrgen (7) in der Art eines Sattel oder Giebeldachs eines Hauses aufweist die sich ausgehend von der Oberflche in den Schneidkrper (6) hinein erstrecken und der Spannfinger (4) an seiner zum Schneidkrper (6) gewandten Unterseite zwei an die Dachschrgen (7) angepasste Rampen (8) aufweist.

No. of Pages : 15 No. of Claims : 13
(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR CENTRALIZING EVENTS FOR A MULTILEVEL HIERARCHICAL COMPUTER 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 (62) Divisional to Application Number Filing Date 	:H04L12/24 :1056830 :27/08/2010 :France :PCT/EP2011/064771 :26/08/2011 :WO 2012/025631 :NA :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 (72)Name of Inventor : 1)HENRY Manuel 2)ROSSIGNEUX Valrian
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(57) Abstract :

The present invention relates to a method for centralizing events for a multilevel hierarchical computer management system said system comprising a plurality of source equipment generating events and a plurality of event collectors per level said method comprising the steps of: selecting by an upper level collector a lower level collector according to operational parameters and/or a link quality of service of said lower level collector; receiving by said collector the events from said selected lower level collector; periodically verifying if the selected collector is available and if not repeating the selection step; and comparing by said upper level collector its events with those from the unselected lower level collectors and receiving from one of these unselected lower level collectors the events that are different.

No. of Pages : 34 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

 (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) Patant of Addition to Application 	:H04W52/02 :61/378884 :31/08/2010 :U.S.A. :PCT/US2011/049436 :26/08/2011 :WO 2012/030665	 (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)MOHSENI Jafar 2)OSHEA Helena Deirdre 3)STANCEP William
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:26/08/2011 :WO 2012/030665 :NA :NA :NA	1)MOHSENI Jafar 2)OSHEA Helena Deirdre 3)STANCER William
Filling Date	.1NA	

(54) Title of the invention : POWER SAVINGS BY LIMITING USE OF ADVANCED SIGNAL PROCESSING

(57) Abstract :

Systems methods and devices are described for power saving techniques in wireless communication devices. A signal quality metric of a received wireless signal may be monitored. A determination is made when the signal quality metric exceeds a threshold quality level for a time period. A subset of the signal processing functionality may be de activated responsive to the determination. There may be different thresholds depending on whether the wireless communication device is in idle or connected mode. There may also be different thresholds for various signal processing algorithms. Other aspects embodiments and features are also claimed and described.

No. of Pages : 57 No. of Claims : 79

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR SYNTHESIZING A MATERIAL IN PARTICULAR DIAMONDS BY CHEMICAL VAPOR DEPOSITION AS WELL AS DEVICE FOR APPLYING THE METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C23C16/27,C23C16/52,C23C16/30 :BE2010/0472 :30/07/2010 :Belgium :PCT/EP2011/063255 :01/08/2011	 (71)Name of Applicant : 1)DIAROTECH Address of Applicant :Centre Hracles Chausse de Charleroi 95 B 6060 Gilly Belgium (72)Name of Inventor : 1)TELLEZ OLIVA Horacio
(87) International Publication No	:WO 2012/013824	
(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 method for synthesizing a material by chemical vapor deposition (CVD) according to which plasma is produced in the vicinity of a substrate in a vacuum chamber and according to which a substance containing carbon and H is introduced into the chamber so as to produce a gas in the chamber said gas including substances containing reactive carbon atoms in the form of radicals or an unsaturated molecule from which the synthesis of said material will be carried out wherein the electromagnetic absorption and inelastic scattering spectra of the solid material to be synthesized are used to collect from said spectra the absorption frequencies which contribute to the reactions leading to the formation of the solid material to be synthesized and energy beams are produced in the form of a photon beam having amounts of energy said energy being predetermined by each of the frequencies corresponding to said absorption and elastic scattering frequencies said photon beam being injected into the plasma wherein for energy states of the solid material said photons having the energy corresponding to said energy states are absorbed by said substance containing reactive carbon atoms.

No. of Pages : 43 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.1730/CHENP/2013 A

(43) Publication Date : 05/12/2014

(51) International classification	:F04D25/08	(71)Name of Applicant :
(31) Priority Document No	:2010198469	1)PANASONIC CORPORATION
(32) Priority Date	:06/09/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/004953	(72)Name of Inventor :
Filing Date	:05/09/2011	1)KURAMOCHI Hiroyuki
(87) International Publication No	:WO 2012/032755	2)ITOU Shigeo
(61) Patent of Addition to Application	٠NA	3)IWAMOTO Kiyohiko
Number	.INA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CEILING FAN

(57) Abstract :

A ceiling fan has a suspension section a pipe section and a body. The body is provided with a connection section. The upper part of the connection section has a connection hole. The lower part of the pipe section has a pipe hole. The connection section is inserted into the pipe section. The ceiling fan is also provided with a bolt and a nut the bolt being inserted into the connection hole and the pipe hole. The bolt comprises a thread section and a head section. The head section has a curved surface conforming to the shape of the outer peripheral section of the pipe section. The head section has a head direction guide section for guiding the direction of the curved surface so that the curved surface is affixed by the nut so as to be in contact with the outer peripheral section.

No. of Pages : 21 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADAPTIVE MEDIA CONTENT SCRUBBING ON A REMOTE 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 	:H04N7/24 :61/378904 :31/08/2010 :U.S.A. :PCT/US2011/049390 :26/08/2011 :WO 2012/030655 :NA :NA :NA :NA	 (71)Name of Applicant : APPLE INC. Address of Applicant :1 Infinite Loop MS: 3 SU Cupertino California 95014 2084 U.S.A. (72)Name of Inventor : ALSINA Thomas Matthieu BRADLEY Bob CANNISTRARO Alan C. FORSTALL Scott JAWA Amandeep KING Nicholas V. NEWMAN Lucas PRESTON Daniel Trent CHULANI Jai ROBBIN Jeffrey
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(57) Abstract :

Systems and techniques are disclosed for controlling from a mobile device media content stored on the mobile device to a media client for presentation on a display device. Data can be provided from the mobile device to the media client for identifying the location of the media content and a playback time. Based on the data the media client can obtain a portion of the media content associated with the playback time. Also playback of the media content on the display device can be controlled by a user of the mobile device.

No. of Pages : 43 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :15/03/2013

(54) Title of the invention : APPARATUS FOR SIGNALING THE SWITCH POSITION OF A LOWVOLTAGE SWITCH :b60d (71)Name of Applicant : (51) International classification 1)ABB SCHWEIZ AG (31) Priority Document No :12160472.2 Address of Applicant : BROWN BOVERI STRASSE 6, CH-(32) Priority Date :21/03/2012 :EPO 5400 BADEN Switzerland (33) Name of priority country (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)WENTZLER. FRANK** : NA (87) International Publication No 2)DEROO, HARM (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The apparatus (V) is used for signaling the switch position of a low-voltage switch (S). It has a release (30), which can be positioned mechanically in terms of the function of the switch position, and an auxiliary switch, which is controlled by the release (30) and, when opened or closed, in a signal circuit containing the auxiliary switch, results in the formation of an electrical signal signaling the switch position. The release (30) contains a magnetic field transducer (36) which is connected to a moveable switching piece (22) of the low-voltage switch and which interacts with a sensor module (40) forming the auxiliary switch. In order to achieve a high degree of operational reliability of the signaling apparatus (V) and in order to facilitate retrospective installation thereof into the switch (S), the sensor module (40) is fastened on an operating side (11), remote from the installation side, of the switch (S), the release (30) has a plate-shaped sliding element (32) of a sliding guide, either the magnetic field transducer (36) is arranged on the sliding element (32) or the magnetic field transducer forms the sliding element, and the sliding element (32) is mounted moveably along a guide path (33) formed into the inner faces of the two housing halves in the region of the operating side (11).

No. of Pages : 18 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR REASSIGNING THE ROLE OF A WIRELESS NODE IN A WIRELESS NETWORK (51) International classification :H04W84/18 (71)Name of Applicant : (31) Priority Document No 1)ABB Research Ltd :10175481.0 (32) Priority Date Address of Applicant : Affolternstrasse 44 CH 8050 Z¹/4rich :06/09/2010 (33) Name of priority country :EPO Switzerland :PCT/EP2011/064909 (72)Name of Inventor : (86) International Application No Filing Date :30/08/2011 **1)ORTEN Pal** (87) International Publication No :WO 2012/031945 2)REICHENBACH Frank (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention is a method for maintaining network lifetime of a wireless network in wireless communication system said network comprising a plurality of device nodes (A C Q N). Selected ones of the wireless nodes (A B C) have assigned roles (1 2 3 GW) in the wireless network. To improve and maintain network lifetime the method comprises determining (4 14 24) a below threshold operating condition of a first sensor node (A) assigned to a first role (1) and re assigning (5 19 29) the first role to another second node (Q) in said network. In other aspects of the invention a method system and a computer program for carrying out the method are described.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CHARGING MEMBER METHOD FOR PRODUCING SAME PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC 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 	:G03G15/02 :2010178735 :09/08/2010 :Japan :PCT/JP2011/003744 :30/06/2011 :WO 2012/020534 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku Tokyo 1468501 Japan (72)Name of Inventor : 1)SUZUMURA Noriko 2)KURODA Noriaki
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(57) Abstract :

Provided is a charging member having a high specific permittivity and a small surface free energy and capable of maintaining the high specific permittivity for a long period of time. Also provided are a process cartridge which is effective in increasing printing speed and the life of an electrophotographic device and an electrophotographic device. A charging member having a support body an elastic layer and a surface layer wherein the surface layer is a cured coating agent layer containing the reaction product of a hydrolytic silane compound and titanium oxide particles having 0.7 to 35 mass % of a hydroxyl group on the surface. An electrophotographic device and process cartridge having the aforementioned charging member.

No. of Pages : 49 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REACTIVE RECOVERY OF DIMETHYL CARBONATE FROM DIMETHYL CARBONATE/METHANOL MIXTURES

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) International Publication Number (37) International Publication Number (37) International Publication Number (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (31) International Pub	 (71)Name of Applicant : (71)Name of Applicant : (1)HUNTSMAN PETROCHEMICAL LLC Address of Applicant :10003 Woodloch Forest Drive The Woodlands TX 77380 U.S.A. (72)Name of Inventor : (72)Name of Inventor : (72)POSEY Mark
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(57) Abstract :

A method of producing a carbonate product including mixing a DMC and methanol mixture with an alcohol reacting the DMC with the alcohol to form carbonate product and removing a substantial portion of unreacted DMC and methanol. In one embodiment the method may be repeated to reach a desired alcohol conversion by adding more DMC and methanol mixture.

No. of Pages : 16 No. of Claims : 22

(54) THE of the incention , DDIVE TRAIN FOR A WIND TUDDINE

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/12/2014

(54) Thue of the invention : DRIVE TRAIN FOR A	WIND TURBI	NE
(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:12 151	1)ZF WIND POWER ANTWERPEN NV
(51) Thomy Document No	855.9	Address of Applicant :DE VILLERMONTSTRAAT 9, 2550,
(32) Priority Date	:20/01/2012	KONTICH Belgium
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)SMOOK, WARREN
Filing Date	:NA	2)DIEKHANS, GERHARD
(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 drive train (1) for a wind turbine. The drive train (1) comprises a gearbox (2), a generator (3) and a coupling (4) in between an output shaft (5) of the gearbox (2) and a rotor shaft (6) of the generator (3). The gearbox (2) and the generator (3) are independent and separate components, whereby the gearbox (2) and the generator (3) each have their own housing (7, 8) and the output shaft (5) of the gearbox (2) and the rotor shaft (6) of the generator (3) are respectively supported by a gearbox output shaft bearing arrangement (15) and a generator rotor shaft bearing arrangement (18a, 18b). The housing (8) of the generator (3) is directly connected to the housing (7) of the gearbox (2). The drive train (1) furthermore comprises a gearbox output module (14), which comprises the gearbox output shaft (5), the gearbox output shaft bearing arrangement (15) and an output shaft bearing housing (16). The gearbox output module at least partly extends into the generator (3), whereby the gearbox output module (14) at least partly extends beyond a plane (P) defined by an axial surface of a rotating part of the generator (3) that is first encountered in a direction going from gearbox (2) to generator (3). Moreover, the coupling (4) extends through a centre of the rotor shaft (6) of the generator (3) and is coupled to the generator rotor shaft (6) at a generator side (G) of the drive train (1).

No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAT WIPER	BLADE WITH SPOILE	ER
(51) International classification	:B60S1/38,B60S1/32	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date(33) Name of priority country	:10/09/2010 :Dopublic of Koree	Address of Applicant :607 Hakdang ri Cheongyang eup
(86) International Application NoFiling Date	:PCT/KR2011/006660	(72)Name of Inventor :
(87) International Publication No	:WO 2012/033363	2)NAM Kyung Jong
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A flat wiper blade with spoilers is provided. The flat wiper blade has a wiper strip a single elongated frame first and second spoilers and a connecting unit for connection to a wiper arm. The frame holds and supports the wiper strip. The first and second spoilers have a pair of longitudinally extending fitting grooves and a receiving groove in the fitting groove. The receiving groove has a width greater than that of the fitting grooves. The first and second spoilers are joined to the frame as opposed to each other in such a manner that the frame is fitted to the fitting grooves and an edge of the frame is received in the receiving groove. The connecting unit is joined to the frame between the first spoiler and the second spoiler. The connecting unit engages the first spoiler and the second spoiler.

No. of Pages : 39 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(51) International classification :C23C18/38 (71)Name of Applicant : (31) Priority Document No **1)CHEMETALL GMBH** :10 2010 039 383.5 Address of Applicant : Trakehner Strae 3 60487 Frankfurt am (32) Priority Date :17/08/2010 (33) Name of priority country :Germany Main Germany :PCT/EP2011/063752 (72)Name of Inventor : (86) International Application No Filing Date :10/08/2011 **1)KLEINLE Michael** (87) International Publication No :WO 2012/022660 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS FOR THE ELECTROLESS COPPER PLATING OF METALLIC SUBSTRATES

(57) Abstract :

The invention relates to a process for treating a metallic surface of an object with an aqueous copper plating solution with which a first copper plating solution which is free of cyanide and free of strong reducing agent is electrolessly applied to clean metallic surfaces of the object or after pretreatment to cleaned metallic surfaces to form a first copper layer or copper alloy layer as a barrier layer and/or as a conductive layer and also to the use of the objects produced by the process according to the invention.

No. of Pages : 90 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

 (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 	:H01L33/62 :2010198372 :03/09/2010 :Japan :PCT/JP2011/069918 :01/09/2011 :WO 2012/029912	 (71)Name of Applicant : 1)NICHIA CORPORATION Address of Applicant :491 100 Oka Kaminaka cho Anan shi Tokushima 7748601 Japan (72)Name of Inventor : 1)YAMASHITA Ryohei 2)TAMAKI Hiroto
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : LIGHT EMITTING DEVICE AND PACKAGE ARRAY FOR LIGHT EMITTING DEVICE

(57) Abstract :

A light emitting device (100) is provided with a substantially cuboid shaped package (20) and a light emitting element (10) which is placed on the package (20). The package (20) is configured from a compact (30) and a first lead (40) and a second lead (50) each embedded in the compact (30). The first lead (40) has a first terminal section (42) which is exposed from the compact (30) at the boundary between a package (20) first side surface (20E) a base surface (20A) and a rear surface (20D) which faces a light emission surface (20C) which is continuous with the base surface (20A). The second lead (50) has a second terminal section (52) which is exposed from the compact (30) at the boundary between a second side surface (20E) which faces the first side surface (20E) the base surface (20A) and the rear surface (20D). The first terminal section (42) has a first concave section (42S) which opens along the first side surface (20E) the base surface (20D). The second terminal section (52) has a second concave section (52S) which opens along the second side surface (20E) the base surface (20D).

No. of Pages : 78 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DEVICE TO DETERMINE A RASH DRIVING BEHAVIOR OF A DRIVER OF A VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:B60G17/00 :NA :NA	(71)Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DILIP KAMATH
(62) Divisional to Application Number	:NA	2)SANTOSH KUMAR HEGDE
Filing Date	:NA	

(57) Abstract :

A device to determine a rash driving behavior of a driver of a vehicle is disclosed. The device comprises a suspension sensor (11,12,13,14) equipped in at least one suspension unit of the vehicle and determining a variation in suspension height of the at least one suspension unit, such that a suspension variation means (20) receives the variation in suspension height of the at least one suspension unit from the suspension sensor (11,12,13,14) and calculates a suspension value of the vehicle, a correction means (40) calculates a correction in suspension height depending on at least one input (31,32,33,34) from the driver of the vehicle, a calculation means (50) calculates a corrective suspension value from the correction in suspension height and a determining means (90) determines a rash driving behavior of the driver depending on the calculated suspension value and the correction suspension value.

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

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A BALANCED VARIABLE VANE PUMP AND A METHOD TO DETERMINE POSITION AND WEAR THEREOF

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) International Application No (36) International Application No (37) International Publication Number (38) International Pu	 (71)Name of Applicant : 1)BOSCH LIMITED Address of Applicant :POST BOX NO 3000, HOSUR ROAD ADUGODI, BANGAROE - 560030 Karnataka India 2)ROBER BOSCH GMBH (72)Name of Inventor : 1)NIKHIL JALI 2)SHUBHAM SAURAV
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A balanced variable vane pump and a method of position determination and wear determination is disclosed. The balanced variable vane pump comprises a CAM-ring and a drive mechanism. The drive mechanism is adapted to engage at least a part of the CAM-ring. The balanced variable vane pump is characterized in that a sensor is located in proximity of the CAM-ring and the drive mechanism is adapted to determine position and wear of the CAM-ring. .

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

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A FUEL INJECTION PUMP		
(51) International classification	:F02M61/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALAN REGAN
(61) Patent of Addition to Application Number	:NA	2)VENKATESH K R
Filing Date	:NA	3)SUNIL KUMAR V
(62) Divisional to Application Number	:NA	4)DIAFERIA ANTONIO
Filing Date	:NA	

(57) Abstract :

A high pressure pump 100 comprises a barrel housing 101. A fluid passage 102 in the barrel housing 101 opens into and interfaces with a valve cone 103 of a valve holder assembly. The valve cone 103 comprises a spherical filleted profile. The valve cone 103 fluidly connects the fluid passage 102 to the injector. The valve cone 103 has a flange head, the top surface of the flange head contacts the valve holder 104 though the spherical filleted profile. The contact point of the barrel housing 101 with the valve cone 103 is through the spherical filleted provided at the bottom of the valve cone 103.

No. of Pages : 9 No. of Claims : 6

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METERING APPARATUS WITH A GAS MIXER AND METHOD FOR THE CONTROL OF MIXTURE FORMATION

(51) International classification:F02M(31) Priority Document No:10 201(32) Priority Date:16/01//(33) Name of priority country:Germa(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NAState:NA	 (71)Name of Applicant : 1)MAN TRUCK & BUS AG Address of Applicant :DACHAUER STR. 667, 80995 (2013 MUNCHEN Germany (72)Name of Inventor : 1)PRUMM, FRANZ WERNER 2)STEINERT, RALF
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(57) Abstract :

MAN Truck & Bus AG Nuremburg, 13.01.2012 Abstract Metering apparatus for a gas engine and method for the control of mixture formation A metering apparatus and a method for a gas engine are proposed, a combustible gas being metered to a mass air flow in the mixing chamber (15) of a gas mixer (7), a control unit (8) controlling the metering of the gas as a function of engine rotational speed (n) and engine load (r). A highly dynamic pressure regulator (RP) feeds the gas into an annular space (6) surrounding the mixing chamber (15). Metering bores (16) lead from the annular space (6) to the mixing chamber (15), the bore diameters of which metering bores being designed such that a supercritical gas flow is achieved in the metering bores (16).

No. of Pages : 14 No. of Claims : 12

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FIXED TYPE CONSTANT VELOCITY UNIVERSAL JOINT

(51) Internationalclassification(31) Priority Document No(32) Priority Data	:F16D3/20,C10M101/02,C10M115/08 :2010176451 :05/08/2010	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Oseka chi Oseka 5500003 Janan
(32) Filolity Date (33) Name of priority country (86) International	:Japan	(72)Name of Inventor : 1)YOSHIDA Kazuhiko 2)SONE Kajanko
Application No Filing Date	:PCT/JP2011/066311 :19/07/2011	2)SONE Keisuke 3)KOHARA Mika
Publication No	:WO 2012/017815	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fixed type constant velocity universal joint is provided which is capable of realizing at a low cost excellent durability and excellent performance under high load conditions low load conditions and high angle conditions. The fixed type constant velocity universal joint has lubricating grease sealed inside the joint. The surface roughness of a ball (37) is $Ra = 0.15 \mu m$ or less while the surface roughness of the other surface against which the ball rolls is rougher than the surface roughness of the ball (37). An additive composition for the lubricating grease comprises a base oil a diurea compound molybdenum dithiocarbamate a zinc dialkyldithiophosphate melamine cyanurate molybdenum disulfide and a calcium salt of an alkyl aromatic sulfonic acid.

No. of Pages : 53 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :15/01/2013

(54) Title of the invention : A PORTABLE ELECTRONIC THERAPY DEVICE AND METHOD THEREOF

(51) International classification	:A61N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RADHAKRISHNAN RAMDAS
(32) Priority Date	:NA	Address of Applicant : ITRACE NANOTECH PVT. LTD., A-
(33) Name of priority country	:NA	1, VIKRAMPURI, SECUNDERABAD - 500 009 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	2)BHASKARA RAO BANDARU
(87) International Publication No	: NA	3)KRISHNAMOHAN SHARMA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RADHAKRISHNAN RAMDAS
(62) Divisional to Application Number	:NA	2)BHASKARA RAO BANDARU
Filing Date	:NA	3)KRISHNAMOHAN SHARMA

(57) Abstract :

The present disclosure relates to an electronic therapy device including automatic controlled application of energies along with feedback control using sensors for improved synergistic effects and further the device is configured to be used for longer periods of time for improved and optimal therapeutic results without causing any adverse effects, the device can be used for pain management, healing, fitness, cosmetic and topical delivery related applications and a method for performing electronic therapy using the said portable electronic device.

No. of Pages : 36 No. of Claims : 37

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM MOBILE STATION SWITCHING CENTER AND METHOD FOR POSITION REGISTRATION FOR MOBILE STATION

 (51) International classification (31) Priority Document No (2011176557 (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) Japan (86) International Application (86) International Application (87) International Publication No (97) International Publication NA (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (NA SNA 	 (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)ONISHI Koji 2)TAMURA Toshiyuki 3)SASAKI Hidenobu 4)OKABE Jyunya
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(57) Abstract :

The present invention abates network loads caused by changes in selection of position registration devices on the circuit switching network side fluctuation in number of installations and the like. A mobile communication system includes a mobile station a packet switching station and a plurality of position registration devices for managing the position of the mobile station. After one position registration device has been selected from among the plurality of position registration devices for the mobile station the mobile station the mobile station transmits a Network Resource Identifier (NRI) included within a Temporary Mobile Station Identifier (TMSI) to the packet switching station at the time of position registration. The packet switching station registration from the position registration device on the basis of the NRI.

No. of Pages : 39 No. of Claims : 5

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : USE OF AVE0010 FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF DIABETES MELLITUS TYPE 2

(51) Internationalclassification(31) Priority Document No.	:A61K38/22,C07K14/575,A61P3/10	(71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :Br ¹ /ningstrae 50 65929 Frankfurt am
(32) Priority Date(33) Name of priority country	:NA :NA	Main Germany (72) Name of Inventor :
(86) International Application No Filing Date	¹ :PCT/EP2010/062638 :30/08/2010	1)BOKA Gabor 2)MIOSSEC Patrick 3)SILVESTRE Louise
(87) International Publication No	:WO 2012/028172	
(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 refers to the use of Lixisenatide or/and a pharmaceutically acceptable salt thereof for the manufacture of a medicament for the treatment of diabetes mellitus type 2 for inducing weight loss in diabetes type 2 patients or/and for preventing weight gain in diabetes type 2 patients.

No. of Pages : 63 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F11/36 :1016077.8 :24/09/2010 :U.K. :PCT/GB2011/051410 :25/07/2011	 (71)Name of Applicant : 1)ARM LIMITED Address of Applicant :110 Fulbourn Road Cherry Hinton Cambridge CB1 9NJ U.K. (72)Name of Inventor : 1)WILLIAMS Michael John
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CRASKE Simon John

(54) Title of the invention : DEBUGGING OF A DATA PROCESSING APPARATUS

(57) Abstract :

A data processing apparatus is provided comprising data processing circuitry and debug circuitry. The debug circuitry controls operation of the processing circuitry when operating in a debug mode. The data processing circuitry determines upon entry into a debug mode a current operating state of the data processing apparatus. The data processing circuitry allocates one of a plurality of instruction sets to be used as a debug instruction set depending upon the determined current operating state.

No. of Pages : 40 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PANEL DOOR ASSEMBLY WITH BI-DIRECTIONAL OPENING OF THE DOOR

(51) International classification(31) Priority Document No(32) Priority Date	:E05D15/00 :NA :NA	 (71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country(86) International Application No	:NA :NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)PRASHANTH H N RAO 2)DAYANAND PATIL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)NAVEEN KUMAR 4)RAGHAVENDRA MARDI
(62) Divisional to Application Number Filing Date	:NA :NA	5)RAJATH KELAMANE

(57) Abstract :

A panel door assembly has a set of hinges mounted on the corners of the door frame. A set of hinge rods are mounted on left and right side of the door to vertically slide inside the hinges, and a set of rotary handles are respectively provided in each side for connecting the hinge rods such that the actuation of the rotary handle slides the hinge rods within the hinges. A set of sliding rods are mounted on the top and bottom side of the door to horizontally slide inside the hinges. Rotary arm are respectively provided in each side for connecting the sliding rods such that the rotary arm revolves to direct the sliding rods. A set of springs are respectively loaded with each of the sliding rods for reversing the horizontal motion of the sliding rods in a required direction with respect to the rotation of the rotary arm. The rotary handles are respectively operated to move the hinge rods and the sliding rods such that the particular hinge rods open the respective hinges and the other side hinge rod acts as axis of rotation of door for door operation.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTIVATING LICENSABLE COMPONENT USING AGGREGATING DEVICE IN HOME 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 	:H04N7/16,H04N17/00 :61/412552 :11/11/2010 :U.S.A. :PCT/US2011/055043 :06/10/2011 :WO 2012/064432 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108 (0075 Japan (72)Name of Inventor : 1)SHINTANI Peter 2)DOUILLET Ludovic Etienne
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(57) Abstract :

An aggregation device (e.g. 12 200 208 202 210 212) in a home network accumulates information from audio video apparatuses (e.g. 12 200 208 202 210 212) in the network that the apparatuses require enablement of respective licensable components for which no license event has yet occurred. The aggregation device sends an indication of the license events to a server (206) so that appropriate royalties may be paid post sale of the various devices.

No. of Pages : 32 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FILTERING SOCIAL NETWORKING INFORMATION TO PROVIDE CUSTOMIZED MAPPING

 (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 	:g06f :12/926620 :30/11/2010 :U.S.A. :PCT/US2011/053724 :28/09/2011 :WO 2012/074597 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Tokyo 108 0075 Japan (72)Name of Inventor : 1)KENNEDY Sean P. 2)CARPIO Fredrik 3)CRISAN Adrian 4)GARAY Rommel M. 5)LYONS Gary R. 6)WINTER Edward T. 7)CHANG Michael 8)KISHIMOTO Toyoaki 9)LAWTON Andrew L.
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(57) Abstract :

User specific information such as the social networking cloud of relevant metadata is used to find real time information and provide visual feedback to users regarding the presence of other users at particular locations. In one example the information is displayed on localized map images with visual indicators such as dots indicating the presence of other users having desired characteristics.

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

 (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 	:B60T15/18,B60T8/22 :2010172018 :30/07/2010 :Japan :PCT/JP2011/004132 :22/07/2011	 (71)Name of Applicant : 1)NABTESCO CORPORATION Address of Applicant :7 9 Hirakawacho 2 chome Chiyoda ku Tokyo 1020093 Japan (72)Name of Inventor : 1)YAMANAKA Masatami
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(54) Title of the invention : VARIABLE LOAD VALVE AND BRAKE CONTROL DEVICE

(57) Abstract :

The disclosed variable load valve (21) is provided with a first diaphragm member (41) a second diaphragm member (42) a piston (40) a force transmission member (43) and a diaphragm affixing member (45). The first diaphragm member (41) deflects due to the pressure inside a pilot chamber into which air is introduced at a pressure corresponding to a vehicle weight. The second diaphragm member (42) deflects due to the pressure inside an output chamber for outputting a load compensating pressure. The piston (40) generates the load compensating pressure by moving axially in accordance with the deflection of the first and second diaphragm members (41 and 42). The force transmission member (43) comprises: a pressure receiving part (43b) which has a pressure receiving surface (43d) that is subjected to a pressing force due to the deflection of the second diaphragm member (42); and an extension part (43c) which extends radially from a fixed part (43a). The force transmission member transmiss to the piston (40) a force in accordance with the pressing force that the pressure receiving surface (43d) is subjected to from the second diaphragm member (42). The diaphragm affixing member (45) is formed separately from a block (25) affixes the periphery of the second diaphragm member (42) to said block (25) and sets the surface area of the pressure receiving surface (43d) of the force transmission member (43).

No. of Pages : 34 No. of Claims : 5

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION CONTAINING A PYRIPYROPENE INSECTICIDE AND A BASE

 (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 	:A01N25/22,A01N53/00,A01N43/90 :61/382513 :14/09/2010 :U.S.A. :PCT/EP2011/065848 :13/09/2011 :WO 2012/035010 :NA :NA :NA	 (71)Name of Applicant : BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : DIELEMAN Cedric KNIERIEM Torsten KRAPP Michael KIERKUS Paul Ch. XU Wen BENTON Kara
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a composition comprising a pyripyropene pesticide of the formula (I) or (II) as defined below and a base. The present invention relates also to methods of preparing and applying such compositions as well as several uses thereof and finally seeds comprising said composition.

No. of Pages : 40 No. of Claims : 24

(21) Application No.3539/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/05/2013

(43) Publication Date : 05/12/2014

(51) International classification	:G01N23/04,G21K1/06	(71)Name of Applicant :
(31) Priority Document No	:10190351.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/11/2010	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/054890	2)PHILIPS INTELLECTUAL PROPERTY &
Filing Date	:03/11/2011	STANDARDS GMBH
(87) International Publication No	:WO 2012/063169	(72)Name of Inventor :
(61) Patent of Addition to Application	٠NIA	1)VOGTMEIER Gereon
Number		
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GRATING FOR PHASE CONTRAST IMAGING

(57) Abstract :

The present invention relates to foil gratings for X ray differential phase contrast imaging a detector arrangement and an X ray imaging system for generating phase contrast images of an object and a method of producing a foil grating. In order to provide gratings with a high aspect ratio a foil grating (40) for X ray differential phase contrast imaging is provided with a first foil (42) of X ray absorbing material; and at least a second foil (44) of X ray absorbing material. The at least two foils each comprise a plurality of X ray absorbing stripes spaced from each other by X ray transparent apertures wherein the first foil comprises a first plurality (46) of first stripes (48) with a first width w (50) and a first plurality (52) of first apertures (54) with a first opening width w (56) arranged periodically with a first pitch p (58) and wherein the second foil comprises a second plurality (60) of second stripes (62) with a second width w (64) and a second plurality (66) of second apertures (68) with a second opening width w (70) arranged periodically with a second pitch p (72). The at least two foils are arranged displaced to each other such that the second stripes are positioned in front of the first apertures such that for the passage of X ray radiation a plurality (74) of resulting slits (76) is provided with a resulting slit width W (78) that is smaller than the first w and the second opening width w. The at least two foils are fixedly attached to each other.

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

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CURRENT LIMITER CIRCUIT FOR CONTROL AND PROTECTION OF MOSFET (51) International classification :H01L (71)Name of Applicant : 1)COSMIC CIRCUITS PRIVATE LIMITED (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :303, A BLOCK, AECS LAYOUT, (33) Name of priority country KUNDALAHALLI. BANGALORE - 560 037 Karnataka India :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)SANDEEP ANAND** (87) International Publication No : NA 2) RUPAK GHAYAL (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A circuit for controlling a Metal Oxide Semiconductor Field Effect Transistor (MOSFET) to generate a DC output voltage from a DC input voltage includes a first MOSFET and a second MOSFET. The circuit includes a gate resistor coupled to the first MOSFET. The circuit includes a first resistor and a zener diode coupled to the second MOSFET. In addition, the circuit includes a diode coupled to the zener diode and the first MOSFET. The circuit includes a first current path wherein the first current path includes the diode and the first MOSFET. The circuit includes a first current path wherein the first current path includes the diode and the first MOSFET. The circuit includes a first current path wherein the first current path includes the diode and the first MOSFET. The circuit includes a third MOSFET. Further, the circuit includes a Resistor-Capacitor (RC) filter coupled to source terminal of the third MOSFET. The circuit includes a third resistor having a first terminal and a second terminal, wherein the second terminal is coupled to drain terminal of the third MOSFET. The circuit also includes a fourth MOSFET.

No. of Pages : 25 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FIXING OF VACUUM INSULATION PANELS IN COOLING APPARATUSES

 (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 	:B29C44/12,B29C44/58,C08G18/18 :10178194.6 :22/09/2010 :EPO :PCT/EP2011/065009 :31/08/2011 :WO 2012/038215 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)ELBING Mark 2)SCHTTE Markus 3)KROGMANN Jrg 4)KLASSEN Johann 5)BOOS J¹/₄rgen
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

Use of a polyurethane (PU) foam reaction system comprising a) organic and/or modified organic polyisocyanates together with b) at least one relatively high molecular weight compound having at least two hydrogen atoms which are reactive toward isocyanate groups and optionally c) low molecular weight chain extenders and/or crosslinkers in the presence of d) blowing agents e) catalysts f) foam stabilizers and optionally g) further auxiliaries and/or additives wherein the components a) to g) are selected such that a closed cell polyurethane foam having a free foamed bulk density of from 50 to 1100 g/l and a compressive strength of = 15 kPa is obtained and rigid integral foams are excluded for the fixing of vacuum insulation panels (VIPs) over an area of the inside of an outer wall of a cooling apparatus and/or of the outside of a wall of the inner container of a cooling apparatus. In addition a process for producing composites comprising a wall of a cooling apparatus a PU foam layer derived from the abovementioned PU foam reaction system and at least one VIP is described.

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

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LOCKING SYSTEM FOR FIGHTER AND TRAINER AIRCRAFT CANOPIES WITH MISTAKE PROOFING WHICH OPERATES ONLY WHEN CANOPY IS CLOSED

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)C. KUPPURAJ (DGM)
(61) Patent of Addition to Application Number	:NA	2)A JEEVAN PRAKASH (SM)
Filing Date	:NA	3)PREM RAJ V (M)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanical system is needed to facilitate locking of the canopy of the aircraft in opened and closed positions. The system-should also ensure that the canopy does not get opened unintentionally due to vibration during fight. The system requires safety features which ensures partial locking is not stable. Also need an in-built mechanism which prohibits the lock operation itself in any partially closed condition of the canopy. The system also requires indication for locked / unlocked conditions. The system required to be simpler in design and operation, occupy less space and require less maintenance. Such a system was developed indigenously and proved successful on fighter aircraft.

No. of Pages : 13 No. of Claims : 6

(21) Application No.3801/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SWITCHING MECHANISM OF CLAMP (51) International classification:B25J15/00,B25J19/00,B65G57/00 (71)Name of Applicant: **1)CHINA ALUMINUM INTERNATIONAL** (31) Priority Document No :201020583482.5 ENGINEERING CORPORATION LIMITED (32) Priority Date :29/10/2010 (33) Name of priority country :China Address of Applicant : Building C No. 99 Xingshikou Road (86) International Application Haidian District Beijing 100093 China :PCT/CN2011/000194 No (72)Name of Inventor : :01/02/2011 Filing Date **1)SHENG Boqing** (87) International Publication 2)LI Yaping :WO 2012/055141 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A switching mechanism of a clamp includes clamping plates (1) and crank arm mechanisms (2). The upper ends of crank arm mechanisms (2) are connected with a common hanger beam (9). The upper part of the hanger beam (9) is equipped with a guide chute (10) where slidable insert plates (3) are arranged. Each insert plate (3) has a key shape groove (4) composed of a long strip hole and a large round hole. The hanger beam (9) is provided with a hydraulic driving unit (6) which can drive the insert plates (3) moving. One support rod (5) is provided in the groove (4) of each insert plate (3) and a boss (7) is formed on the upper end of each support rod (5). The diameter of the boss (7) is greater than the width of the long strip hole and less than the diameter of the large round hole. The lower end of each support rod (5) is connected with a set of clamping plates (1) through a short connecting rod (11). The mechanism has a simple structure and a low manufacturing cost. The mechanism is not influenced by the height error of carbon blocks during the operation thereby being easy to operate and difficult to damage.

No. of Pages : 10 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING DITHIIN TETRACARBOXIMIDES

(57) Abstract :

The present invention relates to a novel method for producing dithiin tetracarboximides.

No. of Pages : 16 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WELDING METHOD AND WELDING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B23K11/11,B23K11/24,B23K11/30 :2010198504 :06/09/2010 y:Japan :PCT/JP2011/070134 :05/09/2011	 (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)GOTO Akira 2)MIYASAKA Shinichi
(87) International Publication	¹ :WO 2012/033040	3)IKEDA Tatsuro 4)AOKI Yushi 5)IGAUE Mitsutaka
(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 resistance welding method and a resistance welding device. A resistance welding device (10) is provided with a lower tip (32) and an upper tip (38) which serve as welding tips and pressing rods (46a 46b) which serve as pressing members. Among the above mentioned elements the upper tip (38) and the pressing rods (46a 46b) press a stacked body (48a) which is to be welded from the metallic plate (54a) side which is the outermost member of the stacked body (48a) and the lower tip (32) presses the stacked body (48a) from the lowermost metallic plate (50a) side. In this state an electric current is conducted from the upper tip (38) to the lower tip (32).

No. of Pages : 159 No. of Claims : 19

(21) Application No.1940/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR PERFORMING POWERED THREADING OPERATIONS AND METHOD THEREFOR

(51) International classification	:B23G1/04,B23G1/22,B23G1/24	(71)Name of Applicant :
(31) Priority Document No	:61/374038	1)EMERSON ELECTRIC CO.
(32) Priority Date	:16/08/2010	Address of Applicant :8000 West Florissant Avenue St. Louis
(33) Name of priority country	:U.S.A.	Missouri 63136 U.S.A.
(86) International Application No.	D:PCT/US2011/047758	(72)Name of Inventor :
Filing Date	:15/08/2011	1)KUNDRACIK Richard
(87) International Publication No.	:WO 2012/024221	2)GRESS Paul W.
(61) Patent of Addition to	·NA	3)HAMM James E.
Application Number	·NA	4)CHARTIER Glen R.
Filing Date	.INA	
(62) Divisional to Application	·NA	
Number	·NA	
Filing Date	.11/2	

(57) Abstract :

A device (101) and associated system for threading cutting and reaming pipe ends are described. The device (110) and system utilizes a brushless DC electric motor (28). The devices (110) also includes on board electronics and operator interface (s) to provide sophisticated control and information as to the various operations. Also described are methods of operating the device and several different modes for performing various operations.

No. of Pages : 96 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEMS METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR SPATIALLY SELECTIVE AUDIO AUGMENTATION

 (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 	:H04R5/033,H04R3/00 :61/445974 :23/02/2011 :U.S.A. :PCT/US2012/026120 :22/02/2012 :WO 2012/161781 :NA :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)PARK Hyun Jin 2)CHAN Kwokleung 3)LI Ren
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Spatially selective augmentation of a multichannel audio signal is described.

No. of Pages : 75 No. of Claims : 37
(21) Application No.7120/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 05/12/2014

 (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 	:H04N7/32 :2011054817 :11/03/2011 :Japan :PCT/JP2012/054858 :28/02/2012 :WO 2012/124461 :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)SATO Kazushi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(57) Abstract :

The present technology relates to an image processing device and method that enable an increase in encoding efficiency with respect to quantization parameters. The present invention is provided with: a predicted quantization parameter setting unit that sets predicted quantization parameters with respect to a current coding unit using a plurality of quantization parameters set in a plurality of peripheral coding units that are positioned in the periphery of the current coding unit that is the subject of encoding processing; and a differential quantization parameters set in the current coding unit and the predicted quantization parameters set by the predicted quantization parameter setting unit. The present disclosures for example can be applied to an image processing device.

No. of Pages : 188 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

 (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 	:A61B5/151 :10168956.0 :08/07/2010 :EPO :PCT/EP2011/061538 :07/07/2011 :WO 2012/004356	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :Br¼ningstrasse 50 65929 Frankfurt Germany (72)Name of Inventor : 1)RICHTER Frank 2)MACARTHUR Ross
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2011/061538	(72)Name of Inventor :
Filing Date	:07/07/2011	1)RICHTER Frank
(87) International Publication No	:WO 2012/004356	2)MACARTHUR Ross
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ALLOWING MEASUREMENTS TO BE MADE OF A BLOOD SAMPLE

(57) Abstract :

An apparatus and a method for measuring a property of a blood sample is shown. The apparatus comprises a housing having an aperture; a shaft (204) mounted inside the housing; a testing member (505) rotatably mounted on the shaft; an actuating member (501 502) coupled to the housing and configured to exert a force against the testing member; and a lancet (506) for eliciting a blood sample fixedly coupled to and protruding substantially radially from the testing member and configured to co rotate with the testing member. The apparatus is further configured such that the lancet is aligned with the aperture in the housing when the testing member is in a first position. The testing member is configured in the presence of a force exerted against the testing member by the actuator member to translate to a second position in which the lancet is in a skin penetrating position.

No. of Pages : 56 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISTILLATION TOWER FOR IMPROVING YIELD OF PETROLEUM HYDROCARBON DISTILLATE AND FEEDING 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 (62) Divisional to Application Number Filing Date 	:C10G7/00,C10G7/12 :201010519177.4 :26/10/2010 :China :PCT/CN2011/000665 :15/04/2011 :WO 2012/055145 :NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : (1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :No. 22 Chaoyangmen North Street (7a)vang District Beijing 100728 China (2)RESEARCH INSTITUTE OF PETROLEUM PROCESSING SINOPEC (72)Name of Inventor : (72)Name of Inventor : (72)MAO Junyi (7
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(57) Abstract :

A method for improving yield of petroleum hydrocarbon distillate in a distillation tower (6) comprises: preheating raw oil of petroleum hydrocarbon ready for fractionation; feeding it to a vaporization section (11) through a pressure feed system (3) under a pressure 100 1000 kPa higher than the vaporization section (11) of the distillation tower (6) for simultaneous atomizing and vaporizing; then feeding it to a fractionation section (13) for distillation separation; and finally discharging distillate product from the top and/or side of the tower and unvaporized heavy oil from the bottom. A distillation tower (6) for improving yield of petroleum hydrocarbon distillate comprises a vaporization section (11) and a fractionation section (13) and further comprises a pressure feed system (3) for feeding the raw oil of petroleum hydrocarbon ready for fractionation under a pressure 100 1000 kPa higher than that in the vaporization section (11) of the distillation tower (6).

No. of Pages : 34 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(51) International classification	:B62D25/08	(71)Name of Applicant :
(31) Priority Document No	:2010290006	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:27/12/2010	Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country	:Japan	Hamamatsu shi Shizuoka 4328611 Japan
(86) International Application No	:PCT/JP2011/076160	(72)Name of Inventor :
Filing Date	:14/11/2011	1)MIYAZAKI Akito
(87) International Publication No	:WO 2012/090603	2)OHNO Shinji
(61) Patent of Addition to Application	٠NIA	3)MASUDA Idemitsu
Number	.117	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICLE BODY FOREPART STRUCTURE

(57) Abstract :

Provided is a vehicle body forepart structure that is simple in structure does not increase vehicle manufacturing costs and can further protect the legs of a pedestrian that has come into contact with the vehicle body forepart. The vehicle body forepart structure includes a pair of headlights (2) on the right and left in the vehicle width direction a pair of side members (3) arranged on the right and left in the vehicle width direction a pair of side members (3) arranged below the pair of side members (3) and along the vehicle width direction between the pair of side members (3) wherein: there is no bumper member in front of the side members (3); a shock absorbing part (7a) is arranged in front of the front surface (3b) of each side member (3); and the front surface of each headlight (2) the front surface of each shock absorbing part (7a) and the front end of each end in the vehicle width direction of the lower cross member (4) are arranged on a straight line that extends in the vertical direction of the vehicle when viewed from the front of the vehicle and that is inclined obliquely rearward toward the upper side of the vehicle when viewed from the side of the vehicle.

No. of Pages : 33 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/02/2013

(54) Title of the invention : HIGH VOLTAGE SHIELDING DEVICE AND A SYSTEM COMPRISING 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 	:H01F27/04,H01F27/36,H01B17/26 :61/362562 :08/07/2010 :U.S.A. :PCT/EP2011/061375 :06/07/2011 :WO 2012/004289	 (71)Name of Applicant : (71)Name of Applicant : Address of Applicant :Affolternstrasse 44 CH 8050 Z!/4rich Switzerland (72)Name of Inventor : (72)Name of Inventor :
Application Number Filing Date	:NA :NA	7)STRAND Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

It is presented a high voltage shielding device (1) comprising a main body (2) having an enclosing outer solid insulating wall (2 1) an outer electrode (3) arranged on the solid insulating wall (2 1) providing a first level of insulation to the outer electrode (3) and a first inner electrode (4a) which is uninsulated or has a coating providing a second level of insulation which second level of insulation is lower than the first level of insulation. The first inner electrode (4a) is oriented relative the outer electrode (3) in such a way that the first inner electrode (4a) mainly shields a component of an electric field (E) which is perpendicular to a component of an electric field (E) mainly shielded by the outer electrode (3).

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :04/02/2013

(54) Title of the invention : PORTABLE DEVICE FOR MONITORING AND REPORTING OF MEDICAL INFORMATION FOR THE EVIDENCE BASED MANAGEMENT OF PATIENTS WITH CHRONIC RESPIRATORY DISEASE

 (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 	:A61B5/00,A61B5/0205,A61B5/08 :NA :NA :NA :PCT/IT2010/000361 :09/08/2010 :WO 2012/020433	 (71)Name of Applicant : 1)MIR SRL MEDICAL INTERNATIONAL RESEARCH Address of Applicant :Via del Maggiolino 125 I 00155 Roma Italy (72)Name of Inventor : 1)BOSCHETTI SACCO Paolo 2)SALTINI Cesare 3)CALZETTA Luigino
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to an integrated tele health system/device for the monitoring and reporting of medical information for the evidence based management of patients with chronic respiratory disease. The device comprises substantially a central unit which measures and collects information related to the state of health of the patient and it is provided with means for wireless or cable transmission of the collected data using a microprocessor based system with a touch screen display USB communication port and Bluetooth. According to the invention the device further comprises: a removable sensor for the measurement of respiratory air flow and volume a removable pulse oximetry sensor and a motion sensor. Stored data can be then delivered through landline broadband wireless and cell phone technology to be received by a web server and can then be accessed by medical staff. Being completely portable the device according to the invention is provided with a battery of known type which can be substituted by the user or it can be rechargeable.

No. of Pages : 32 No. of Claims : 16

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FRACTIONAL MELT INDEX POLYETHYLENE COMPOSITION AND FILMS 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 (62) Divisional to Application Number Filing Date 	:C08L23/06 :61/503051 :30/06/2011 :U.S.A. :PCT/US2012/041450 :08/06/2012 :WO 2013/002997 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)EFFLER Lawrence J. 2)DEN DOELDER Conrelis F.J. 3)WANG Jian
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(57) Abstract :

A reactor blend polyethylene composition comprising: from 35 to 70 percent by weight of a first polyethylene component; and a second polyethylene component; wherein the polyethylene resin has a melt index I2 of less than 1 dg/min and greater than or equal to 0.25 dg/min and exhibits a V0.1/V100 of greater than or equal to 9; and wherein the first and second polyethylene components are produced in continuous dual solution polymerization reactors wherein the second polyethylene component is produced in the presence of the first polyethylene component and wherein a Ziegler Natta catalyst is present in each of the first and second polymerization reactors is provided. Also provided are methods for producing the polyethylene resin and films made therefrom.

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

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOTION VECTOR CALCULATION METHOD IMAGE CODING METHOD IMAGE DECODING METHOD MOTION VECTOR CALCULATION DEVICE AND IMAGE CODING/DECODING 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 	:H04N7/32 :61/416822 :24/11/2010 :U.S.A. :PCT/JP2011/006517 :22/11/2011 :WO 2012/070235 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)SUGIO Toshiyasu 2)NISHI Takahiro 3)SHIBAHARA Youji 4)SASAI Hisao
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(57) Abstract :

A motion vector calculation method for improving the compression rate comprises: a selection step for selecting one reference motion vector which a reference block has; and a calculation step for calculating the motion vector of a block to be processed using the one reference motion vector selected in the selection step. In the selection step when the reference block has two reference motion vectors (S121) one reference motion vector is selected from the two reference motion vectors on the basis of whether the reference block is located in front of or behind the block to be processed in display time order (S123 S124) and when the reference block has only one reference motion vector (S125 S127) the one reference motion vector is selected (S126 S128).

No. of Pages : 111 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COMBINED SINGLE METHOD OF CONTROLLING ARSENIC LEVELS IN ENVIRONMENT AND EXTRACTION OF GOLD USING A COMMON AQUATIC PLANT, EICHHORNIA CRASSIPCS(MARTIUS) SOLMS-LAUBACH (PONTEDE RIACEAE)

(51) International classification	:B09C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT,
(33) Name of priority country	:NA	OPP. DAYANANDA SAGAR COLLEGE BANGALORE-
(86) International Application No	:NA	560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAYARAMA REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Arsenic poisoning is an acute problem in northern and eastern India. The problem is severe in West Bengal, Bangladesh and also in Karnataka. The gangetic plains are affected by high levels of arsenic $(4000\mu g/ml)$. The permitted level of arsenic in drinking water is l0ppm ($10\mu g/ml$). The high level of arsenic lead to arseno sclerosis after leading to cancer of the skin, the incidence of arsenic poisoning in South East Asia is alarming. The present invention is easy to use and meets the cost of remediation of arsenic in the environment by allowing extraction of gold (phytomining) from the environment by the common aquatic plant, water hyacinth (Eichhornia crassipes). Key words: phytoremediation of arsenic, phytomining of gold

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

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTINIC RADIATION-CURING TYPE INK SET, INKJET RECORDING METHOD, AND PRINTED MATERIAL

 (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 	:C09D :2012- 047974 :05/03/2012 :Japan :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor : 1)MOCHIZUKI KYOHEI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Disclosed is an actinic radiation-curing type ink set comprising a colored ink composition and a clear ink composition (C1), the colored ink composition comprising (Component A1) a radically polymerizable compound, (Component B1) a polymerization initiator, and (Component D) a colorant, and the clear ink composition (C1) comprising (Component A2) a radically polymerizable compound, (Component B2) a polymerization initiator, and (Component S) an organic solvent.

No. of Pages : 120 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A STEAMER HEAD FOR A GARMENT STEAMER

(57) Abstract :

The present invention relates to a steamer head for a garment steamer comprising a main body (2) with a front end (8) a steam outlet (11) and an air inlet (25) formed in the front end (8). A suction force is applied to draw air through the air inlet (25) so that a fabric of a garment disposed proximate the front end (8) is drawn against the front end (8) by the suction force. Further steam is applied to the fabric of a garment through the steam outlet (11). The front end (8) of the main body (2) comprises first and second surfaces (10 2). The steam outlet (11) is formed in the first surface (10) and the air inlet (25) is formed in the second surfaces (10 2). The steam outlet (12) and steam is applied to the fabric at the first surface (10). The first and second surfaces (10 12) together forma convex surface. The present invention also relates to a garment steamer comprising a 10 steamer head and a method of removing creases from a garment using a garment steamer.

No. of Pages : 17 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUSPENSION ASSEMBLY WITH TIE PLATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B60G5/02,B60G11/24,F16F1/40 :12/876158 :05/09/2010 :U.S.A. :PCT/US2011/049829	 (71)Name of Applicant : 1)HENDRICKSON USA LLC Address of Applicant :500 Park Boulevard Suite 1010 Itasca IL 60143 1285 U.S.A. (72)Name of Inventor : 1)NOBLE Shawn D.
Filing Date	:31/08/2011	
(87) International Publication No	:WO 2012/030883	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tie plate (706) comprising a lower mounting flange that is removably attachable to a first frame hanger (702) and to a second frame hanger (704) wherein the lower mounting flange includes a first set of attachment holes that correspond to a set of attachment holes at the first frame hanger wherein the lower mounting flange includes a second set of attachment holes that correspond to a set of attachment holes at the second frame hanger an extending member (732) having a first end that extends at an angle from the lower mounting flange (730) extending from a second end of the extending member wherein the upper mounting flange has one or more mounting holes (750) adapted for attachment of the tie plate to an undercarriage of a vehicle.

No. of Pages : 145 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/12/2014

 (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 	:H01H3/02,H01H1/20 :10 2010 045 629.2 :17/09/2010 :Germany :PCT/EP2011/004624 :15/09/2011 :WO 2012/034698 :NA ·NA	 (71)Name of Applicant : 1)GEORG SCHLEGEL GMBH & CO. KG Address of Applicant :Am Kappellenweg 88525 D¼rmentingen Germany (72)Name of Inventor : 1)SCHLEGEL Eberhard 2)BLANK Kurt 3)DOLPP Rudolf
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)DOLPP Rudolf
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SINGLE ROW EMERGENCY STOP SWITCH CONTACT DEVICE

(57) Abstract :

The invention relates to an electrical contact device (1) in particular an emergency stop switch contact device comprising a first switch contact unit (4) for creating or disconnecting an electrically conductive connection and a second switch contact unit (5) for creating or disconnecting an electrically conductive connection wherein a first contact side (6) of the first switch contact unit is connected to a first contact side (9) of the second switch contact unit and a second contact side (7) of the first switch contact unit is connected to a first connection contact (15) of the contact device and a second contact side (10) of the second switch contact unit is connected to a second connection contact (17) of the contact device and wherein the two switch contact units are designed to be actuated by a movable push rod (3) acting thereon characterised in that the two connection contact unit are arranged in relation to the push rod opposite each other on the contact device and wherein the first and the second switch contact unit are arranged inside a mounting unit (3) that is provided for connection to an actuating device.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TERMINAL DEVICE BASE STATION DEVICE COMMUNICATION SYSTEM AND COMMUNICATION 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 	:H04J99/00,H04B7/04,H04W28/18 :2010197884 :03/09/2010 :Japan :PCT/JP2011/069759 :31/08/2011 :WO 2012/029845	 (71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan (72)Name of Inventor : 1)SHIMEZAWA Kazuyuki 2)NOGAMI Toshizo
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A communication system for providing communication between a mobile terminal and a base station using a precoding technique wherein communication is performed efficiently. A terminal device notifies a base station device of information indicating the codebook supported by the terminal device from among a plurality of codebooks. The base station device determines the transmission mode on the basis of the information indicating the codebook supported by the terminal device.

No. of Pages : 42 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/01/2013

(54) Title of the invention : COMPOSITION FOR TREATING TYPE-II DIABETES AND METHODS FOR PREPARATION THEREOF

(51) International classification	·A61K	(71)Name of Applicant •
(31) Priority Document No	:NA	1)M/S ARVIND REMEBIES LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 190, POONAMALLEE HIGH
(33) Name of priority country	:NA	ROAD, CHENNAI - 600 084 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. C. SENTHILKUMAR
(87) International Publication No	: NA	2)MR. ANKUR AGARWAL
(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 pharmaceutical composition for treating type II diabetic comprising ursodeoxycholic acid as immediate release layer, metformin hydrochloride and a pharmaceutically acceptable carrier as sustain release layer and mecobalamin as immediate release layer or coated over the other two layers wherein the medicament is optionally coated.

No. of Pages : 19 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONNECTOR FOR FLAT CABLES

(51) International classification	:H01R31/06,H01R12/81,H01R13/52	(71)Name of Applicant : 1)YAZAKI CORPORATION
(31) Priority Document No	:2010182112	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(32) Priority Date	:17/08/2010	1080073 Japan
(33) Name of priority country	y:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/068423 :12/08/2011	1)MIURA Kazunori 2)OHYAMA Kouichi
(87) International Publication No	¹ :WO 2012/023506	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This connector comprises: a connector housing (11) on one side of which is formed a flat cable terminal section insertion section (13) wherein a flat cable terminal section (26) is inserted and on the other side of which is formed an interlocking hood section (15) wherein a mating connector (5) in an electric wire terminal connected to a flat cable (2) interlocks; and a relay terminal (3) which is accommodated inside the connector housing (11) connects with a terminal fitting (7) in an electrical wire terminal one end of which is connected to the flat cable terminal section (26) and the other end of which is accommodated in the mating connector (5) and connects the flat cable (2) and electrical wire (6). A sealant accommodating section (17) wherein a sealant (9) which is attached to the flat cable terminal section (26) is accommodated in the flat cable terminal section (13).

No. of Pages : 48 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

 (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 	:C12N5/07 :61/376508 :24/08/2010 :U.S.A. :PCT/US2011/048972 :24/08/2011 :WO 2012/027474 :NA :NA :NA	 (71)Name of Applicant : 1)REGENTS OF THE UNIVERSITY OF MINNESOTA Address of Applicant :1000 Westgate Drive Suite 160 St. Paul MN 55114 U.S.A. 2)KATHOLIEKE UNIVERSITEIT LEUVEN (72)Name of Inventor : 1)SUBRAMANIAN Kartik 2)HU Wei Shou 3)VERFAILLIE Catherine M. 4)PARK Yonsil
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is directed to compositions of cell aggregates and methods for making and using the cell aggregates where the aggregates comprise cells that are not embryonic stem cells but can differentiate into cell types of at least two of ectodermal endodermal and mesodermal embryonic germ layers e.g. stem cells.

(54) Title of the invention : NON STATIC SUSPENSION CULTURE OF CELL AGGREGATES

No. of Pages : 88 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(51) International classification	:C07K14/415,C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:1015875.6	1)BRITISH AMERICAN TOBACCO (INVESTMENTS)
(32) Priority Date	:22/09/2010	LIMITED
(33) Name of priority country	:U.K.	Address of Applicant :Globe House 1 Water Street London
(86) International Application No	:PCT/GB2011/051666	WC2R 3LA U.K.
Filing Date	:06/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/038717	1)DAVENPORT Susan
(61) Patent of Addition to Application	•NI A	2)LE LAY Pascaline
Number	.INA	3)SANCHEZ TAMBURRINO Juan Pablo
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSGENIC PLANTS

(57) Abstract :

The present invention relates to genetic constructs which can be used in the preparation of transgenic plants. The constructs can have the ability of reducing nitrate concentration in the plant in particular the plant s leaves and for inducing a senescence like phenotype. The invention extends to plant cells transformed with such constructs and to the transgenic plants themselves. The invention also relates to methods of producing transgenic plants and to methods of reducing nitrate content in plants. The invention also relates to harvested plant leaves for example tobacco leaves that have been transformed with the genetic constructs and to various tobacco articles such as smoking articles comprising such harvested plant leaves.

No. of Pages : 61 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SEARCH QUERY COLUMN FOR INTERNET CONNECTED TV S

 (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 	:G06F3/00 :12/917678 :02/11/2010 :U.S.A. :PCT/US2011/055719 :11/10/2011 :WO 2012/060980 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108 (075 Japan (72)Name of Inventor : 1)HILL Seth 2)FRIEDLANDER Steven 3)YEH Sabrina Tai Chen 4)NISHIKAWA Yuko
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(57) Abstract :

A TV display (12) presents a grid of thumbnails (40) representing content available for display from the Internet and next to the grid a column of thumbnails (42) representing content that conforms to a user entered query. The conforming content is located by searching the Internet from an EPG from local TV storage (20) and from the TV s home network. Search result thumbnails are prioritized according to user navigation history.

No. of Pages : 11 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GUANIDINE COMPOUND

 (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 	:C07D205/04,A61K31/426,A61K31/4402 :2011056031 :15/03/2011 :Japan :PCT/JP2012/056429 :13/03/2012 :WO 2012/124696 :NA :NA :NA	 (71)Name of Applicant : 1)Astellas Pharma Inc. Address of Applicant :3 11 Nihonbashi Honcho 2 chome Chuo ku Tokyo 1038411 Japan (72)Name of Inventor : 1)YOSHIHARA Kousei 2)SUZUKI Daisuke 3)YAMAKI Susumu 4)YAMADA Hiroyoshi 5)MIHARA Hisashi 6)SEKI Norio
Time Date		

(57) Abstract :

[Problem] To provide a compound which is useful as an active ingredient of a pharmaceutical composition especially of a pharmaceutical composition for the prophylaxis and/or treatment of VAP 1 associated diseases. [Solution] As a result of intensive studies on a compound having VAP 1 inhibitory activity the inventors have achieved the present invention by discovering that a compound of the present invention or a salt thereof has excellent VAP 1 inhibitory activity and is thus useful for the prophylaxis and/or treatment of VAP 1 associated diseases especially for the prophylaxis and/or treatment of diabetic nephropathy or diabetic macular edema. The present invention also relates to a pharmaceutical composition particularly a pharmaceutical composition for the prophylaxis and/or treatment of VAP 1 associated diseases said pharmaceutical composition containing a compound of the present invention or a salt thereof.

No. of Pages : 317 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 05/12/2014

:C07C (71)Name of Applicant : (51) International classification (31) Priority Document No :201210005498.1 **1)CHINA PETROLEUM & CHEMICAL CORPORATION** (32) Priority Date :10/01/2012 Address of Applicant :NO.22, CHAOYANGMEN NORTH STREET, CHAOYANG DISTRICT, BEIJING 100 728 China (33) Name of priority country :China (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)XIAO, JIAN (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

(54) Title of the invention : PROCESS FOR SEPARATING ETHYLENE GLYCOL AND 1,2-BUTANEDIOL

(57) Abstract :

The present invention relates to a process for separating ethylene glycol and 1,2-butanediol and mainly solves the problem in the prior art in separating ethylene glycol and 1,2-butanediol: the problem of large investment and high energy consumption caused by conventional rectification requiring a very high reflux ratio and a large number of theoretical plates as well as hard separation condition or unsatisfactory separation effects caused by azeotropic rectification. The present invention solves this problem by using the technical solution wherein the material flow containing ethylene glycol and 1,2-butanediol gets into the lower-middle part of the azeotropic rectification column C3 after the light components are removed by the separating columns C1 and C2, wherein the ethylene glycol and the azeotropic agent added from the top of the column form azeotrope which is distilled out from the top of the column and gets into the phase separator Dl after being condensed, the upper phase enriched with azeotropic agent after the phase was separated returns to the top of the column to continue to participate in azeotropy, and the lower phase enriched with ethylene glycol gets into the fourth separating column C4 to be refined to obtain the ethylene glycol product and thus can be used in the industrial production of separating the material flow containing ethylene glycol and 1,2-butanediol.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61J15/00 :61/386793 :27/09/2010 :U.S.A. :PCT/IB2011/054251 :27/09/2011	 (71)Name of Applicant : 1)KIMBERLY CLARK WORLDWIDE INC. Address of Applicant :2300 Winchester Road Neenah Wisconsin 54956 U.S.A. (72)Name of Inventor : 1)TAI Kok Ming 2)BACWELL Alizza 6
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)BAKER Andrew T. 4)REICHART Emily A. 5)SCHORR Phillip A.

(54) Title of the invention : CONFIGURABLE PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE

(57) Abstract :

A configurable percutaneous endoscopic gastrostomy tube includes a shaft having a distal end and a proximal end. The shaft defines a lumen therethrough for passage of a feeding solution or medicine. An expandable retainer is located on the shaft the retainer having a deployed position and an insertion position. The tube includes a releasable lock for maintaining the expandable retainer in its deployed position the releasable lock located on the shaft proximal to the expandable retainer. A flexible sheath surrounds the expandable retainer the sheath being generally loose around the retainer when the retainer is in an insertion position and the sheath being generally snug against an exterior surface of the retainer when the retainer is in a deployed position.

No. of Pages : 31 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INTERNAL COMBUSTION ENGINE		
(51) International classification	:F01L	(71)Name of Applicant :
(31) Priority Document No	:2012- 082544	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:30/03/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KATAOKA, DAI
Filing Date	:NA	2)FUJIKUBO, MAKOTO
(87) International Publication No	: NA	3)HANAWA, KAORU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an internal combustion engine that can easily maintain a spark plug without an influence on work for attaching or detaching the spark plug even if an actuator of a variable valve train and a spark plug are mounted on the same external sidewall of a cylinder head. [Constitution] A spark plug 13 has a leading end facing a combustion chamber and an axis 13a thereof which is tilted relative to the axis 22a of a camshaft 22 so as not to overlap a solenoid actuator 21 as viewed from a direction of the cylinder axis (the front and back direction of the figure).

No. of Pages : 30 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

 (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 	:H01L33/48 :2010198377 :03/09/2010 :Japan :PCT/JP2011/069917 :01/09/2011 :WO 2012/029911	 (71)Name of Applicant : 1)NICHIA CORPORATION Address of Applicant :491 100 Oka Kaminaka cho Anan shi Tokushima 7748601 Japan (72)Name of Inventor : 1)YAMASHITA Ryohei
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	

(54) Title of the invention : LIGHT EMITTING DEVICE AND METHOD FOR MANUFACTURING SAME

(57) Abstract :

A light emitting device (100) comprises: a package (20) which generally has a shape of a rectangular parallelepiped and is configured of a molded body (30) and a lead (40) that is embedded in the molded body (30); and a light emitting element (10) which is mounted on the package (20). The lead (40) has: a connection part (41) on which the light emitting element (10) is mounted; and a terminal part (42) and an exposed part (43) that are connected to the connection part (41). The package (20) has: a bottom surface (20A); a front surface (20C) that is connected to the bottom surface (20A) and serves as a light exit surface; and a back surface (20D) that is connected to the bottom surface (20C). The terminal part (42) and the exposed part (43) are connected to the back surface of the connection part (41) and exposed from the molded body (30) while being connected with the bottom surface (20A) and the back surface (20D). In addition the terminal part (42) and the exposed part (43) are separated from each other by the bottom surface (20A).

No. of Pages : 75 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL PROCESS FOR THE SYNTHESIS OF CHIRAL TETRAHYDROPYRAMIDONES AND ITS APPLICATION IN THE SYNTHESIS OF MONASTROL

 (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 	:C07D(71)Name of Applicant ::NA1)DR. S. NARASIMHAN:NAAddress of Applicant :ASTHAGIRI HERBAL RESEARCH:NAFOUNDATION 162A, PERUNGUDI INDUSTRIAL ESTATE,:NAPERUNGUDI, CHENNAI-96 Tamil Nadu India:NA(72)Name of Inventor ::NA1)DR. S. NARASIMHAN:NA2)D. PRIYA MATHARASI:NA3)S. DHAMODARAN
(62) Divisional to Application Number :N	:NA
Filing Date :N	:NA

(57) Abstract :

The present invention relates to the novel catalytic process of preparing chiral pyrimidone drug and related compounds with good enantiomeric excess.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B60W30/14,G01C21/34 :10508091 :16/07/2010 :Sweden :PCT/SE2011/050950	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S 151 87 Sdertlje Sweden (72)Name of Inventor : 1)EVALDSSON Martin
(31) Priority Document No	10508091	1)SCANIA CV AB
(32) Priority Date	:16/07/2010	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050950	1)EVALDSSON Martin
Filing Date	:14/07/2011	2)S–DERGREN Maria
(87) International Publication No	:WO 2012/008913	3)JOHANSSON Oskar
(61) Patent of Addition to Application	·NA	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CRUISE CONTROL WITH CONVEX COST FUNCTION

(57) Abstract :

According to the present invention a cost function is created such that it depends on at least a first term and a second term which have a mutual relationship between them. The cost function is also so configured that it is easy to expand to cover one or more further terms. According to the invention the cost function is created such that when it is expanded to depend on the first term the second term and at least one further term it still maintains the same mutual relationship between the first term and the second term. The cost function also indicates a mutual relationship between the at least one further term and the first and second terms.

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

(22) Date of filing of Application :10/01/2013

(54) Title of the invention : BIOREMEDIATION OF ARSENIC AND BIOEXTRACTION OF GOL AS A TWO-IN-ONE BIOPROCESS

 (71)Name of Applicant : 1)NAYEEM ULLAH KHAN Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT, OPP. DAYANANDA SAGAR COLLEGE BANGALORE- 560078 Karnataka India (72)Name of Inventor : 1)SUSANNA P

(57) Abstract :

The invention describes an indigenous strain of E.coli for bioremediation of arsenic containing soil and water. The same strain of E.coli can be used to extract gold from abandoned mine areas so that bioremediation of arsenic and bioextraction of gold can be carried out as a two-in-one bioprocess which is safe and also economical. The invention consists of a series of bioreactors. The first one removes gold, second removes arsenic and the third one neutralizes pH. Key words: Biomining-gold-E.coli-Arsenic contamination.

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

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A NOVEL POLYMORPH OF (1-{9-[(4S, 2R, 3R, 5R)-3, 4-DIHYDROXY - 5-(HYDROXYMETHYL)OXOLAN-2-YL)-6-AMINOPURIN-2-YL}PYRAZOLE-4-YL)-N-METHYLCARBOXAMIDE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOPHORE INDIA PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT #23, 3RD FLOOR, TIE, 1ST
(33) Name of priority country	:NA	PHASE, BALANAGAR, HYDERABAD - 500 037 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAGADEESH BABU RANGISETTY
(61) Patent of Addition to Application Number	:NA	2)MANIK REDDY PULLAGURLA
Filing Date	:NA	3)MECHERIL VALSAN NANDAKUMAR
(62) Divisional to Application Number	:NA	4)DOKULA NEELAM NAIDU
Filing Date	:NA	

(57) Abstract :

The invention provides a novel polymorph of Regadenoson. More particularly, the invention provides propylene glycol solvate of Regadenoson. The invention also provides a process for the preparation of propylene glycol solvate of Regadenoson.

No. of Pages : 15 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CHARGER		
 (54) Title of the invention : CHARGER (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 	:H02J7/00,H01M10/44 :2010195022 :31/08/2010 :Japan :PCT/JP2011/068463 :12/08/2011 :WO 2012/029532 :NA :NA	 (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)TAKENO Atsuro 2)MARUYAMA Takashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a charger wherein capability of storing codes connected to the charger is improved. The charger (100) is provided with: a housing case (104) for housing therein a charger body (102); a wind around recess section (110) that is formed on the outer circumference of the housing case (104) and around which a first code (108) to be connected to the charger body (102) can be wound; and a plug recess section (116) that is formed on the housing case (104) and that is for storing a plug (114) to be connected to the front end of the first code (108). A housing section (120) that is opened in the upper direction and that houses therein a second code (118) to be connected to the charger body (102) is formed on the housing case (104).

No. of Pages : 35 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ROTATIONAL DAMPER AND VEHICLE SEAT WITH THE ROTATIONAL DAMPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16F9/14,A47C1/024,B60N2/22 :2010211581 :22/09/2010 :Japan :PCT/JP2011/065452 :06/07/2011	 (71)Name of Applicant : 1)OILES CORPORATION Address of Applicant :1 6 34 Kounan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)OKIMURA Akihiko 2)HORITA Naohiro
(87) International Publication No	:WO 2012/039182	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To provide a rotational damper having excellent response and exhibiting a damping effect only in one direction and a vehicle seat provided with the rotational damper. [Solution] A rotational damper (10) comprising: a casing (13) provided therein with a partition wall section (12) provided with a flow path (11); a rotation body (16) rotatably disposed within the casing and provided with a pair of rotation blades (14 15) for partitioning the inside of the casing into two chambers (R1 R2) in cooperation with the casing; a viscous fluid (L) contained within the casing; lip seals (17) mounted to the pair of rotation blades in such a manner that only when the rotation body rotates and moves in one direction the lip seals (17) expand in the direction perpendicular to the vertical direction to prevent the viscous fluid from flowing between the two chambers; and a lid body (18) for closing the opening of the casing.

No. of Pages : 52 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WINDOW SHUTTER UNIT FOR EXTERNAL MOUNTING ON A BUILDING

(51) International classification(31) Priority Document No(32) Priority Date	:E06B3/32,E06B9/02,E06B9/26 :PA 2011 70117 :10/03/2011	 (71)Name of Applicant : 1)VENETIAN SOLAR APS Address of Applicant :Blish nevei 10 DK 2970 H rsholm
(32) Filolity Date(33) Name of priority country(86) International Application No.	:Denmark	Denmark
Filing Date	:08/03/2012	1)THIELEMANN Stefan
(87) International Publication No(61) Patent of Addition to	:WO 2012/119604	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A window shutter unit (1) is for external mounting on a building. The window shutter unit comprises a plurality of hollow slats (2) mounted in a shutter frame. An air outlet opening (20) delivers ventilation air to a room in the building. A fresh air inlet system comprises air inlet openings (10) in the hollow slats (2) and a first air flow passage (8) from the individual slat to a common flow passage (9) leading to the air outlet opening (20). The shutter unit further comprises flow and temperature control devices a heat exchange device and solar cell devices for producing electrical energy to drive electric fan motors in the window shutter.

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

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED DOFFING ARM ARRANGEMENT FOR SPINNING MACHINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D01H9/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LAKSHMI MACHINE WORKS LTD Address of Applicant :PERIANAICKENPALAYAM, COIMBATORE 641 020 Tamil Nadu India (72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN RAJASEKARAN
(61) Patent of Addition to Application Number	: NA ·NA	2)KASIDUKMAM MANICKAM SUBKAMANIAM 3)NATARAJAN VIJAY MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention, an improved doffing arm arrangement for textile spinning machine, like speed frame is developed. The improved doffing arm comprises a plurality of doffing arm section; the said doffing arm section helps in replacing the full roving bobbin by the empty bobbin tube during the doffing operation. The structural arrangement of the each doffing arm section has been changed in such a way it can overcome the collision problem during the process of doffing.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(51) International classification	:A61B5/055	(71)Name of Applicant :
(31) Priority Document No	:10191505.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:17/11/2010	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/054590	(72)Name of Inventor :
Filing Date	:17/10/2011	1)GILLIES Murray Fulton
(87) International Publication No	:WO 2012/066434	2)VAN GRONINGEN Wilhelmus Daniel Hyacintus
(61) Patent of Addition to Application	٠NA	3)VAN ELSWIJK Gijs Antonius Franciscus
Number	·NA	4)VOGT Jurgen
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMAGE PROJECTOR SYSTEM FOR A SCANNING ROOM.

(57) Abstract :

The invention relates to a method and a system for reducing anxiety of patients before and during e.g. MR scanning examinations. The method is based on displaying images on walls (106 107) of the scanner room (100) so that when the patient enters the scanner room then an image is displayed on a wall visible to the patient e.g. a wall adjacent to the entry door (103). When the patient is laying on the table (102) of the scanner (101) the projection of images is switched to another wall by reflecting the projected images using e.g. a mirror which is moved into the light rays emitted by an image projector.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INTEGRATION OF FIBER OPTIC SHAPE SENSING WITHIN AN NTERVENTIONAL ENVIRONMENT

 (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 	:A61B19/00,A61M25/01,G01B11/16 :61/436704 :27/01/2011 :U.S.A. :PCT/IB2012/050296 :23/01/2012 :WO 2012/101563 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)MANZKE Robert 2)CHAN Raymond 3)T HOOFT Gert Wim 4)DESJARDINS Adrien Emmanuel 5)RAMACHANDRAN Bharat
Filing Date		

(57) Abstract :

An integrated optical shape sensing system and method include an arrangement structure (132) configured to receive a fiber port or connector. A platform (130) is configured to provide a distance relationship with the arrangement structure such that the fiber port or connector is trackable to provide a location reference. The platform secures a patient in proximity to the arrangement structure. An optical shape sensing enabled interventional instrument (102) has a first optical fiber cable connectable to the fiber port or connector. An optical interrogation module (108) is configured to collect optical feedback from the instrument and has a second optical fiber cable connectable to the fiber port or connector.

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

(19) INDIA

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A VIBRATING DENSITOMETER INCLUDING AN IMPROVED VIBRATING MEMBER (51) International classification :G01N9/00 (71)Name of Applicant : (31) Priority Document No 1)MICRO MOTION INC. :61/379051 (32) Priority Date Address of Applicant :7070 Winchester Circle Boulder CO :01/09/2010 (33) Name of priority country :U.S.A. 80301 U.S.A. (86) International Application No :PCT/US2010/055587 (72)Name of Inventor : Filing Date :05/11/2010 **1)VAN CLEVE Craig Brainerd** (87) International Publication No :WO 2012/030353 2)MACDONALD George (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus is provided that comprises a vibrating member (402). The vibrating member (402) is for a vibrating densitometer (400). The vibrating member (402) includes one or more apertures (420). The one or more apertures (420) are sized and located in the vibrating member (402) to increase a frequency separation between a resonant frequency of a desired vibrational drive mode and a resonant frequency of one or more undesired vibrational modes.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATIC REMOVAL OF CARBON DEPOSITS FROM THE OVEN CHAMBERS AND FLOW CHANNELS OF NON RECOVERY AND HEAT RECOVERY COKE OVENS

(51) International classification	:C10B15/02,C10B43/10	(71)Name of Applicant :
(31) Priority Document No	:10 2010 044 938.5	1)THYSSENKRUPP UHDE GMBH
(32) Priority Date	:10/09/2010	Address of Applicant : Friedrich Uhde Str. 15 44141 Dortmund
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/004110	(72)Name of Inventor :
Filing Date	:16/08/2011	1)KIM Ronald
(87) International Publication No	:WO 2012/031665	
(61) Patent of Addition to Application	٠NA	
Number	·NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the automatic removal of carbon deposits from the oven chambers and flow channels of non recovery and heat recovery coke ovens where a coke oven battery composed typically of a plurality of adjacently arrayed coke oven chambers is utilized for the cyclical coking of coal and where an air metering device which operates with superatmospheric pressure is used in order to remove by combustion carbon deposits in the flow cross sections of the oven system and thereby to counteract a reduction in oven performance. The invention also relates to an apparatus with which this method can be performed this apparatus being integrated into the coke oven battery and at least one coke oven chamber wall allowing the carbon deposits to be removed during operation without a change in any arrangement.

No. of Pages : 30 No. of Claims : 40
(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEDICAL IMAGING APPARATUS WITH IMAGE PROJECTING UNITS

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAXENA, RITESH
(87) International Publication No	: NA	2)GOSWAMI, CHINMOY
(61) Patent of Addition to Application Number	:NA	3)PHILPS, JASON LEE
Filing Date	:NA	4)INNAMI, YASUYUKI
(62) Divisional to Application Number	:NA	5)DAM, ANH-KIET NGUYEN
Filing Date	:NA	

(57) Abstract :

A medical imaging apparatus having multiple image projecting units for projecting images for a subject to view is disclosed. The medical imaging apparatus is present in a scanning room for performing imaging of the subject. The medical imaging apparatus includes a table for holding the subject. The table along with the subject is facilitated by an image capturing subsystem to pass therethrough for capturing medical images of the subject. The multiple image projecting units are configured within the image capturing subsystem for projecting images to one or more of walls of the scanning room and an inner surface of the image capturing subsystem.

No. of Pages : 26 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A BRAKE DRUM ASSEMBLY FOR VEHICLES		
(51) International classification	:F16D65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNILRAJ
(87) International Publication No	: NA	2)RAVISHANKAR
(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 brake drum assembly having an cast iron liner and an outer aluminum housing. The cast iron liner is uniformly ribbed throughout its exterior surface to mechanically interlock with the aluminum housing thereby preventing relative rotary and linear movement between the inner surface and the outer housing. The outer housing is made of Aluminum which has 3 times better heat dissipating capacity than Cast Iron inner surface. Also the outer surface is designed in a way that would efficiently dissipate heat during the braking operation. The resulting brake drum assembly is light weight due to low density of Aluminum. -4

No. of Pages : 11 No. of Claims : 7

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CORD MADE OF CELLULOSIC MULTIFILAMENT YARNS HAVING AN INCREASED LINEAR DENSITY OF INDIVIDUAL FILAMENTS

(51) International classification	:D01F2/00,D01F2/06,D01F2/02	(71)Name of Applicant :
(31) Priority Document No	:10171956.5	1)CORDENKA GMBH & CO. KG
(32) Priority Date	:05/08/2010	Address of Applicant : Industrie Center Obernburg 63784
(33) Name of priority country	:EPO	Obernburg Germany
(86) International Application No	:PCT/EP2011/063442	(72)Name of Inventor :
Filing Date	:04/08/2011	1)ZIMMERER Britta
(87) International Publication No	:WO 2012/017034	2)UIHLEIN Kurt
(61) Patent of Addition to	•NI A	3)SCHEYTT Holger
Application Number	·NA	4)SCHWIERSCH Gerold
Filing Date	.NA	5)M–SSINGER Dennis
(62) Divisional to Application	•NI A	
Number	·NA	
Filing Date	.11/1	

(57) Abstract :

A cord in particular for reinforcing tyres containing a cellulosic multifilament yarn characterized in that the cellulosic multifilament yarn has a strength of at least 35 cN/tex and the individual filaments of the multifilament yarn have a linear density of at least 2.3 dtex is disclosed. In use such cords display a significantly improved fatigue behaviour i.e. a significantly higher fatigue resistance than standard cords having a linear density of the individual filaments in the range from 1 to 2 dtex.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AUTHENTICATION IN SECURE USER PLANE LOCATION (SUPL) SYSTEMS

 (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 	:H04L29/06,H04W4/02 :61/410882 :06/11/2010 :U.S.A. :PCT/US2011/059455 :04/11/2011 :WO 2012/087435 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor : 1)HAWKES Philip Michael 2)WACHTER Andreas Klaus 3)ESCOTT Adrian Edward 4)EDGE Stephen William
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(57) Abstract :

A particular method includes storing at a mobile device at least one security credential that is specific to the mobile device. The method also includes transmitting the at least one security credential to a secure user plane location (SUPL) location platform (SLP) to authenticate the mobile device as associated with a SUPL user based on a comparison of the device identifier to stored device identifier. The disclosed techniques may enable a SUPL server and a SUPL enabled terminal SET to negotiate which of a plurality of authentication methods is to be used.

No. of Pages : 170 No. of Claims : 70

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FERMENTED MILK WITH REDUCED SOURNESS 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 Filing Date 	:A23C9/13,A23C9/133 :2010257514 :18/11/2010 :Japan :PCT/JP2011/076236 :15/11/2011 :WO 2012/067081 :NA :NA :NA	 (71)Name of Applicant : 1)MELJI CO.LTD. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan (72)Name of Inventor : 1)HORIUCHI Hiroshi 2)INOUE Nobuko 3)SAKAGUCHI Kumiko
Filing Date	:NA	

(57) Abstract :

[Problem] The purpose of the present invention is to provide: fermented milk which is reduced in the sourness coming from lactic acid and has a refreshing taste; and a method for producing the fermented milk. [Solution] The present invention is essentially based on the finding that fermented milk that is reduced in the sourness coming from lactic acid and has a refreshing taste can be obtained by subjecting a fermentation starting material to lactic acid fermentation after adding a small amount of an acid component (an acidulant) that has a lower degree of sourness than lactic acid to the fermentation starting material. Specifically 0.05 0.5% by weight (inclusive) of an acid component that has a lower degree of sourness than lactic acid is added to starting material milk when the total of the starting material milk and a lactic acid bacteria starter is taken as 100% by weight.

No. of Pages : 20 No. of Claims : 7

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A TWO-IN-ONE METHOD FOR CONTROL AND MANAGEMENT OF ANGIOSPERMIC PARASITE CUSCUTA AND INDUCTION OF RESISTANCE IN THE HOST

 (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 	:A01N :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)NAYEEM ULLAH KHAN Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT, OPP. DAYANANDA SAGAR COLLEGE BANGALORE- 560078 Karnataka India (72)Name of Inventor : 1)DR. HARSHA JOSEPH 2)DR. P.K. SHETTY
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(57) Abstract :

The invention uses a single chemical application for control of angiospermic parasite Cuscuta (dodder) and induction of resistance in the host plants which are generally commercial crops. The infestation of annual plants is controlled by this method and the method simultaneously induces resistance against the parasite in the host crop plant which may be perennial. Thus the invention is a two in one method that accomplishes the two tasks in a single application of a chemical.

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

(21) Application No.877/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OPTICAL TOMOGRAPHIC IMAGING APPARATUS

(51) International alogaification	A 61 D 2/10 A 61 D 2/12 C 01 D 0/02	(71)Nome of Applicant.
(31) International classification	A01b5/10,A01b5/12,G01b9/02	
(31) Priority Document No	:2010156919	I)CANON KABUSHIKI KAISHA
(32) Priority Date	:09/07/2010	Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku
(33) Name of priority country	:Japan	Tokyo 1468501 Japan
(86) International Application No	p:PCT/JP2011/003798	(72)Name of Inventor :
Filing Date	:04/07/2011	1)HIROSE Futoshi
(87) International Publication No	:WO 2012/004967	
(61) Patent of Addition to	·NIA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	-NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

An imaging apparatus (100) adjusts the polarization directions of irradiation beams (to a diffraction grating) corresponding to first and second beams (175 1 175 2) respectively which have different polarization directions (for example by adjusting a relative angle formed between light emitting ends of respective polarization maintaining fibers) so that the spectral characteristics of the irradiation beams at the diffraction grating (141) coincide with each other. Then the imaging apparatus acquires a tomographic image indicating polarization information for a object based on beams (that come from the diffraction grating for splitting and diffracting a beam from the adjustment unit) corresponding to the first and second beams respectively which have different polarization directions.

No. of Pages : 21 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

 (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 	:B23K9/10,B23K9/00,B23K9/095 :2011206936 :22/09/2011 :Japan :PCT/JP2012/004444 :10/07/2012 :WO 2013/042295	 (71)Name of Applicant : (71)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)KOBAYASHI Naoki 2)IHARA Hideki 3)NAGANO Motoyasu 4)MORIKAWA Tetsuya
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : WELDER

(57) Abstract :

According to the present invention in a welding machine that enables manual welding a voltage reducing device is activated by detecting the turning on of power to the welding machine rather than by turning on an activation checking switch for the voltage reducing device irrespective of AC or DC systems. By thus implementing a checking operation for the voltage reducing device automatically upon starting of the welding machine the present invention provides an inexpensive welding machine such that checking of the voltage reducing device can be implemented reliably before the welding machine is used.

No. of Pages : 27 No. of Claims : 4

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELIMINATING THE DELAMINATION IN CO-CURED ASSEMBLY MADE OF LAMINATED COMPOSITE MATERIAL

(51) International classification ·B32B	15/00 (71)Name of Applicant :
(51) International classification .D52D	
(31) Priority Document No :NA	I)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date :NA	Address of Applicant : AIRCRAFT RESEARCH AND
(33) Name of priority country :NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No :NA	MARATHALLI 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	2)K.G. VADIRAJ
Filing Date :NA	3)VENKATESH MURTHY D
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Design improvement is a continuous process in an Aerospace industry. Any improvement to an existing design is carried out to reduce its complexity or to reduce the time for production or to reduce the cost without affecting the quality. In this connection, a Co-Cured composite part was identified for implementing the present invention to eliminate the delamination. In Co-curing, the structural elements are cured simultaneously together to get a large integral structure. During extraction of metallic tool blocks, the delamination was observed at Rib and Skin interface, as the component being multi cell closed structure the tool blocks are enclosed by the component on all sides but one side through which the tool blocks are extracted during demoulding. In the processes of demoulding delaminations are introduced. The detection of this delamination during inspection was not reliable due to the seepage of water between Rib and Skin interface, as water is used as the medium of introducing the ultrasonic energy in to the components. The delamination problem was eliminated by providing chamfer to either side of Ribs which facilitates in easy extraction of tool blocks. The presence of additional 0° Overlay ply ensures firm Rib-Skin joint and offers substantial resistance against peel and delamination. Also this additional ply prevents the entry of moisture between Rib and Skin interface and thus makes the detection of delamination if any more reliable.

No. of Pages : 10 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MONITORING CONVERSION CAPABILITY OF A DIESEL OXIDATION CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F01N11/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BOSCH LIMITED Address of Applicant :POST BOX NO 3000, HOSUR ROAD ADUGODI, BANGALORE - 560 030 Karnataka India 2)ROBERT BOSCH GMBH
Filing Date (87) International Publication No	:NA · NA	(72)Name of Inventor:
(67) International Fubication No(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MANIKANTA BHANUTEEJA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A monitoring device for monitoring conversion capability of a diesel oxidation catalyst is disclosed. The monitoring device includes a passive catalyst in electrical connection with the diesel oxidation catalyst, a sensing element to determine a differential temperature value between heat generated by the diesel oxidation catalyst and the heat generated by the passive catalyst, the differential temperature value being represented by a voltage level, and a processing means to convert the voltage level into a conversion capability value.

No. of Pages : 11 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD, APPARATUS AND DEVICE FOR NOTIFYING POINT OF INTERESTS ON A JOURNEY

(51) International classification :G01C	(71)Name of Applicant :
(31) Priority Document No :NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date :NA	SOLUTIONS LIMITED
(33) Name of priority country :NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No :NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date :NA	Karnataka India
(87) International Publication No : NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number :NA	(72)Name of Inventor :
Filing Date :NA	1)SREEJA ARUNKUMAR
(62) Divisional to Application Number :NA	2)ARTHI NARASIMHAN
Filing Date :NA	

(57) Abstract :

According to an aspect of the present disclosure, a navigation device receives user preferences comprising preferred point of interests (POI), preset limits for a journey. The navigation device determines the preferred POIs and notifies the user before reaching that particular POI based on the preset limit. According to another aspect of the present disclosure, the device determines the distance between the two POIs of the same category during the journey and notifies the location of second POI on arrival at first POI of the same category. According to another aspect of the present disclosure, the device determines whether the user has exercised the option by monitoring the global positioning system (GPS) location of the device or the vehicle. If the user has exercised the first option, then the device will not issue next notification until the next preset limit for the same category.

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

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CYCLIC AMIDE DERIVATIVE

 (86) International Application No i02/09/2011 (87) International iWO 2012/029942 Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) SuDA Hitoshi (64) SASAKI Izumi (65) SAWAMURA Kiyoto 	 (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 	:C07C235/84,A61K31/166,A61K31/337 :2010197280 :03/09/2010 :Japan :PCT/JP2011/070010 :02/09/2011 :WO 2012/029942 :NA :NA :NA	 (71)Name of Applicant : 1)Dainippon Sumitomo Pharma Co. Ltd. Address of Applicant :6 8 Dosho machi 2 chome Chuo ku Osaka shi Osaka 5418524 Japan (72)Name of Inventor : 1)HORIUCHI Yoshihiro 2)FUJIWARA Hiroaki 3)SUDA Hitoshi 4)SASAKI Izumi 5)IWATA Mitsutaka 6)SAWAMURA Kiyoto
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(57) Abstract :

Provided is a compound represented by formula (1) or a pharmacologically acceptable salt thereof. (In the formula A represents a C arylene group or the like; R R and R each independently represents a hydrogen atom a halogen atom a C alkyl group a C alkoxy group or the like; R represents an optionally substituted C aryl group an optionally substituted 5 12 membered monocyclic or polycyclic heteroaryl group an optionally substituted C aralkyl group or the like; m represents 0 or the like; and n represents an integer of 0 2.)

No. of Pages : 265 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SURFACE VIBRATION MEASURMENT MONITORING AND ANALYSIS

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRE FOR DEVELOPMENT OF ADVANCED
(32) Priority Date	:NA	COMPUTING
(33) Name of priority country	:NA	Address of Applicant :VELLAYAMBALAM,
(86) International Application No	:NA	THIRUVANANTHAPURAM 695 033 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOHANACHANDRAN R.
(61) Patent of Addition to Application Number	:NA	2)HANEESH SANKAR T.P.
Filing Date	:NA	3)SUBODH P.S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method and system for the measurement of surface the same using altrasonic noncontact measurement technigne employing frequency down convension.

No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(51) International classification	:H01R13/42	(71)Name of Applicant :
(31) Priority Document No	:2010192424	1)YAZAKI CORPORATION
(32) Priority Date	:30/08/2010	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088333 Japan
(86) International Application No	:PCT/JP2011/067506	(72)Name of Inventor :
Filing Date	:29/07/2011	1)SHINKAWA Daisuke
(87) International Publication No	:WO 2012/029483	2)NAGAYOSHI Tomihiko
(61) Patent of Addition to Application	•NI A	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONNECTOR

(57) Abstract :

A connector configured so that the shear strength of the lance is efficiently increased to increase the holding force of the lance in order to prevent a reduction in the holding force due to a size reduction. A connector (11) is provided with a flexible engagement element (25) having a free end (27) with which a terminal fitting is engaged the terminal fitting being inserted in a terminal containing chamber (17) for containing the terminal fitting the terminal containing chamber (17) supporting the base end of the terminal fitting in a cantilever configuration so that the terminal fitting can deform elastically. The flexible engagement element (25) is formed in such a manner that a beak (31) which is formed at the free end (27) with which the terminal fitting is engaged is formed as a sloped surface (29) formed so that the height of the top section (41) thereof is gradually increased from the free end (27) toward the base end in such a manner that the shear area is maximum at the beak (31).

No. of Pages : 19 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERRING ANIMALS

(57) Abstract :

An animal deterrence system projects polarised light in order to deter animals. The light may be plane polarised light and the polarisation may be varied over time. The system is particularly suited to deterrence of birds but may also find application in deterrence of other animals sensitive to polarisation of light such as bees and wasps. The system may be used on vineyards or orchards or around airports or in any other place where birds are problematic.

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

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTIVATING LICENSABLE COMPONENT PROVIDED BY THIRD PARTY TO AUDIO VIDEO DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (36) International Publication No (37) International Publication Number (38) PUBLICATION (39) PUBLICATION (30) PUBLICATION (31) PUBLICATION (32) PUBLICATION (33) PUBLICATION (34) PUBLICATION (35) PUBLICATION (36) PUBLICATION (37) PUBLICATION (37) PUBLICATION (38) PUBLICATION (38) PUBLICATION (38) PUBLICATION (39) PUBLICATION (30) PUBLICATION (31) PUBLICATION (31) PUBLICATION (32) PUBLICATION (32) PUBLICATION (33) PUBLICATION (34) PUBLICATION (35) PUBLICATION (36) PUBLICATION (36) PUBLICATION (37) PUBLICATION (36) PUBLICATION (37) PUBLICATION (37) PUBLICATION (38) PUBLICATION (38) PUBLICATION (38) PUBLIC	 (71)Name of Applicant : (1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108 0075 Japan (72)Name of Inventor : 1)SHINTANI Peter (4430) 2)DOUILLET Ludovic Etienne
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(57) Abstract :

An audio video display device (12) can download from a third party server (200) a licensable component on which a royalty is to be paid. Various methods are disclosed for accounting for royalties associated with downloading the licensable component to the client device (12) between the third party server (200) and a client device manufacturer server (206).

No. of Pages : 36 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PHARMACEUTICAL FORMULATION HAVING NEUROPROTECTIVE ACTIVITY

(51) Internationalclassification(31) Priority Document No	:A61K31/58,A61K31/255,A61P25/00 :2010255422	(71)Name of Applicant : 1)KYUSHU UNIVERSITY NATIONAL UNIVERSITY CORPORATION
(32) Priority Date	:15/11/2010	Address of Applicant :10 1Hakozaki 6 chome Higashi ku
(33) Name of priority country	:Japan	Fukuoka shi Fukuoka 8128581 Japan (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/075802 :09/11/2011	1)ISHIBASHI Tatsurou 2)HISATOMI Toshio 3)NOUTOMI Syouji
(87) International Publication No	:WO 2012/066994	4)ENAIDA Hiroshi 5)KAGIMOTO Tadahisa
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] The purpose of the present invention is to provide a neuroprotective agent which is capable of effectively protecting intraocular cells including optic nerves and is effective as a composition for ophthalmic membrane staining in cases where removal of an ophthalmic membrane is carried out. [Solution] The purpose is achieved by a neuroprotective agent which contains as active ingredients: Brilliant Blue G a pharmaceutically acceptable salt thereof or a pharmaceutically acceptable solvate thereof; and triamcinolone acetonide a pharmaceutically acceptable salt thereof or a pharmaceutically acceptable solvate thereof. This neuroprotective agent has ophthalmic membrane staining effect due to BBG and exhibits extremely high neuroprotective activity due to synergetic effect of Brilliant Blue G and triamcinolone acetonide.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR THERMAL INTERFACING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 	:H01L23/36,H01L23/367,H01L23/373 :61/364890 :16/07/2010 :U.S.A.	 (71)Name of Applicant : 1)EMBLATION LIMITED Address of Applicant :3 Forrester Lodge Inglewood Alloa FK10 2HU U.K. (72)Name of Inventor : 1)BEALE Gary 2)MCERLEAN Famon
Application No Filing Date	:PCT/GB2011/001059 :15/07/2011	
(87) International Publication No	:WO 2012/007722	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus (20) for use as an amplifier has a transistor (26) for providing signal amplification a heat pipe or circulated fluid heat sink (22) and a thermal interface device (24) for providing mechanical and thermal connection between the transistor (26) and the heat sink (22). In use to facilitate efficient transfer of heat/thermal energy from the transistor (26) to the heat sink (22) the plate (24) is provided between the heat sink (22) and the transistor (26). The plate (24) connects the heat sink (22) to the transistor (26) and provides a thermal conduit therebetween.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNCHRONIZATION OF DATA IN A DISTRIBUTED COMPUTING ENVIRONMENT

:H04L7/00 :12/940813 :05/11/2010 :U.S.A. :PCT/US2011/056323 :14/10/2011 :WO 2012/060994 :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 108 0075 Japan (72)Name of Inventor : 1)KENNEDY Sean Patrick 2)LYONS Gary Robert 3)CHANG Michael 4)GARAY Rommel M. 5)WINTER Edward Theodore 6)LAWTON Andrew Lee 7)CARPIO Fredrik
:NA :NA	7)CARPIO Fredrik 8)CRISAN Adrian 9)KISHIMOTO Tovoaki
	:H04L7/00 :12/940813 :05/11/2010 :U.S.A. :PCT/US2011/056323 :14/10/2011 :WO 2012/060994 :NA :NA :NA :NA

(57) Abstract :

A method for data synchronization across multiple target destinations in a computer network includes acquiring information about the target destinations wherein: the target destinations comprises at least one of a network account in the computer network or a target device coupled to the computer network or associated with the network account; and the acquired information includes identification information associated with the target destinations. The method may also include receiving at a user device data from a data source; filtering the received data based on information included in the received data and in the identification information; identifying based on the filtering a selected target destination for receiving the filtered data; and transmitting the filtered data to the identified selected target destination.

No. of Pages : 45 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR MEASURING GLYCOSYLATED HEMOGLOBIN

(51) International classification(31) Priority Document No(32) Priority Date	:C12Q1/26,C12Q1/28,G01N21/78 :2010180563 :11/08/2010	 (71)Name of Applicant : 1)KYOWA MEDEX CO. LTD. Address of Applicant :8 10 Harumi 1 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1046004 Japan
(86) International Application No Filing Date	:PCT/JP2011/068104 :09/08/2011	(72)Name of Inventor :1)SOYA Haruyo2)MURAKAMI Tomomi
(87) International Publication No	:WO 2012/020745	3)TSUNODA Haruki 4)OHSUGI Yu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)YODA Ayako 6)MATSUSHITA Masashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for measuring glycosylated hemoglobin in samples containing hemoglobin is characterized in that: glycosylated hemoglobin is reacted with protease in the presence of at least one type of salt selected from a group comprising pyridinium salt phosphonium salt imidazolium salt and isoquinolinium salt; fructosyl peptide oxidase is made to act on the resulting reaction product; and the hydrogen peroxide that is produced is measured. The present invention provides a method for accurately measuring glycosylated hemoglobin in samples containing hemoglobin

No. of Pages : 95 No. of Claims : 18

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OBESITY HYPOVENTILATION SYNDROME TREATMENT 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 Filing Date (62) Divisional to 	:A61M16/00,A61M16/10,A61M16/16 :61/416336 :23/11/2010 :U.S.A. :PCT/IB2011/055089 :15/11/2011 :WO 2012/069957 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)TRUSCHEL William A. 2)PROCYK Christopher Anthony 3)MCDERMOTT Mark Christopher 4)MAHADEVAN Anandi
Application Number Filing Date	:NA :NA	

(57) Abstract :

A pressurized flow of breathable gas is delivered to the airway of a subject in accordance with a therapy regimen. The therapy regimen calls for maintenance of an average tidal volume. The therapy ensures that the subject breaths at a therapeutic breath rate. The breath rate may be determined dynamically based on breathing of the subject early on in a therapy session and/or based on a detected wakefulness of the subject. Inspiration for spontaneous and non spontaneous breaths may be supported at different levels. The therapy regimen further maintains a beneficial positive end expiratory pressure to reduce respiratory obstructions and/or for other purposes.

No. of Pages : 33 No. of Claims : 15

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SECRETLY REVEALING ITEMS ON A MULTI TOUCH INTERFACE

 (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 	:G07F17/32,G06F3/048 :12/917744 :02/11/2010 :U.S.A. :PCT/EP2011/069266 :02/11/2011 :WO 2012/059519 :NA :NA :NA	 (71)Name of Applicant : 1)NOVOMATIC AG Address of Applicant :Wiener Strasse 158 A 2352 Gumpoldskirchen Austria (72)Name of Inventor : 1)HOMER Alois
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(57) Abstract :

An apparatus and method including a multi touch interface for card gaming includes providing a multi touch interface for displaying a card having a hidden value. The method includes detecting a touch on the interface. The touch has a curved pattern with multiple points of contact with the interface. The curved pattern is indicative of the lateral edge of a human hand in contact with the interface oriented to hide the card from others. The method then detects movement of the multiple points of contact sweeping over a portion of the interface to reveal the value of the card to the user.

No. of Pages : 26 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PERFORMANCE MONITORING IN A MOBILE COMMUNICATION NETWORK			
 (54) Title of the invention : PERFORMAN (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 	CE MONITORING IN . :h041 :NA :NA :NA :PCT/SE2010/051407 :17/12/2010 :WO 2012/082036 :NA :NA :NA	A MOBILE COMMUNICATION NETWORK (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)W,,NSTEDT Stefan 2)ENSTR–M Daniel	
Filing Date	:NA		

(57) Abstract :

Embodiments of the present invention relate to methods and network nodes in e.g. a LTE network for detecting congestion. In the method a packet is received from a user equipment via a base station the packet is analyzed to detect information of the packet and if the packet comprises a marker indicating congestion and if said marker is detected ingress IP number of the tunnel used for said packet is extracted and information of the marked packet and the extracted ingress IP number of the tunnel used for said packet are sent to a performance monitoring node such that identity information of the base station that has inserted the marker into the packet can be extracted at the performance monitoring node.

No. of Pages : 25 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FIRE RESISTANT WOVEN FABRICS AND GARMENTS

 (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 	:D03D15/12,D03D15/00,A41D13/00 :61/368678 :29/07/2010 :U.S.A. :PCT/US2011/045860 :29/07/2011 :WO 2012/016124	 (71)Name of Applicant : 1)DRIFIRE LLC Address of Applicant :3151 Williams Road Suite E Columbus GA 31909 U.S.A. (72)Name of Inventor : 1)HINES Robert Winfred 2)BAILEY Jonathan James 3)CONE Leslie Gene
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Optionally dyed woven fabrics and garments are disclosed that exhibit fire resistance arc resistance moisture management (water release rate and wicking) and abrasion resistance without the undesirable addition of topical treatments. Certain embodiments of the woven fabric are disclosed that comprise a plurality of weft yarns comprising a blend of fibers with inherently fire resistant fibers with superior moisture management properties and a plurality of warp yarns optionally dyed comprising cellulose derivatives. The woven fabrics are particularly useful in denim work clothes because they are comfortable to wear and exhibit fire resistance and abrasion resistance

No. of Pages : 58 No. of Claims : 41

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WIPER SYSTEM FOR CLEANING DUST DEPOSIT ON THE CABIN GLASS OF OPERATING CABIN IN EOT CRANES.

(51) International classification:B660(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (71)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :ROURKELA STEEL PLANT, ROURKELA-769011, ORISSA India (72)Name of Inventor : (72)Name of Inventor : (71)BHATTACHARYA, APARUP
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(57) Abstract :

The present invention relates to a wiper system for installation on the wall of operating cabins in EOT cranes adapted to clean dust deposited on the cabin glass of operating cabin in EOT cranes. More particularly, the present invention is directed to providing a wiper system for cleaning glass pane of operators cabin of an EOT crane wherein the operator himself can clean the glasses with a wiper as and when required while working by simply operating a handle from within the cabin while the crane is in operation to ensure clear visibility in a quick, simple and safe manner avoiding downtime of crane or hindrance to shopfloor activity.

No. of Pages : 11 No. of Claims : 7

(22) Date of filing of Application :29/05/2013

(54) Title of the invention : AN INSULATING NOZZLE TO IMPROVE INTERRUPTING PERFORMANCE OF HIGHER VOLTAGE CIRCUIT BREAKERS

(51) International classification	:H01H 33/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MANDAVA MOHANA RAO
Filing Date	:NA	2)GORREPATI VENKATA SUBBA RAO
(62) Divisional to Application Number	:NA	3)SISHTLA VENKATA NATARAJA JITHIN SUNDAR
Filing Date	:NA	

(57) Abstract :

The invention relates to an insulating nozzle to improve interrupting performance of higher voltage circuit breakers, the high voltage circuit breaker comprising : a socket contact assembly comprising a socket, an insulating shroud, and a dynamic current carrying contact; a socket support covered by the insulating shroud of the socket contact assembly; a dynamic field electrode surrounding a pin acting as a second movable contact, the pin is constructed such that the pin upon entering inside the nozzle accelerates the arcing energy till the pin exits a throat region; a stationary current carrying contact assembly internally accommodating the assembly of the pin and dynamic field electrode, the static current contact assembly comprises a static current carrying contact shield and a static current carrying contact; the dynamic field electrode in the open condition of the interrupter projecting out from the static current carrying contact shield to allow the gas gap between the dynamic field electrode and the dynamic current carrying contact determine the withstandable voltage; the interrupter operating under three coupled volumes, the first volume being a compression volume, the second volume being an expansion volume, and the third volume being an intermediate volume which in combination provides an efficient gas flow rate at the time of interruption; the nozzle comprising :- a first terminal integrated to the socket contact assembly; a second terminal coupled to the pin through a mechanical coupling and energy storage device; a converging zone connecting the intermediate volume and the throat region and having a converging angle, and an extendable length, the length being dependent on profile of said insulating shroud including the fault current to be interrupted; a straight zone or throat region convergingly connecting a first diverging zone, the occupied length of the zone depending on speed of the moving contact system and the diameter of the zone corresponding to the fault current to be interrupted; the first diverging zone having an angle of divergence about 40 to 60°, and an occupied length corresponding to the diameters of the throat, fixed contact and fixed movable contact; a second diverging zone having a divergence angle about 2 to 5° and an extendable length corresponding to speed of the moving contact, dual motion contact means and arcing time of the circuit breaker; and a third diverging zone having a divergence angle more than 40° , and an occupiable distance depending on the difference between time to establish isolation between the arcing contacts and maximum arcing time, wherein the electrostatic field across main current carrying contacts and arcing contacts is maintained uniform, wherein communication of hot/ionized gas from the arcing contacts to the gas gap formed between the socket contact assembly and static current carrying contact assembly is prevented, wherein the gas gap between the socket and the insulating shroud and between the insulating shroud and the insulating shroud and the nozzle allows discharge of sufficient gas flow from the intermediate volume including maintenance of uniform electrostatic field across insulator shroud and the nozzle.

No. of Pages : 24 No. of Claims : 1

(22) Date of filing of Application :31/05/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR EVALUTION OF REVERSIBLE WATERMARKING OF DIGITAL IMAGES AND AUDIO

(51) International classification	:G06T1/00, H04N1/44	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY,
(31) Priority Document No	:NA	KHARAGPUR
(32) Priority Date	:NA	Address of Applicant : INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, KHARAGPUR 721302, DIST - MIDNAPORE,
(86) International Application No	:NA	STATE OF WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAKRABORTY, RAJAT, SUBHRA
(61) Patent of Addition to Application Number	:NA	2)NASKAR, RUCHIRA
Filing Date	:NA	3)SARKAR, BITTU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is system and method for the implementation of fourteen commonly used state-of-the-art reversible watermarking algorithms for digital images and audio, producing the watermarked files in appropriate formats for the user to store them on local drive is disclosed. Systems and methods disclosed in the present invention have provisions for testing the performances of those algorithms and comparing them against each other (in terms of common performance metrics). The results of those comparisons are presented to the user, in forms of graphs, plots and Jog files for use at a later point of time. The software platform allows the execution and performance comparison of all the pre-stored algorithms using the same graphical user interface.

No. of Pages : 41 No. of Claims : 10

$(22) \mathbf{D}_{\mathbf{r}} \mathbf{f}_{\mathbf{r}} \mathbf{f}_{\mathbf{r}}$

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'A METHOD OF REPLACING A CONVENTIONAL SPRING WITH BEARING-LESS SPRING ASSEMBLY IN BOWL MILLS IN AN OPERATING THERMA LPOWER PLANT'

(51) International classification	:F16C 13/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VASAMSETTI BABU RAO
Filing Date	:NA	2)TALARI MOHAN RAO
(62) Divisional to Application Number	:NA	3)NIRNITH SAI SUKHDHAM
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of replacing an existing journal spring assembly with a bearing-less spring assembly in bowl mills in an operating thermal power plant, the bearing-less spring assembly comprises a spring cup fitted on a journal opening cover by at least a first coupling device consisting of a hexagonal screw, a spring washer, and a machined washer, the spring cup provided with a pressure spring assembly; a spring support cover releasably attached to said journal opening cover by at least one second coupling device consisting of a spring washer, a bolt retainer clamp, a pressure hexagonal bolt, and a hexagonal nut; and a spring extension cap for assembly on the spring support cover, the method comprising the steps of removing the existing journal opening cover by gascutting and grinding the cut surface; welding a round plate on the spring support cover; enlarging the bore diameter to accommodate the spring support cover of the bearing-less spring assembly; drilling a plurality of equally-spaced through holes to accommodate the spring support cover; drilling equally spaced tapped holes to assemble the pressure cup.

No. of Pages : 21 No. of Claims : 3

(22) Date of filing of Application :03/06/2013

(54) Title of the invention : AN AUTOMATED ARRANGEMENT FOR OPENING AND CLOSING OF THE TAILGATE OF A TIPPER TRUCK OR ANY SUCH DOOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No (87) International Publication Number (88) International Publication Number (92) Divisional to Application Number (93) International Publication Number (94) Internationa	 (71)Name of Applicant : ()INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721302, DIST - MIDNAPORE, STATE OF WEST BENGAL, INDIA (72)Name of Inventor : ()KRISHNA, NEERAJ, G ()BAYARI, PARKALA, YASKADEVA
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(57) Abstract :

The present invention relates to automatic opening and closing of the tailgate of a Tipper Truck or any such door with the lifting and lowering of the dump container using simple mechanism without the use of any separate power source. The present invention provides an automated arrangement for opening and closing the tailgate of a tipper truck. The cost involved in constructing and installing the mechanism is very less.

No. of Pages : 13 No. of Claims : 6

(22) Date of filing of Application :04/06/2013

(54) Title of the invention : AUTOMATIC DRILLING MACHINE WITH MULTI-STAGE CHIP DISCHARGE MECHANISM

(51) International classification	:E21B 21/00	(71)Name of Applicant : 1)LIN, CHING-SHAN
(31) Priority Document No	:NA	Address of Applicant :NO. 481, GUOZHONG RD., DALI
(32) Priority Date	:NA	CITY, TAICHUNG COUNTY 412, TAIWAN (R.O.C.)
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)LIN, CHING-SHAN
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 automatic drilling machine with multi-stage chip discharge mechanism includes a drilling machine 1 having a working portion 11 and a driving portion 12. A transmission mechanism 2 is disposed in the drilling machine 1. The transmission mechanism 2 has a driven shaft 21, a main shaft 22 and an adjusting assembly 23. A gear member 222 sleeves onto the main shaft 22. The gear member 222 has a first gear 2221 and a second gear 2222. Either the first gear 2221 or the second gear 2222 has at least one intermission portion 2223. Therefore, a user could choose different actuating method for drilling such as continuously drilling or intermittently drilling for chip discharging.

No. of Pages : 24 No. of Claims : 7

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM, A DEVICE AND A METHOD FOR RECOVERING AND DEWATERING FINER 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 Filing Date 	:B03B7/00, B03B9/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CDE ASIA LIMITED Address of Applicant :NH-6, JALAN INSDUSTRIAL PARK, DHULAGARH, HOWRAH-711302, STATE OF WEST BENGAL, INDIA (72)Name of Inventor : 1)BHARTIA, MANISH 2)BANDYOPADHYAY, ARABINDA
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A system for recovery and dewatering of finer particles is provided comprising a) sump, pump and pipe line; b) hydro cyclone battery; c) optionally a magnetic separator and high efficiency dewatering screen. A method of recovery and dewatering of finer 10 particles is also provided.

No. of Pages : 34 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEW FASTENING SYSTEM FOR CHECK RAIL

 (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 	:E01B9/62, E01B9/60, E01B3/00 :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DEY DIPAK Address of Applicant :RESIDING AT 9, SOUTH BUXSHARA 1ST BY LANE, P.OD. SK. LANE, HOWRAH - 711109, WEST BENGAL, INDIA (72)Name of Inventor : 1)DEY DIPAK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new fastening system for check rail including a base Plate (1) on which a check rail (3) the said base plate which supports the check rail while transferring the weight of check rail on the running rail and at the same time holding the running rail vertically and laterally, the base plate being provided with a locating pin, integral with said base plate and as shown illustrated in the drawing to ensure the correct location in the sleeper. The locating pin is integral with said base plate used for steel and wooden sleeper, and optionally required for assembly with PSC Sleeper. The said fastening system is preferably insulated by providing insulation at the point of contact of base plate with running rail.

No. of Pages : 6 No. of Claims : 8

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A 4-WIRE 3-PHASE POWER DISTRIBUTION NETWORK SENSOR FOR MONITORING MINUTE LOAD UNBALANCE AND HARMONIC NOISE

(51) International classification	:G11B 27/00	(71)Name of Applicant : 1)INDIAN ASSOCIATION FOR THE CULTIVATION OF
(31) Priority Document No	:NA	SCIENCE
(32) Priority Date	:NA	Address of Applicant :2A & 2B RAJA S.C.MULLICK
(33) Name of priority country	:NA	ROAD, JADAVPUR, KOLKATA 700032, West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NATH, DEB NARAYAN
(87) International Publication No	: NA	2)MONDAL, JAYDEB
(61) Patent of Addition to Application Number	:NA	3)NATH, SAGNIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sensor system for sensing network parameters of 3-phase power distribution network or power line to interpret neutral failure in said power distribution network or power line comprising means for generating stabilized reference signals synchronized to the three phases of said power distribution network or power line and thereby generating inverting neutral voltage with respect to ground and means for determining electronic attribute related to the neutral voltage. The determined electronic attributes are compared in comparator circuits with their predefined set values to interpret the neutral failure in the power distribution network or the power line.

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

(22) Date of filing of Application :29/05/2013

(54) Title of the invention : A CACHE TIMING ATTACK RESISTANT PREFETCHING SYSTEM.

(51) International classification:C(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No:N(61) Patent of Addition to Application Number:N	G06F11/00, 506F12/08 NA NA NA NA NA NA NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant :SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, INDIA. (72)Name of Inventor : 1)BHATTACHARYA SARANI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eliza Data 	NA NA NA	1)BHATTACHARYA, SARANI 2)MUKHOPADHYAY, DEBDEEP 3)REBEIRO, CHESTER
Filing Date :	NA	

(57) Abstract :

A secured processor system having catche memories comprising catch memories enabled with prefetcher means having dedicated prefetching routine involving even-odd sequential prefetching adapted to prefetch the next block depending on whether the current block is even or odd whereby if the current block is even, then prefetching the immediately next block and if the current block is odd, prefetching the previous block enabling controlling leakages and processor security.

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

(19) INDIA

(22) Date of filing of Application :29/05/2013

(54) Title of the invention : LOW CAPACITY MIXED GAS BURNER FOR LONG FLAME GENERATION

(51) International classification:C03B 37/00(31) Priority Document No.:NA	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :RESEARCH & DEVELOPMENT
(32) Priority Date :NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(33) Name of priority country :NA	Jharkhand India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)SEN MRINAL
(87) International Publication No : NA	2)VAIDYANATHAN THAMARAI SELVAN
(61) Patent of Addition to Application Number :NA	3)KUMAR PRABHAS
Filing Date :NA	4)SINGH AWADHESH PRASAD
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a low capacity mixed gas burner for long flame generation. The low capacity mixed gas burner is adapted for controlled mixing of gas and combustion air with minimum excess air to generate long flame suitable for application in flame heating furnace and the like. Importantly, the low capacity mixed gas burner according to the present invention comprises concentric gas and air pipes of suitable dimensions to obtain desired mixing of gas and air streams at the burner nozzle involving specially configured air nozzle for sending combustion air surrounding the gas stream and a gas nozzle with suitable flame stabilizer to generate stable and long flame inside the furnace with mixed gas. The gas nozzle with said flame stabilizer is fixed inside the combustion air nozzle at a certain distance inside the air nozzle tip to obtain desired gas /air mixing and long flame even at low heat load.

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

(22) Date of filing of Application :15/11/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVELOPMENT OF ADVANCED SHAPED HYDROFORMED QUILTED PANELS (ASHQP) TO OPERATE AT 80K AND 4K CRYOGENIC TEMPERATURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B62D 23/00 :NA :NA :NA	 (71)Name of Applicant : 1)I-DESIGN ENGINEERING SOLUTIONS LTD. Address of Applicant :(SUBSIDARY OF RSB TRANSMISSION (I) LTD.) N2/40, IRC VILLAGE, NAYAPALLI BHUBANESWAR-751015, ORISSA, INDIA.
(86) International Application No	:NA	2)INSTITUTE FOR PLASMA RESEARCH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. SWARUP UDGATA
(61) Patent of Addition to Application Number	:NA	2)MR. RAVI PRAKASH N. (ENGINEER-SF)
Filing Date	:NA	3)MS. RANGANA GANGRADEY (SCIENTIST-SE)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an advanced shaped hydroformed quilted panel (ASHQP) to operate at 80K and 4K cryogenic temperature; a perfectly straightened metal tube (1) with surface finish to allow a higher heat transfer, the metal tube (1) being bent without any degree of pinching at the bent position to eliminate undesirable flow of cryogenic fluid in the bent area; and a flat metal sheet (2) clamped to the metal tube (1) in a clamping device and joined together using a roll seam welding technique by maintaining weld spacing such that leak-tightness and distortion control can be prevented; wherein the tube, sheet, and weldments are selected of identical metal grade and standard.

No. of Pages : 16 No. of Claims : 7
(19) INDIA

(22) Date of filing of Application :30/05/2013

(54) Title of the invention : 1,4-TRIAZOLE BASED POLYPHENOL HYBRIDS.

(43) Publication Date : 05/12/2014

(71)Name of Applicant : :C08F220/08 1)INDIAN INSTITUTE OF (51) International classification (31) Priority Document No :NA TECHNOLOGY.KHARAGPUR (32) Priority Date :NA Address of Applicant :SPONSORED RESEARCH & (33) Name of priority country :NA INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF (86) International Application No :NA TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, Filing Date :NA INDIA. (87) International Publication No : NA (72)Name of Inventor: (61) Patent of Addition to Application Number :NA **1)BANERJEE, DEB RANJAN** Filing Date :NA 2)DUTTA, DEBAJYOTI (62) Divisional to Application Number :NA **3)SAHA, BAISAKHEE** Filing Date :NA 4)BASAK, AMIT **5)DAS, AMIT KUMAR**

(57) Abstract :

FabG4 gene inhibitor/ molecule and drugs and/ or pharmaceutical compositions comprising the same involving triazole based polyphenol hybrids and related derivatives as the active adapted to strongly suppress and/or influence the growth of Mycobacterium species to be thus therapeutically efficacious to treat Mycobacterium tuberculosis having very low MIC (Minimum Inhibitory Concentration) levels. Said 1-4-triazole-polyphenol derivatives of the present invention in having high solubility in water also in addition to solid formulations facilitates liquid formulations involving buffer/ saline medium, liquid emulsions for oral administration and are also stable in presence of pharmaceutical carriers that may be optionally added to the formulations to favour activity and transport of the active molecule also favours stability.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/05/2013

(54) Title of the invention : A SYSTEM FOR REAL-TIME ASSESSMENT OF ALERTNESS LEVEL OF HUMAN BEINGS

(51) International classification	:A61B 5/00	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY,
(31) Priority Document No	:NA	KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR - 721 302 INDIA. West
(33) Name of priority country	:NA	Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PROF. AUROBINDA ROUTRAY (ELECTRICAL)
(87) International Publication No	: NA	2)MR. ANIBAN DASGUPTA (ELECTRICAL)
(61) Patent of Addition to Application Number	:NA	3)MS. ANJITH GEORGE (ELECTRICAL)
Filing Date	:NA	4)MR. S.L. HAPPY (ELECTRICAL)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for real-time assessment of alertness level in human beings. The system comprising at least one digital camera for capturing the image of a subject in a given time window; an embedded processor with a logic rule for receiving, processing the captured image data, and outputting signals representing alertness state classification of the subject; a display device for exhibiting the outputted alertness level data from the processor; and a device for sounding an alarm when the detected alertness level of the subject is below a threshold value. The system is configured to: localize the face and eye of the subjects image within the captured image frame; register the eye image and transmit to the processor; remove glint in the eye image; detect the eye corner of the subjects registered eye image to obtain a reference point; compute an iris centre position of the eye; determine an iris velocity; and decide the alertness level of the subject based on a comparison of the processed data with a pre- stored set of data.

No. of Pages : 19 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : STRUCTURE FOR END OF MI CABLE AND METHOD FOR PRODUCING THE SAME (51) International classification :H01R 4/00 (71)Name of Applicant : (31) Priority Document No 1)OKAZAKI MANUFACTURING COMPANY :NA (32) Priority Date Address of Applicant :1-3 GOKODORI 3-CHOME, CHUO-:NA (33) Name of priority country KU KOBE-SHI, HYOGO 6510087, JAPAN :NA (86) International Application No :PCT/JP2013/003517 (72)Name of Inventor : **1)NISHIKAWA, TAKETO** Filing Date :04/06/2013 (87) International Publication No : NA 2)OKAZAKI, KAZUHIDE (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a structure for an end of an MI cable, capable of being produced in a short time with a small number of processing steps. In the structure for the end of the MI cable, a connector including metal pins is attached to the end of the MI cable, and the metal pins respectively have sharp-pointed front ends stuck into the end faces of the wires of the MI cable, and rear ends functioning as electrodes for connection with a soft cable.

No. of Pages : 45 No. of Claims : 9

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'AN IMPROVED RECEPTACLE MOUNTING DEVICE ADAPTABLE IN OIL RIG POWER CONTROL ROOM (PCR)'

 (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 (53) Number (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (59) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (58) Patent (59) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (58) Patent (58) Patent (58) Patent (59) Patent (51) Patent (51) Patent (52) Patent (52) Patent (53) Patent (54) Patent (55) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) P	 (71)Name of Appli 1)BHARAT HEA Address of App DIVISION(ROD) F KARUNAMOYEE HAVING ITS REG FORT, NEW DELF (72)Name of Inven 1)DIPAK SHAR 2)RAJESH AGA 3)RAKESH VISI 4)ROHIT VERM 5)PRAVEEN SH 	cant : AVY ELECTRICALS LIMITED licant :REGION CAL OPERATIONS 'LOT NO:9/1, DJ BLOCK 3RD FLOOR ,SALTLAKE CITY, KOLKATA-700091 ISTERED OFFICE AT BHEL HOUSE, SIRI HI - 110049, INDIA. tor : MA RWAL HNOI IA IA
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(57) Abstract :

The invention relates to an improved receptacle mounting device for socket board of Oil Rig Power Control Room (PCR) comprising a plurality of socket mounting rings having two sets of threaded holes, a first set of holes for fixing the socket mounting ring easily on the receptacle board by using screws from inside the PCR, and the second set of holes is used for mounting of the socket from outside the PCR, wherein the first set of holes on the receptacle mounting ring is selected based on weight of the plug-receptacle combination and associated cable being independent of diameter of the mounting hole of the socket and number of mounting holes on the receptacle (socket), and wherein the receptacle mounting ring comprises a third set of tapped holes over which the receptacle is mounted from outside the PCR.

No. of Pages : 21 No. of Claims : 3

(22) Date of filing of Application :31/05/2013

(54) Title of the invention : 'AN IMPROVED SILENCER FOR EFFECTIVELY REDUCING NOISE PRODUCED BY AC MOTORS WITH CACA ENCLOSURE WHILE IN OPERATION'

(51) International classification :F	F01N /00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No :N	NA	Address of Applicant : REGION CAL OPERATIONS
(32) Priority Date :N	NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(33) Name of priority country :N	NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
(86) International Application No :N	NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
Filing Date :N	NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No :	NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number :N	NA	1)MANISH NARAYAN
Filing Date :N	NA	2)VIPUL AGARWAL
(62) Divisional to Application Number :N	NA	3)VAIBHAV PANCHBHAI
Filing Date :N	NA	

(57) Abstract :

The invention relates to an improved silencer for effectively reducing noise produced by AC motors with CACA enclosure while in operation, comprising a front plate (02) detachably attachable to a fan ducting flange of the motor structure; a shaped wrapper plate (01) welded at one end to the front plate (02), a second end of the wrapper plate (01) is rigidly joined to a back flange (06); a shaped top cover (05) welded with wrapper plate (01) and back flange (06); a back cover (03) and a flange (06) assembly; a middle plate (04) for guiding air flow to the external suction fan; a glass wool slab applied on the entire internal walls of the silencer; and a perforated sheet disposed cover the glass wool slab, the perforated sheet having at least 70% open space, and the glass wool slab is selected to have minimum required density.

No. of Pages : 11 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AUTOMATED MANUAL TRANSMISSION WITH ELECTRIC MOTOR GENERATOR

(51) International classification	:F16H 3/00	(71)Name of Applicant :
(31) Priority Document No	:13/905405	Address of Amiliant (200 CM DENAISSANCE CENTED
(32) Priority Date	:50/05/2015	Address of Applicant 300 GWI REINAISSANCE CENTER,
(35) Name of priority country (86) International Application No.	.U.S.A.	DETROIT, WICHIGAN 46203-5000, U.S.A. (72)Nome of Inventor:
Filing Date	·NA	1)CRAICS ROSS
(87) International Publication No	· NA	2)SCOTT H WITTKOPP
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The transmission includes an input shaft rotatable about a first axis of rotation, and a countershaft arranged substantially parallel with the input shaft and rotatable about a second axis of rotation. An output member is operatively connected to rotate in unison with the countershaft. Multiple pairs of intermeshing gears are included, each having a respective synchronizable gear that rotates about one of the input shaft and the countershaft, and a respective fixed gear mounted to the other one of the input shaft and the countershaft to rotate in unison therewith. An electric motor has a rotor concentric with and rotatable about the first axis of rotation. A first synchronizer is selectively engageable to synchronize rotation of the rotor with the input shaft. A second synchronizer is selectively engageable to synchronize rotation of the synchronizable gears that rotates about the input shaft.

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

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NON-CONTACT METHOD OF MAKING FRONT AND REAR CONTACT METALLIZATION IN SILICON SOLAR CELLS BY DIRECT LASER SINTERING OF METAL POWDERS.

(51) International classification	:H01L31/05, H01L31/18	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :WITH ONE OF ITS REGIONAL
(32) Priority Date	:NA	OFFICE AT AMORPHOUS SILICON SOLAR CELL PLANT,
(33) Name of priority country	:NA	GWALPAHARI, GURGAON HAVING ITS REGISTERED
(86) International Application No	:NA	OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI -
Filing Date	:NA	110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ABHISHEK SHARAN
Filing Date	:NA	2)DR. BASUDEV PRASAD
(62) Divisional to Application Number	:NA	3)MRS. SHIVANGI JHA,
Filing Date	:NA	

(57) Abstract :

The invention relates to a non-contact method of making front and rear contact metallization in silicon solar cells by direct laser sintering of metal powders, the method comprising the steps of chemical etching of standard silicon crystal silicon solar cells; forming P-N junction of the cells; removing the parasitic junctions of the formed wafers; passivation of the formed wafers; depositing ARC layer on the wafers; screen printing the front contacts of the wafers; drying the front contacts; screen printing the back contacts; drying the back contacts; co-firing of the front and back contacts;

No. of Pages : 15 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REGISTER

	·G02B	(71)Name of Applicant :
(51) International classification	7/00	1)HOWA PLASTICS., LTD.
(31) Priority Document No	:NA	Address of Applicant :45-1, NISHIMIYAMAE,
(32) Priority Date	:NA	NISHINAKAYAMA-CHO, TOYOTA-SHI, AICHI, 470-0496
(33) Name of priority country	:NA	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HIBINO YOSHIMITSU
(87) International Publication No	: NA	2)TORII YOSHIKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A barrel unit having an air outlet on the front portion of an air passage provided inside a barrel main body is axially supported turnably inside a retainer by turning shafts on both sides parallel to the transverse direction of the air outlet. Inside the barrel main body of the barrel unit, a turning louver including a plurality of movable fins provided side by side turnably around pivots on both sides is provided turnably. In a portion that is gradually narrowed toward the blowing-out direction between the outer wall surface of the barrel main body and the inner wall surface of the retainer, on the inner wall surface of the retainer or the outer wall surface of the barrel main body, concave and convex line portions for preventing a whistling noise are formed parallel to the air-feeding direction.

No. of Pages : 31 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL FILLER FOR SMOKING ARTICLE

(51) International classification	:A24B15/14, A24B15/16	(71)Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA -
(32) Priority Date	:NA	700 071, STATE OF WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)TYAGI, KAMAL, KUMAR
Filing Date	:NA	2)MEHTA, SHARAD, 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 reconstituted tobacco which can be blended with tobacco, said reconstituted tobacco comprising 20-90%, preferably 30-80 % by weight tobacco remains, 5-70 %, preferably 8-50 % by weight HPMC, 1-30%, preferably 5-20 % by weight water soluble gum, 0.5-50 %, preferably 2-15 % by weight burn modifier, 5-50%, preferably 10-20 % by weight glycerin and 0-50 %, preferably 2-10 % by weight of filler and optionally flavoring agents. Also provided are processes for preparing the reconstituted tobacco.

No. of Pages : 24 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SELF CORRECTING DVR RECORD PIPELINE

(51) International allossification	:H04N	(71)Name of Applicant :
(51) International classification	5/00	1)GENERAL INSTRUMENT CORPORATION
(31) Priority Document No	:NA	Address of Applicant :101 TORRNAMENT DRIVE
(32) Priority Date	:NA	HORSHAM, PA 19044 UNITED STATES OF AMERICA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SCHMITT ERNEST G.
Filing Date	:NA	2)FAISAL
(87) International Publication No	: NA	3)MAHESWARAM SURYA P.
(61) Patent of Addition to Application Number	:NA	4)SHROT MANU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for a self-correcting DVR record pipeline may provider for simpler, lower cost transport producer hardware elements. A free running transport pipeline producer may fill transport buffers without waiting for feedback from the data consumer that data has been completely processed. The pipeline data consumer independently detects transport buffers that are overwritten before processing on the buffer content is complete. The pipeline data consumer drops or deletes any invalid content or stream data to recover from the data overflow condition.

No. of Pages : 49 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRIC MOTOR ASSEMBLY AND METHOD.

(51) International classification	:H02K 5/00	(71)Name of Applicant :
(31) Priority Document No	:13/905453	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:30/05/2013	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TIMOTHY J.ALFERMANN
(61) Patent of Addition to Application Number	:NA	2)EDWARD L. KAISER
Filing Date	:NA	3)RYAN VAN TIEM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric motor assembly includes a housing and a stator. The housing includes an outer housing surface, an inner housing surface defining an interior housing cavity, and a plurality of housing protrusions extending from the inner housing surface. The stator is disposed in the inner housing cavity and includes an outer stator surface, an inner stator surface, and a plurality of stator protrusions extending from the outer stator surface toward the outer housing surface. The stator protrusions are configured to mate with the housing protrusions to frictionally couple the stator to the housing in order to fix the stator relative to the housing.

No. of Pages : 14 No. of Claims : 10

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A REAL-TIME SYSTEM FOR OBJECT DETECTION AND RECOGNITION WITH MACHINE BEARING'

(51) International classification:GG(51) International classification9/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	 (71)Name of Applicant : (71)Name of Applicant : (71)NDIAN INSTITUTE OF TECHNOLOGY, (71)NDIAN INSTITUTE OF TECHNOLOGY, (72)Name of Applicant :KHARAGPUR - 721302, INDIA., West (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)BIBEK KABI (RESEARCH SCHOLAR (MS) (74) (100)
(62) Divisional to Application Number :NA Filing Date :NA	A A A
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(57) Abstract :

The invention relates to a system for real-time object detection and recognition with real-time machine learning. The system can be applicable in automotive industries , quality monitoring, security and surveillance purposes. The inventive system is configured to train and prepare itself using fast and accurate singular value decomposition (SVD) in real-time to detect and recognize objects, The system hardware comprise i) a digital camera, ii) an audio output system, and iii) an embedded computing platform. There are two channels/paths, one for training and the other path is deployed for object detection and recognition. The advantage of the system is the means for fast and accurate real-time implementation of the Tridiagonalization and Divide and Conquer based Singular Value Decomposition (TDCSVD).

No. of Pages : 18 No. of Claims : 2

(19) INDIA(22) Date of filing of Application :31/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING HYDROGEN FROM COAL GAS

(51) International classification:C01B3/02. B01D53/34(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No Filing Date:NA(87) International Publication No Filing Date:NA(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA(63) Divisional to Application Number Filing Date:NA(64) Patent of Addition to Application Number Filing Date:NA(65) Divisional to Application Number Filing Date:NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor : 1)CHENGALA DAMODARA MADHUSOODANA 2)PEEUSH KUMAR 3)SATYA MOHAN RAO DAGANI 4)SIVA RAMA KRISHNA NAKKA 5)NAGA MOHAN LTTAGUNTA 6)MOHANA RAO DAMACHARLA
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(57) Abstract :

The present mvention related to a method of producing hydrogen from syngas or coal gas and the system consisting of hydrogen production, hydrogen punfication and CO2 separation. The Hydrogen production system consists of one unit of water gas shift reactor having catalyst with structured packing. The hydrogen punfication system consists of sets of membranes for punfying Hydrogen. The CO2 separation system consists of membrane contactors. The present invention uses two stages of Membrane contactors for separating CO2 from syngas and product of reactor to enhance the efficiency of hydrogen production and hydrogen punfication respectively. The system mixented can produce Hydrogen with punty >99% using high hydrogen selective membranes for use in many mdustnal apphcations and energy generation.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :03/09/2008

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED ICE TRAY FOR FAST ICE MAKING IN DIRECT COOL REFRIGERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No. 	:F25C1/24 :NA :NA :NA	 (71)Name of Applicant : 1)LG ELECTRONICS INDIA PVT. LIMITED Address of Applicant :1, HO-CHI-MIN-SARANI, 6TH FLOOR, METRO TOWERS, CALCUTTA West Bengal India
(86) International Application No Filing Date	:NA ·NA	2)LG ELECTRONICS INC. (72)Name of Inventor :
(87) International Publication No	: NA	1)SUNIL CHOPRA
(61) Patent of Addition to Application Number	:NA	2)NITIN MOUDGIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved ice tray for fast ice making in direct cool refrigerator comprising of a plurality of spaced apart cavities having protrusion for better conduction and a plurality of holes between said cavities for convention wherein said ice tray is made of stiff resilient plastic material.

No. of Pages : 7 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :02/04/2002

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ELECTRONIC ASSEMBLY FOR A DATA PROCESSING SYSTEM, A SUBSTRATE TO PACKAGE A DIE, USED IN SAID ELECTRONIC ASSEMBLY, AND METHOD 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 Filing Date 	:H01L 23/498 :09/631,037 :31/07/2000 :U.S.A. :PCT/US2001/23721 :26/07/2001 :WO 2002/11207 :NA :NA :NA :NA	 (71)Name of Applicant : INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA U.S.A. (72)Name of Inventor : CHAKRAVORTY KISHORE K
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(57) Abstract :

There is disclosed an electronic assembly (4) having a die (200) comprising power, ground, and signal nodes; and a multilayer ceramic substrate (210) comprising an embedded capacitor (230) having first and second terminals; a first surface having a first core with a first plurality of power lands (215. 227) coupled to the first terminal and a first plurality of ground lands (211-213) coupled to the second terminal, the first plurality of power lands and the first plurality of ground lands each being a relatively large number, and a first periphery comprising a first plurality of signal lands; and a second surface having a second core with a second plurality of power lands coupled to the first terminal and a second plurality of ground lands coupled to the second terminal, and a second plurality of ground lands coupled to the second terminal, and a second plurality of ground lands coupled to the second terminal, and a second plurality of ground lands coupled to the second terminal, and a second plurality of ground lands coupled to the second terminal, and a second periphery comprising a second plurality of signal lands; wherein the first plurality of power lands, the first plurality of ground lands, and the first plurality of signal lands are coupled to corresponding ones of the power, ground, and signal nodes of the die.

No. of Pages : 34 No. of Claims : 33

(22) Date of filing of Application :30/05/2013

(54) Title of the invention : A METHOD FOR ENHANCING THE UNIFORMITY OF PLASMA TEXTURING OF MULTICRYSTALLINE SILICON WAFERS

(57) Abstract :

A method for enhancing the uniformity of plasma texturing of multicrystalline silicon wafers comprising: subjecting silicon wafers to the step of texturing by exposing of the said silicon wafers to SF6 + O2 plasma in a vacuum chamber.

No. of Pages : 11 No. of Claims : 4

(22) Date of filing of Application :30/05/2013

(54) Title of the invention : AN ADVANCE BACK CORONA CONTROL SYSTEM TO IMPROVE EFFICIENCY OF ELECTROSTATIC PRECIPITATOR

(51) International classification	:B03C 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VELU SUBBAN SURESHKUMAR
Filing Date	:NA	2)VIVEK PHILIP JOHN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an advanced back-corona control system to improve efficiency of Electrostatic Precipitators, the system is configured to: implement a time-delay process in which the time to disallow flow of current through dust layer in collecting electrodes of the ESP is modified so as to allow discharge of the built-up charge in the dust layer, wherein the combination of half-cycles and conduction angle control of the pulses fired from a reference point is used for energisation; achieve time-delays between 0 to 10 seconds by intermittent energization according to a control logic incorporated in the system; and eliminate transformer core saturation by using a modulated-intermitent-halfcycle- ratios.

No. of Pages : 12 No. of Claims : 5

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED RUBBER HOUSING DEVICE FOR CENTER BEARING ASSEMBLY IN A VEHICLE DRIVELINE

 (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 	B60K 17/00 NA NA NA NA	 (71)Name of Applicant : 1)I-DESIGN ENGINEERING SOLUTIONS LTD. Address of Applicant :N2/40, IRC VILLAGE, NAYAPALLI BHUBANESWAR-751015, ORISSA, INDIA. (72)Name of Inventor : 1)MR. SATYA SWARUP UDGATA 2)MR. ANIL DAKHE
(87) International Publication No(61) Patent of Addition to Application Number	NA NA	
Filing Date:(62) Divisional to Application Number:Filing Date:	NA NA NA	

(57) Abstract :

The invention relates to an improved rubber housing for center bearing assembly for rotatably supporting an intermediate portion of a vehicle drives line assembly; the improvement is characterized in that : two row of slots configured in the rubber housing are so oriented that variable stiffness can be achieved; length and width of the slots and wall thickness between two slots are constructed for vibration isolation; overlap distance of the two row slots is selected to maintain cushioning; a convex profile on the rubber housing and a concave profile in the bracket provided to control the axial movement of the rubber in a bracket, which allows flexibility in self alignment of the rubber housing with in said bracket; slice cut is oriented at the bottom of the rubber housing to create a gap between the bracket and the rubber housing; the slice cuts are oriented between the outer raw of slots at a specified distance from the bottom to avoid the solidification of rubber; and depth of this slice cut inside the rubber housing is controlled to maintain the cushioning effect.

No. of Pages : 17 No. of Claims : 2

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN APPARATUS AND A METHOD FOR ULTRASONIC TREATMENT OF COAL TO INCREASE YIELD OF CLEAN COAL IN A FLOATATION PROCESS

(51) International classification	:B03B 1/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(33) Name of priority country	:NA	831001,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASAD KOPPARTHI
(87) International Publication No	: NA	2)DR. P.K. BANERJEE
(61) Patent of Addition to Application Number	:NA	3)BALA MURUGAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for ultrasonic treatment of coal to increase yield of clean coal in a floatation process, comprising the steps of: mixing coal fines with water to produce coal slurry with desired density in a mixing unit;ultrasonic conditioning of the slurry in an ultrasonic bath having at least one transducer with a generator by adding collector and frother at different intervals in varying concentration; selective separation of coal particles from the conditioned slurry transferred from the ultrasonic bath by injecting air bubbles in a floatation unit to produce clean coal froth; recovering water from the clean coal froth, and recovering the water for further recycling including discarting of the tailings, wherein the transducer with generator having a frequency of at least 25 kHz and output power of 2000 watts, wherein the density of the coal slurry is at least 10% with mixing time of 03 minutes, wherein the ultrasonic conditioning is variable between 1kg/ton to 3kgs/ton with a single increment of 0.5kg/ton, and wherein the frother concentration is kept constant at 0.5 kg/ton.

No. of Pages : 18 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'A DEVICE FOR DRYING/CURING OF SCREEN PRINTED PATTERNS ON SILICON WAFERS IN A CONVENTIONAL DRYING BELT FURNACE PREVENTING THE SILICON WAFERS FROM DIRECT CONTACT WITH THE BELT TO ELIMINATE CONTAMINATION OF THE WAFERS'

(57) Abstract :

A device for drying/curing of screen printed patterns on silicon wafers in a conventional drying belt furnace preventing the silicon wafers from direct contact with the belt to eliminate contamination of the wafers comprising producing at least three different types of segments by cutting a stainless steel wire about 2 mm diameter; the first type of segment (A) formed in U shape with extended arms on both sides, the second type of segment (C) formed in L shape, and the third type of segment (B) formed as a horizontal member; welding of the three types of segments (A, B, C) at nine points (WJ), wherein the number of the segments formed are two in case of the first segment (A), in case of third type segment (B), and three for the second type (C), wherein the length of the - each segments A, B and C is selected in a ratio of 2.75 :1 : 1.90, wherein the height of the first and the second segment (A, C) is in the ratio of 1: 1.20, and wherein the extended arm length of the first segment (A) on both sides of the U is 21% of the length of first segment (A).

No. of Pages : 12 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :30/05/2013

(54) Title of the invention : ANTI CANCER PEPTIDE FROM SANTALUM ALBUM L.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K 38/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :KHARAGPUR 721302, WEST BENGAL, INDIA. (72)Name of Inventor : 1)S.H. DEY
(87) International Publication No	:NA : NA	2)ABHEEPSA MISHRA 3)SHIBENDU SEKHAR DAS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)SAMIRAN SONA GAURI 5)SANTI M. MANDAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a cyclic peptide obtained from East Indian Sandalwood, Santalum album L, having anticancer activity, said peptide having the structure Arg-Leu-Gly-Asp-Gly-Cys-Thr-Arg (cyclization between Arg1 and Arg8)

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEMAGNETIZING CIRCUIT FOR DC MAGNETS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B66C 1/00 :NA :NA :NA	 (71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :DURGAPUR STEEL PLANT, DURGAPUR-713203 WEST BENGAL India (72)Name of Inventor : 1)PANT CHANDRA SHEKHAR
Filing Date	:NA	
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA ∙N∆	
Filing Date	:NA	

(57) Abstract :

The present invention relates to demagnetizing of the DC magnets. More particularly, the present invention relates to modification in the currently use DC magnet circuits with the use of the fixed resistances, especially that in the EOT cranes.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE PROCESSING SYSTEM, IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING 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 	:G03G 15/00 :2013- 114283 :30/05/2013 :Japan :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LTD Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN (72)Name of Inventor : 1)TAIRA MATSUOKA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An image processing system includes first and second image forming apparatuses and an image processing apparatus. The first image forming apparatus includes an instruction unit that instructs performing a mode for reducing a consumption amount of a color material; and a transmission unit that transmits an image signal. The image processing apparatus includes a processing unit that processes an image signal so as to reduce the consumption amount of the color material which is consumed when an image of a processed image signal is printed. The first image forming apparatus instructs the image processing apparatus to process, at the image processing apparatus, an image signal addressed to the second image forming apparatus, before the image signal is transmitted to the second image forming apparatus, so as to reduce a consumption amount of a color material which is consumed when an image of a processed image signal is printed at the second image forming apparatus.

No. of Pages : 102 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD FOR ENSURING HIGH VOIP CAPACITY IN LTE

(51) International classification(31) Priority Document No(32) Priority Date	:H04W4/00, G06F19/00 :NA ·NA	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant :INDIAN INSTITUTE OF
 (32) Finding Date (33) Name of priority country (36) Interpretation Name 	:NA	TECHNOLOGY, KHARAGPUR 721 302, DIST -
Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)DAS, SUVRA, SEKHAR; 2)GHOSH, PRIYANGSHU
Filing Date (62) Divisional to Application Number	:NA :NA	3)CHANDHAR, PRABHU 4)PALIT, BASABDATTA
Filing Date	:NA	······································

(57) Abstract :

The present invention relates to a method for ensuring high VoIP capacity in Long term evolution (LTE). The present invention provides a scheduling method for use in packet scheduling and resource allocation unit of downlink VoIP services in LTE systems which is based on the statistics of the channel feedback information provided by the user terminals. The present method is to utilizing the Signal to interference noise ratio fluctuation in the resource allocation process to improve the capacity of the system. In the proposed method, all the users may not be allocated persistently.

No. of Pages : 36 No. of Claims : 14

(22) Date of filing of Application :03/06/2013

(54) Title of the invention : AN AUTOMATED MATERIAL MANAGEMENT SYSYEM AT SITE USING RFID COMBIND WITH GPS AND DIGITAL MAPS

(51) International classification	:G01S 19/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KANDAVALLI VEERA VENKATA RAJU, DEEPAK
Filing Date	:NA	SACHAN, SUBRATA BISWAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A material management system to organize, track and monitor an extensive yard area comprising a scanning means; a tracking means; Which are further mountable on a scanning vehicle which reads data values of each and every tag assigned to a material on a regular interval and calibrate the values of which with the prestored data, as stored in the processor and updating the processor stored data with the maximum data value, wherein the processor further generates an error message if the calibrated data values are out of predefined range.

No. of Pages : 20 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISPOSABLE AND BIODEGRADABLE SANITARY NAPKINS

(51) International classification :C08G63/0	5 (71)Name of Applicant :
(31) Priority Document No :NA	1)GUMMADALA, SHIVA SOURTHI
(32) Priority Date :NA	Address of Applicant :2-3-70/66, ANANTHRAM NAGAR
(33) Name of priority country :NA	COLONY, AMBERPET, HYDERABAD, ANDHRA PRADESH-
(86) International Application No :NA	500013 India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)GUMMADALA, SHIVA SOURTHI
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Sanitary napkins with improved structural configuration comprising a body contacting non-wettable top layer with suitably configured slits, a non-permeable barrier bottom layer together with an absorbent layer that facilitates body fluid/discharge upon wearing of the napkin to be carried forward by the said non-wettable top layer towards said slits to be absorbed effectively in said absorbent material through said slits, which sanitary napkins are also environment friendly by way of being disposable and biodegradable or reusable and durable.

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

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents 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 Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropria te Office
226744	Sandvik Intellectual Property AB	Indexable Cutting Inserts and methods for producing the same.	13/01/2014	KOLKATA

PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (CHENNAI)

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

SL. NO	PATENT NUMBE R	APPLICANTS	TITLE	DATE ON WHICH APPLICATIO N FILED	APPROPR IATE OFFICE
1	248073	Shri. JOSE PAUL MELETH & Shri. JOSEPH JUDE EMMANUEL PEREIRA	A PROCESS FOR THE PREPARATION OF A POLYMER COATED POWDER FREE FLEXIBLE RUBBER ARTICLE	03/07/2013	CHENNAI
2	254053	M/s. TVS MOTOR COMPANY LIMITED	CONE CLUTCH FOR CONTINOUSLY VARIABLE TRANSMISSION	15/07/2013	CHENNAI
3	248162	Shri. M. SHAILENDRA KUMAR	THE COMPACT DRAFTER	13/08/2013	CHENNAI
4	249166	M/s. MICHIGAN BIOTECHNOLOGY INSTITUTE	A RECOMBINANT MICROORGANISM CAPABLE OF PRODUCING SUCCINIC ACID	19/08/2013	CHENNAI
5	230240	M/s. THERMOGENESIS CORP.	RUPTURE RESISTANT BLOW MOLDED FREEZER BAG FOR CONTAINING BLOOD PRODUCTS	26/08/2013	CHENNAI
6	256088	M/s. MYLAN LABORATORIES LTD.,	NOVEL PROCESS FOR THE PREPARATION OF METHYL 2-((3S)-(3-((2E)-(7- CHLOROQUINOLIN-2-YL) ETHENYL)-PHENYL1) -3- HALOPROPYL)BENZOATE	24/10/2013	CHENNAI
7	245155	M/s. QUALCOMM INCORPORATED	METHOD FOR MAINTAINING PACKET DATA CONNECTIVITY IN A WIRELESS COMMUNICATIONS NETWORK	14/11/2013	CHENNAI
8	216220	Shri. VARADHARAJAN SENTHIL KUMAR	AN AUTOMATIC CHAPPATHI MAKING MACHINE	19/03/2010	CHENNAI

9	191954	M/S. AUSMELT LIMITED	A PROCESS FOR PRODUCING A SLAG MATERIAL	19/12/2013	CHENNAI
10	246604	M/s. AMMONIA CASALE SA	A HETEROGENEOUS SYNTHESIS REACTOR	26/12/2013	CHENNAI
11	248496	PFISTER GMBH	A METHOD AND APPARATUS FOR THE CONTINUOUS GRAVIMETRIC METERING OF FLOWING MATERIALS FOR BURNER SYSTEMS	04/01/2014	CHENNAI
12	245949	BASELL POLIOLEFINE ITALIA S.R.L.	METHOD FOR CONTROLLING THE POLYMER FLOW IN A POLYMERIZATION PROCESS	09/01/2014	CHENNAI
13	219740	M/s. MANDAYAM KRISHNAKUMAR SRINIVASAN	FAULT LOCATOR AND ANALYSER EQUIPMENT FOR HVDC LINES	04/02/2014	CHENNAI
14	198868	M/s. AUSMELT LIMITED	A PROCESS FOR THE RECOVERY OF COBALT PRODUCT FROM A MOLTEN SLAG	05/02/2014	CHENNAI
15	249834	M/s.LEK PHARMACEUTICALS d.d.	STABLE PHARMACEUTICAL COMPOSITION COMPRISING GRANULOCYTE-COLONY STIMULATING FACTOR	05/02/2014	CHENNAI
16	249424	M/s. TERUMO PENPOL LIMITED	PVC CONTAINERS FOR THE COLLECTION AND STORAGE OF BLOOD AND BLOOD COMPONENTS	13/02/2014	CHENNAI
17	252987	Shri. SUDHIR KODEBOYINA	A RAIL ROAD TRACK TESTING AND MONITORING DEVICE	13/03/2014	CHENNAI
18	224048	M/s. SHASUN PHARMACEUTICALS LTD.,	A PROCESS FOR PREPARING ANHYDROUS GABAPENTIN FORM II FROM GABAPENTIN ACID ADDITION SALT	14/03/2014	CHENNAI
19	254198	M/s. VAAKYA TECHNOLOGIES PRIVATE LIMITED	METHOD AND SYSTEM FOR RE-POPULATION OF DATA IN A DATABASE	19/03/2014	CHENNAI
20	241760	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	UTILITY OF THIONIN GENE POSSESSING SIGNIFICANT AGRO AND PHARMA PROPERTY USES THEREOF	24/03/2014	CHENNAI

21	241630	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	EMERGENCE OF GLUTAMATE DECARBOXYLASE UNDER ENVIRONMENTAL STRESS POSSESSING FUNCTIONAL AGRO/PHARMA PROPERTIES	24/03/2014	CHENNAI
22	243389	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	ARABINOGALACTAN PROTEIN GENES ISOLATED FROM RICE UNDER ENVIRONMENTAL STRESS POSSESSING AGRO/PHARMA PROPERTIES	24/03/2014	CHENNAI
23	243350	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	A PROCESS FOR ISOLATING ARABINOXYLAN ARABINOFURANOHYDROLA SES NUCLEOTIDE SEQUENCE FOR SALT STRESS AND USES THEREOF	24/03/2014	CHENNAI
24	254449	M/s. MERCK SHARP & DOHME CORP.	HETEROARYL PIPERIDINE GLYCINE TRANSPORTER INHIBITORS	03/04/2014	CHENNAI
25	240131	Shri. K. BALAKRISHNA	A ROTATING APPARATUS	20/06/2014	CHENNAI

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl. No	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appro priate Office
1.	2065/KOLNP/2006	247996	Conxpert holding GMBH	METHOD OF MONITORING DATA EXCHANGE BETWEEN APPLICATION SYSTEMS AND MONITORING SYSTEM THEREFOR	05/09/2014	Kolkata
2	259/KOL/2005	255656	ALVERIX, INC.	A RAPID DIAGNOSTIC TEST SYSTEM AND A PROCESS THEREFORE	08/08/2014.	Kolkata
3	170/KOLNP/2006	221094	DEGUSSA AG,	A PROCESS FOR REMOVING HALIDE COMPOUNDS ADHERING TO FINELY DIVIDED METAL OXIDE PARTICLES BY MEANS OF STEAM	15/08/ 2014.	kolkata
4.	586/CAL/2000	199363	PROF. ALOK BARUA	SEE-SAW BIOREACTOR	18/07/2014	kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	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)	Approp riate Office
1	263919	6201/DELNP/2007	01/02/2006	08/02/2005	A PHOSPHORAMIDITE ACTIVATOR	HONEYWELL INTERNATIONAL INC.	31/08/2007	DELHI
2	263925	4622/DELNP/2007	23/12/2004	23/12/2004	MICROBIOCIDAL CONTROL IN THE PROCESSING OF MEAT PRODUCING FOUR- LEGGED ANIMALS	ALBEMARLE CORPORATION,.	17/08/2007	DELHI
3	263944	1557/DEL/2007	25/07/2007 11:40:45		AN IMPROVED SPACING BAR USED FOR SOWING CROPS	VIRENDER SINGH	06/03/2009	DELHI
4	263947	5657/DELNP/2007	20/01/2006	21/01/2005	IMPROVED VACCINE AGAINST FELINE CALICIVIRUS	MERIAL LIMITED	24/08/2007	DELHI
5	263952	2178/DELNP/2008	18/09/2007	26/12/2006	WASTE HEAT POWER GENERATION SYSTEM OF CEMENT CALCINATION PLANT	KAWASAKI JUKOGYO KABUSHIKI KAISHA	08/08/2008	DELHI
6	263956	5141/DELNP/2009	25/01/2008	09/02/2007	POLYMERIZATION QUENCH METHOD AND SYSTEM	EXXONMOBIL CHEMICAL PATENTS INC.	19/03/2010	DELHI
7	263958	2289/DEL/2004	18/11/2004	21/11/2003	A LIVESTOCK STANCHION LATCHING MECHANISM	John DaSilveira	25/08/2006	DELHI
8	263964	2566/DELNP/2008	31/08/2006	31/08/2006	VANADIUM/TITANIA CATALYST COMPRISING NATURAL MANGANESE ORE REMOVING NITROGEN OXIDES AND DIOXIN IN WIDE OPERATING TEMPERATURE RANGE AND METHOD OF USING THE SAME	KOREA POWER ENGINEERING COMPANY, INC.	06/06/2008	DELHI
9	263965	2146/DELNP/2004	07/02/2003	14/02/2002	A METHOD AND EQUIPMENT FOR COMPACTING MATERIALS	NORSK HYDRO ASA	18/12/2009	DELHI
10	263966	5120/DELNP/2008	22/11/2006	21/12/2005	A PROCESS FOR THE CARBONYLATION OF AN ALCOHOL AND/OR REACTIVE DERIVATIVE THEREOF	BP CHEMICALS LIMITED	26/09/2008	DELHI

11	263967	3088/DELNP/2010	25/10/2007	25/10/2007	METALLOCENE COMPOUNDS, CATALYSTS COMPRISING THEM, PROCESS FOR PRODUCING AND OLEFIN POLYMER BY USE OF THE CATALYSTS, AND OLEFINE HOMO-AND COPOLYMERS	LUMMUS NOVOLEN TECHNOLOGY GMBH	15/10/2010	DELHI
12	263972	10560/DELNP/200 8	28/06/2007	28/07/2006	A MCM-22 FAMILY MOLECULAR SIEVE COMPOSITION, ITS METHOD OF MAKING, AND USE FOR HYDROCARBON CONVERSIONS	EXXONMOBIL CHEMICAL PATENTS INC	20/03/2009	DELHI
13	263979	2622/DEL/2006	31/01/2006		AN IMPROVED PROCESS FOR PREPARATION OF MAGNESIA (MgO) FROM CRUDE Mg (OH)2	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	22/07/2011	DELHI
14	263991	6162/DELNP/2008	16/01/2007	17/01/2006	A METHOD FOR PREPARATION OF SELECTIVE CATALYSTS FOR NAPHTHA HYDRODESULFURIZATI ON	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	24/10/2008	DELHI
15	263992	5891/DELNP/2007	27/01/2006	27/01/2005	PERSONAL CARE COMPOSITION CONTAINING HYDROPHOBICALLY MODIFIED POLYMERS	LUBRIZOL ADVANCED MATERIALS, INC.	17/08/2007	DELHI
16	263998	4713/DELNP/2008	08/12/2006	12/12/2005	NOVEL SOIL RELEASE AGENT	MILLIKEN & COMPANY	26/09/2008	DELHI
17	264000	1490/DELNP/2006	16/09/2004	23/09/2003	METHOD AND DEVICE FOR THE PRODUCTION OF A HYDRAULIC BINDING AGENT	POLYSIUS AG.	03/08/2007	DELHI
18	264001	2180/DELNP/2008	12/09/2006	13/09/2005	A PHOTOCURABLE COMPOSITION	3D SYSTEM INC	08/08/2008	DELHI
19	264002	3292/DELNP/2008	08/11/2006	17/11/2005	A PROCESS FOR THE CARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS	LUCITE INTERNATIONAL UK LIMITED	20/03/2009	DELHI
20	264003	10159/DELNP/200 7	12/07/2006	15/07/2005	BLOCK COPOLYMER OF THE AB OR ABA TYPE ,PROCESS FOR PREPARING THE SAME AND ITS IMPLANT	EVONIK ROHM GMBH	20/06/2008	DELHI
21	264005	1351/DEL/2007	22/06/2007		AN ECO-FRIENDLY PROCESS FOR MAKING EPSOM AND GYPSUM	MOHANLAL SUKHADIA UNIVERSITY,RAJASTH AN STATE MINES & MINERALS LIMITED	16/01/2009	DELHI

22	264006	448/DELNP/2009	31/07/2007	31/07/2006	LAMINATE COMPRISING ETHYLENE-BASED RESIN	MITSUI CHEMICALS, INC.,PRIME POLYMER CO.,LTD	20/08/2010	DELHI
23	264009	4190/DELNP/2004	05/07/2003	19/07/2002	APPLIANCE WITH A SMART CARD READER	THOMSON LICENSING S.A.	04/12/2009	DELHI
24	264010	645/DELNP/2007	20/07/2005	23/07/2004	FLEXIBLE ELECTROMAGNETIC ACOUSTIC TRANSDUCER SENSOR	ELECTRIC POWER RESEARCH INSTITUTE, INC	24/08/2007	DELHI
25	264016	8961/DELNP/2008	24/04/2007	25/04/2006	NOVEL GEM- DIFLUORINATED C- GLYCOSIDE COMPOUNDS DERIVED FROM PODOPHYLLOTOXIN, THEIR PREPARATION AND THEIR APPLICATIONS	INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE ROUEN (INSA)	20/03/2009	DELHI
26	264017	459/DELNP/2008	19/07/2006	19/07/2005	METHOD FOR PREPARING 4-AMINO-4'- DEMETHYL-4- DESOXYPODOPHYLLOT OXIN	PIERRE FABRE MEDICAMENT	15/08/2008	DELHI
27	264018	1899/DEL/2005	20/07/2005		NOVEL PHARMACEUTICAL MODIFIED RELEASE DOSAGE FORM COMPOSITION COMPRISING CYCLOOXYGENASE ENZYME INHIBITOR	PANACEA BIOTEC LIMITED	24/08/2007	DELHI
28	264024	1104/DELNP/2007	12/08/2005	12/08/2004	POLYMERIC MATERIALS HAVING REDUCED TACK, METHODS OF MAKING THE MATERIALS AND CHEWING GUM COMPOSITIONS CONTAINING SUCH MATERIALS	REVOLYMER LIMITED	27/04/2007	DELHI
29	264026	241/DELNP/2008	29/06/2006	06/07/2005	REACTIVE DISTILLATION WITH OLEFIN RECYCLE	BP CHEMICALS LIMITED	25/07/2008	DELHI
30	264027	8147/DELNP/2009	11/07/2008	09/11/2007	EXHAUST GAS DESULFURIZER	MITSUBISHI HEAVY INDUSTRIES LTD.	16/07/2010	DELHI
31	264029	8774/DELNP/2007	14/04/2006	15/04/2005	FORMULATIONS OF QUATERNARY AMMONIUM NEUROMUSCULAR BLOCKING AGENTS	LYOTROPIC THERAPEUTICS, INC.	14/12/2007	DELHI
32	264031	4301/DELNP/2007	17/11/2005	17/12/2004	PROCESS AND CATALYST FOR THE MANUFACTURE OF ACETIC ACID	BP CHEMICALS LIMITED	24/08/2007	DELHI

33	264032	7873/DELNP/2006	15/07/2005	22/07/2004	A COLOURED PARTICLE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
34	264033	7509/DELNP/2006	29/06/2005	29/06/2004	LAUNDRY DETERGENT COMPOSITIONS WITH HUEING DYE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
35	264034	4946/DELNP/2009	21/02/2008	23/02/2007	ORAL POLYPHOSPHATE COMPOSITIONS	THE PROCTER & GAMBLE COMPANY	23/04/2010	DELHI
36	264036	2472/DELNP/2007	20/09/2005	22/09/2004	LIGHT EMITTING DIODE STRUCTURES	LUXTALTEK CORPORATION	03/08/2007	DELHI
37	264037	4339/DELNP/2008	23/11/2006	25/11/2005	DOUBLE PAIR. OF OLIGONUCLEOTIDES FOR AMPLIFYING TWO TARGET SEQUENCES	BIOMERIEUX	15/08/2008	DELHI
38	264042	7375/DELNP/2006	21/06/2005	21/06/2004	ABSORBENT ARTICLE WITH LOTION- CONTAINING TOPSHEET	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI
39	264043	4686/DELNP/2008	01/12/2006	02/12/2005	ORAL CARE DEVICE	THE GILLETTE COMPANY	15/08/2008	DELHI
40	264044	5257/DELNP/2007	28/12/2005	07/01/2005	A METHOD FOR PRODUCING AN AMIDE COMPOUND	DIA-NITRIX CO., LTD	17/08/2007	DELHI
41	264045	1072/DEL/2006	27/04/2006	06/05/2005	APPARATUS FOR NASAL VENTILATION, PARTICULARLY FOR FLOW-SYNCHRONISED NEONATAL ASSISTED VENTILATION	GINEVRI S.R.L.	03/08/2007	DELHI
42	264046	2266/DELNP/2006	25/10/2004	31/10/2003	AN APPARATUS FOR DISPLACING SLIDE ELEMENTS IN AN APPARATUS FOR DISPLAYING CHARCTERS	JOSEF GRASMANN,	03/08/2007	DELHI
43	264047	574/DEL/2005	16/03/2005	06/04/2004	IMPROVEMENTS TO SLOT TYPE PLANAR ANTENNAS	THOMSON LICENSING S.A.	12/01/2007	DELHI
44	264048	6285/DELNP/2007	14/03/2006	29/03/2005	FILM FORMING EQUIPMENT	KANSAI PAINT CO., LTD.	31/08/2007	DELHI
45	264049	2257/DEL/2006	16/10/2006	20/10/2005	THE INTRODUCTION OF AN ACID IN A FISHCER- TROPSCH PROCESS	SASOL TECHNOLOGY (PTY) LIMITED	07/09/2007	DELHI
46	264050	3758/DELNP/2006	15/12/2004	06/01/2004	OUTSIDE UNIT FOR SATELLITE RECEPTION AND METHOD OF RECEPTION WITH SAID UNIT	THOMSON LICENSING	22/06/2007	DELHI
47	264051	4481/DELNP/2006	11/02/2005	11/02/2004	AMYLIN FAMILY PEPTIDES AND METHODS FOR MAKING AND USING THEM	AMYLIN PHARMACEUTICALS, LLC AND ASTRAZENECA PHARMACEUTICALS, LP	31/08/2007	DELHI

48	264052	7004/DELNP/2009	05/05/2008	23/05/2007	PROCESS FOR PRODUCING CUMENE	UOP LLC	18/06/2010	DELHI
49	264053	8202/DELNP/2007	24/03/2006	29/04/2005	A PROCESS FOR REDUCING THE CONTENT OF NOX EMISSIONS AND A LOW CO COMBUSTION COMPOSITION FOR REDUCING THE CONTENT OF NOX	W.R. GRACE & CO CONN.	23/11/2007	DELHI
50	264054	1923/DELNP/2007	08/09/2005	10/09/2004	A METHOD FOR A WTRU TO TRANSITION FROM A FIRST ACCESS POINT (AP) TO A SECOND ACCESS POINT, A WTRU AND AN ACCESS POINT THEREOF	INTERDIGITAL TECHNOLOGY CORPORATION	27/04/2007	DELHI
51	264055	1708/DELNP/2008	12/12/2006	31/03/2006	METHOD AND APPARATUS FOR DETERMINING THE LOCATION OF A MOBILE OBJECT	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG	27/06/2008	DELHI
52	264057	4480/DELNP/2007	13/12/2005	14/12/2004	A PROCESS FOR PREPARING PURIFIED 4- (2-METHYL-1- IMIDAZOLYL)-2,2- DIPHENYLBUTANAMID E	KYORIN PHARMACEUTICAL CO., LTD.	31/08/2007	DELHI
53	264059	2514/DEL/2006	22/11/2006	24/11/2005	METHOD FOR MELTING ASBESTOS WASTE	KINSEI SANGYO CO., LTD.	31/08/2007	DELHI
54	264061	2372/DELNP/2007	12/02/2004	12/02/2003	A DISPOSABLE ABSORBENT DIAPER	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI
55	264062	1437/DEL/2005	03/06/2005	12/06/2004	DOOR CLOSER	SAMUEL HEATH & SONS PLC.	24/08/2007	DELHI
56	264066	1645/DELNP/2007	09/09/2005	24/09/2004	HIGH DS CATIONIC POLYGALACTOMANNA N COMPOSITION FOR SKINCARE PRODUCTS	HERCULES INCORPORATED,	03/08/2007	DELHI
57	264075	125/DEL/2006	17/01/2006		A SUSTAINABLE LANDFILL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	17/08/2007	DELHI
58	264080	7862/DELNP/2007	21/04/2006	21/04/2005	A PYPROLOBENZODIAZEP INE DIMER	SPIROGEN SARL	09/11/2007	DELHI
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Ser ial Nu mb er	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)	Appropriat e Office
1	263917	892/MUM/2005	02/08/2005		A PROCESS FOR FOLDING OF RECOMBINANT INSULIN PRECURSOR	UNICHEM LABORATORIES LTD.	20/07/2007	MUMBAI
2	263931	1590/MUM/200 8	25/07/2008		AN ELECTRONIC EXPLOSIVE DETECTOR	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	29/01/2010	MUMBAI
3	263933	724/MUMNP/20 06	21/11/2004	21/11/2003	A BIOABSORBABLE CRANIOPLASTY IMPLANT FOR CRANIAL BONE TISSUE REGENERATION	OSTEOPORE INTERNATIONAL PTE.LTD	18/05/2007	MUMBAI
4	263934	2332/MUM/200 7	27/11/2007		IMPROVED STABILISER BAR OF TWIST BEAM STRUCTURE FOR REAR SUSPENSION	TATA MOTORS LIMITED	29/02/2008	MUMBAI
5	263935	2333/MUM/200 7	27/11/2007		SOLID END MOUNTING OF STABILISER BAR FOR TWIST BEAM TYPE REAR SUSPENSION	TATA MOTORS LIMITED	29/02/2008	MUMBAI
6	263936	1786/MUMNP/2 009	06/03/2008	26/03/2007	AERATED FOOD PRODUCTS BEING WARM CONTAINING SOLUBLE AND/OR INSOLUBLE SOLIDS AND METHODS FOR PRODUCING THEM	HINDUSTAN UNILEVER LIMITED	07/05/2010	MUMBAI
7	263938	2411/MUM/200 7	10/12/2007	20/12/2006	AERATED FOOD PRODUCTS AND METHODS FOR PRODUCING THEM	HINDUSTAN UNILEVER LIMITED	16/07/2010	MUMBAI
8	263940	1826/MUMNP/2 009	24/03/2008	22/03/2007	AN ANTIBODY CONSTRUCTS OF MONOCLONAL ANTIBODY 8H9	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	14/05/2010	MUMBAI
9	263951	1218/MUMNP/2 008	04/01/2007	04/01/2006	AN ELECTRONIC DEVICE FOR REDUCING POWER CONSUMPTION IN A WORDLINE LOGIC OF A MEMORY	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
10	263969	147/MUM/2004	10/02/2004	17/02/2003	AIR CLEANER OF MOTORCYCLE	HONDA MOTOR CO., LTD	27/10/2006	MUMBAI
11	263970	122/MUM/2004	04/02/2004	14/02/2003	SWINGING THREE WHEELED VEHICLE	HONDA MOTOR CO. LTD.	22/12/2006	MUMBAI
12	263971	153/MUM/2004	11/02/2004	28/02/2003	ENGINE EXHAUST RECYCLING APPARATUS	HONDA MOTOR CO. LTD	28/10/2005	MUMBAI

13	263993	2087/MUMNP/2 009	10/04/2008	10/04/2007	ADENOVIRAL VECTOR ENCODING MALARIA ANTIGEN	ISIS INNOVATION LIMITED,OKAIROS AG	18/06/2010	MUMBAI
14	263994	320/MUM/2008	13/02/2008		A PROCESS FOR PREPARATION OF MONTELUKAST SODIUM SALT	MELODY HEALTHCARE PRIVATE LIMITED	12/06/2009	MUMBAI
15	263997	2099/MUMNP/2 009	07/05/2008	09/05/2007	MODIFIED-IMMOBILIZED ENZYME OF HIGH TOLERANCE TO HYDROPHILIC SUBSTRATES IN ORGANIC MEDIA	TRANSBIODIESEL LTD.	18/06/2010	MUMBAI
16	264007	1567/MUMNP/2 008	26/01/2006	26/01/2006	WASTE TREATMENT FURNACE AND METHOD	DIGIMET 2013,S.L.	10/10/2008	MUMBAI
17	264008	1954/MUMNP/2 008	13/04/2007	13/04/2006	TYRE BUILDING MACHINE AND METHOD FOR BUILDING A TYRE	TEXMAG GMBH VERTRIEBSGESELLSCH AFT	16/01/2009	MUMBAI
18	264011	266/MUMNP/20 09	30/07/2007	10/08/2006	AIR OXIDATION HAIRCOLOR COMPOSITION	COMBE INCORPORATED	15/05/2009	MUMBAI
19	264056	842/MUMNP/20 08	27/10/2006	27/10/2005	METHOD AND APPARATUS FOR ESTIMATING REVERSE LINK LOADING IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
20	264082	1122/MUM/200 6	14/07/2006	20/07/2005	APPARATUS,METHOD AND SYSTEM FOR PROVIDING EVENT INFORMATION	Samsung Electronics Co.,Ltd.	19/06/2009	MUMBAI

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Seri al Nu mbe r	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)	Appropriate Office
1	263913	5577/CHENP/2007	03/05/2006	05/05/2005	PROCESS FOR CARBONYLATION OF ALKYL ETHERS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,BP CHEMICALS LIMITED	28/03/2008	CHENNAI
2	263920	926/CHE/2006	30/05/2006		A METHOD OF HANDLING SUPPLEMENTARY SERVICES IN AN IP MULTIMEDIA SUB- SYSTEM	SAMSUNG R& D INSTITUTE INDIA - BANGALORE Pvt. Ltd.	07/12/2007	CHENNAI
3	263926	2308/CHE/2008	22/09/2008 16:50:29	25/09/2007	CRANKSHAFT SUPPORTING STRUCTURE	HONDA MOTOR CO., LTD.	02/04/2010	CHENNAI
4	263927	185/CHE/2009	28/01/2009 16:14:31	19/05/2008	BRUSH APPARATUS	MITSUBISHI ELECTRIC CORPORATION	27/11/2009	CHENNAI
5	263929	2150/CHENP/2007	18/11/2005	18/11/2004	AN APPLICATION DEVICE FOR APPLYING A MICRONEEDLE DEVICE TO A SKIN SURFACE	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI
6	263941	6746/CHENP/2008	23/05/2007	09/06/2006	PROCESS FOR THE PRODUCTION OF HOLLOW BODIES OF THERMOPLASTIC MATERIAL BY EXTRUSION BLOW MOLDING	KAUTEX TEXTRON GMBH & CO. KG	27/03/2009	CHENNAI
7	263942	1165/CHENP/2009	23/08/2007	28/08/2006	HYDRAULIC ROTARY MACHINE	HITACHI CONSTRUCTION MACHINERY CO., LTD	29/05/2009	CHENNAI
8	263943	386/CHENP/2009	12/06/2007	22/06/2006	REEL MANDREL	SMS SIEMAG AKTIENGESELLSCHAFT	05/06/2009	CHENNAI
9	263953	5817/CHENP/2008	18/05/2007	18/05/2006	INTERLACE-BASED CONTROL CHANNEL BALANCING IN A WIRELESS COMMUNICATION NETWORK	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
10	263963	3085/CHENP/2006	28/02/2005	26/02/2004	VEHICLE SUPPLEMENTAL HEATING SYSTEM	VENTECH, LLC	08/06/2007	CHENNAI

11	263968	2357/CHE/2008	25/09/2008		A METHOD TO DETECT, WARN, TRACK, ALERT AND PREVENT HACKERS SIMULTANEOUSLY FROM WEBSITES INSTANTLY	D. SHANKARNARAYANA,L. RAVINDRANATH	02/04/2010	CHENNAI
12	263977	3745/CHENP/2007	26/01/2006	27/01/2005	11-DEOXY- PROSTAGLANDIN COMPOUND FOR TREATING A CENTRAL NERVOUS SYSTEM DISORDERS	SUCAMPO AG	23/11/2007	CHENNAI
13	263981	271/CHENP/2008	18/07/2006	18/07/2005	PROCESS FOR INCREASING SOLID CONTENT OF RAW SLURRY	CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	19/09/2008	CHENNAI
14	263987	3612/CHENP/2008	09/01/2007	10/01/2006	MOBILE COMMUNICATIONS METHOD AND SYSTEM FOR SIGNALLING INFORMATION RELATING TO NETWORK'S CAPABILITIES	SAMSUNG ELECTRONICS CO., LTD.	13/03/2009	CHENNAI
15	263989	284/CHE/2009	10/02/2009	13/02/2008	A METHOD OF TREATING A HYDROCARBON- BEARING SUBTERRANEAN FORMATION WITH COMPOSITIONS CONTAINING NITRATE BRINES	BAKER HUGHES INCORPORATED	11/09/2009	CHENNAI
16	263990	4807/CHENP/2008	13/04/2007	14/04/2006	A METHOD FOR REGISTERING A WIRELESS TERMINAL WITH A HOME AGENT AND A BASE STATION THEREOF	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
17	263996	5720/CHENP/2007	11/05/2006	12/05/2005	METHOD FOR THE PRODUCTION OF AT LEAST ONE FINAL PRODUCT BY PARTIAL OXIDATION AND/OR AMMOXIDATION OF PROPYLENE	BASF AKTIENGESELLSCHAFT	28/03/2008	CHENNAI
18	264025	6888/CHENP/2008	25/04/2007	16/05/2006	A METHOD OF FABRICATING A SEMICONDUCTOR AND A SEMICONDUCTOR STRUCTURE	INTERNATIONAL BUSINESS MACHINE CORPORATION	27/03/2009	CHENNAI

19	264028	134/CHE/2006	27/01/2006	27/01/2005	PORTABLE REFRACTOMETER	ATAGO CO.,LTD	12/09/2008	CHENNAI
20	264030	2768/CHENP/2004	10/03/2004	19/03/2003	A LOAD CHANGEOVER SWITCH FOR A TAP CHANGER	MASCHINENFABRIK REINHAUSEN GMBH	10/02/2006	CHENNAI
21	264035	5472/CHENP/2007	29/05/2006	31/05/2005	PROCESS FOR THE PREPARATION OF 3- HYDROXYADAMANT ANEGLYOXYLIC ACID	CABB FINLAND OY	28/03/2008	CHENNAI
22	264038	4024/CHENP/2007	15/03/2006	17/03/2005	RHEOLOGY MODIFICATION OF INTERPOLYMERS OF ETHYLENE/ALPHA- OLEFINS AND ARTICLES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
23	264041	4473/CHENP/2007	10/03/2006	10/03/2005	PROCESS FOR THE PREPARATION OF A PACKAGE CONTAINING COMPACTED COMPOSITION AND THE PACKAGE OBTAINED WITH THIS PROCESS	RECKITT BENCKISER N.V	25/01/2008	CHENNAI
24	264060	6099/CHENP/2008	05/04/2007	10/04/2006	POLAR PLATE FOR A FUEL CELL STACK	STAXERA GMBH	03/04/2009	CHENNAI
25	264063	1381/CHE/2006	03/08/2006	04/08/2005	MULTIFUNCTIONAL ADDITIVE FOR MAXIMIZING PROPERTIES RELEVANT TO THE PROCESS OF FLUID CATALYTIC CRACKING AND THE PROCESS FOR PREPARATION THEREOF	PETROLEO BRASILEIRO S.APETROBRAS	07/09/2007	CHENNAI
26	264064	2141/CHENP/2007	18/11/2005	18/11/2004	MASKING METHOD FOR COATING A MICRONEEDLE ARRAY	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI
27	264065	3201/CHENP/2007	23/12/2005	23/12/2004	CONTAINER WITH CONCERTINA SIDE WALLS AND BASE	TARVIS TECHNOLOGY LIMITED	16/11/2007	CHENNAI
28	264067	1384/CHE/2005	29/09/2005	30/09/2004	A METHOD FOR SELECTING INTERNET ROUTING PATHS	LUCENT TECHNOLOGIES INC.	14/09/2007	CHENNAI
29	264073	4804/CHENP/2008	28/04/2006	28/04/2006	UNINTERRUPTED TRANSMISSION DURING A CHANGE IN CIPHERING CONFIGURATION	QUALCOMM INCORPORATED	13/03/2009	CHENNAI

30	264081	3073/CHENP/2008	22/12/2006	23/12/2005	METHOD AND APPARATUS FOR CHANNEL QUALITY INDICATOR REPORT	SAMSUNG ELECTRONICS CO., LTD.,BEIJING SAMSUNG TELECOM R & D CENTER	06/03/2009	CHENNAI
31	264085	2239/CHENP/2007	21/11/2005	24/11/2004	RECORDING AND PLAYBACK OF VIDEO CLIPS BASED ON AUDIO SELECTIONS	KONINKLIJKE PHILIPS ELECTRONICS N. V.	07/09/2007	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	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	263916	582/KOL/2008	24/03/2008	02/04/2007	EIGHT SPEED AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
2	263918	806/KOLNP/20 07	17/08/2005	02/09/2004	SOCK	X-TECHNOLOGY SWISS GMBH	03/04/2009	KOLKATA
3	263921	349/KOL/2008	26/02/2008	29/03/2007	METHOD FOR CONTROLLING OPERATION OF A HYBRID POWERTRAIN	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
4	263922	1431/KOLNP/2 009	15/10/2007	19/10/2006	A NOx REDUCTION CATALYST	UMICORE AG & CO. KG	29/05/2009	KOLKATA
5	263923	2425/KOLNP/2 008	28/06/2006	28/06/2006	POLYCONDENSATION CATALYST FOR POLYESTER PRODUCTION AND PRODUCTION OF POLYESTER	SAKAI CHEMICAL INDUSTRY CO. LTD.	30/01/2009	KOLKATA
6	263924	242/KOL/2006	22/03/2006		AN ELECTROLESS NICKEL COATING COMPOSITION	TATA STEEL LIMITED	19/06/2009	KOLKATA
7	263928	627/KOL/2007	23/04/2007	25/10/2006	MOBILE COMMUNICATION DEVICE	LG ELECTRONICS INC.	16/05/2008	KOLKATA
8	263930	938/KOL/2006	18/09/2006	19/09/2005	METHOD AND APPARATUS FOR RECONSTRUCTING A THREE-DIMENSIONAL IMAGE VOLUME FROM- TWO-DIMENSIONAL PROJECTION IMAGES	SIEMENS AKTIENGESELLSCHAFT	29/06/2007	KOLKATA
9	263932	4715/KOLNP/2 007	13/05/2005	13/05/2005	A SYSTEM FOR A FAST FREQUENCY HOPPING RADIO	TELEFONAKTIEBOLAGET LM ERICSSON (publ)	04/04/2008	KOLKATA
10	263937	4920/KOLNP/2 007	04/07/2006	08/07/2005	AN AUTOMATIC METHOD OF PREPARING SAMPLES OF TOTAL BLOOD FOR ANALYSIS, AND AN AUTOMATIC DEVICE FOR IMPLEMENTING THE METHOD	HORIBA ABX SAS	01/08/2008	KOLKATA

11	263939	1828/KOLNP/2 007	18/11/2005	19/11/2004	BIPOLAR PLATE FOR ELECTROLYSER COMPRISING A SINGLE WALL	UHDENORA S.P.A.	10/04/2009	KOLKATA
12	263945	1489/KOLNP/2 008	06/10/2006	07/10/2005	HOLDING MEMBER FOR HOLDING A PLURALITY OF CIRCUIT BOARDS AND MODULE UTILIZING THIS HOLDING MEMBER	TOYOTA JIDOSHA KABUSHIKI KAISHA,TYCO ELECTRONICS AMP K.K.	02/01/2009	KOLKATA
13	263946	2520/KOLNP/2 007	06/12/2007	06/12/2007	METHOD AND APPARATUS FOR OPTIMISING THE SENDING OF TONES/ANNOUNCEMEN TS DURING TANDEM- FREE OPERATION (TFO)	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	19/06/2009	KOLKATA
14	263948	3719/KOLNP/2 007	01/03/2006	08/04/2005	METHOD FOR ALIGNMENT OF ANALOG AND DIGITAL AUDIO IN A HYBRID RADIO WAVEFORM	IBIQUITY DIGITAL CORPORATION	30/05/2008	KOLKATA
15	263949	2208/KOLNP/2 009	30/11/2007	01/12/2006	PROCESS FOR CONVERSION OF BIOMASS TO FUEL	NORTH CAROLINA STATE UNIVERSITY	03/07/2009	KOLKATA
16	263950	1434/KOLNP/2 007	28/09/2004	28/09/2004	OPERATING AND SUPPORTING DUAL MODE USER EQUIPMENT	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	20/07/2007	KOLKATA
17	263954	1642/KOLNP/2 009	05/10/2007	01/12/2006	PROCESS FOR PREPARATION OF ALKOXYSILANES	PROCHIMIE INTERNATIONAL,LLC	12/06/2009	KOLKATA
18	263955	1380/KOL/200 8	18/08/2008	17/08/2007	A FUEL CONTROL SYSTEM OF AN ENGINE AND METHOD THEREFOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
19	263957	2918/KOLNP/20 07	12/01/2006	13/01/2005	SYSTEM AND METHOD FOR CALL HANDOFF BETWEEN CIRCUIT SWITCHED AND PACKET SWITCHED DATA WIRELESS NETWORKS	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	14/09/2007	KOLKATA
20	263959	2502/KOLNP/2 008	15/12/2006	16/12/2005	A COMPOSITION COMPRISING PARTICLES COMPRISING ONE OR MORE OXALATE DEGRADING ENZYMES	OXTHERA, INC.	23/01/2009	KOLKATA
21	263960	2206/KOLNP/2 009	05/02/2008	14/02/2007	DATA TRANSMITTING AND RECEIVING METHOD USING PHASE SHIFT BASED PRECODING AND TRANSCEIVER SUPPORTING THE SAME	LG ELECTRONICS INC.	03/07/2009	KOLKATA

22	263961	5024/KOLNP/2 008	25/05/2007	22/06/2006	METHOD FOR TRANSMITTING DATA	SIEMENS AKTIENGESELLSCHAFT	27/03/2009	KOLKATA
23	263962	2557/KOLNP/2 007	04/01/2006	04/01/2005	SYSTEMS, METHODS, SOFTWARE, AND INTERFACES FOR MULTILINGUAL INFORMATION RETRIEVAL	THOMSON GLOBAL RESOURCES	24/08/2007	KOLKATA
24	263973	638/KOLNP/20 09	17/08/2007	18/08/2006	METHOD AND APPARATUS FOR REPORTING RECEPTION RATIO OF STREAMING SERVICE BY TERMINAL IN A MOBILE BROADCASTING SYSTEM, AND SYSTEM THEREOF	SAMSUNG ELECTRONICS CO. LTD.	15/05/2009	KOLKATA
25	263974	3972/KOLNP/2 009	15/04/2008	16/04/2007	NOVEL VANILLOID RECEPTOR LIGANDS AND THE USE THEREOF FOR THE PRODUCTION OF PHARMACEUTICALS	GRNENTHAL GMBH	19/03/2010	KOLKATA
26	263975	1533/KOLNP/2 006	05/11/2004	10/11/2003	METHOD AND RINGBACK TONE GENERATOR SYSTEM FOR PROVIDING CUSTOMIZED RING- BACK TONE	NMS COMMUNICATIONS	04/05/2007	KOLKATA
27	263976	2619/KOLNP/2 007	12/01/2006	12/01/2005	METHOD OF DELETING FIRST CONTENT UNIT FROM STORAGE SYSTEM AND STORAGE SYSTEM THAT STORES FIRST CONTENT UNIT	EMC CORPORATION	31/08/2007	KOLKATA
28	263978	1127/KOL/200 7	14/08/2007 16:00:41	07/08/2006	CARBON BLACK, METHOD OF PRODUCING CARBON BLACK AND DEVICE FOR IMPLEMENTING THE METHOD	EVONIK CARBON BLACK GMBH	22/02/2008	KOLKATA
29	263980	3623/KOLNP/2 008	02/04/2007	03/04/2006	PROCESSES FOR THE PREPARATION OF 8- CHLORO-1-METHYL- 2,3,4,5-TETRAHYDRO- 1H-3-BENZAZEPINE AND INTERMEDIATES RELATED THERETO	ARENA PHARMACEUTICALS, INC.	20/02/2009	KOLKATA
30	263982	35/KOLNP/200 8	07/07/2006	08/07/2005	PROCESS FOR PRODUCING UNSATURATED ALDEHYDES AND ACIDS BY FIXED-BED CATALYTIC PARTIAL OXIDATION AND REACTOR THEREFOR	LG CHEM, LTD.	08/08/2008	KOLKATA

31	263983	2815/KOLNP/2 006	22/06/2004	08/03/2004	APPARATUS FOR CONTROLLING BATTERIES	ELECTROVAYA INC	01/06/2007	KOLKATA
32	263984	1993/KOLNP/2 009	05/10/2007	01/11/2006	PARTICLE-CONTAINING ETCHING PASTES FOR SILICON SURFACES AND LAYERS	MERCK PATENT GMBH	19/06/2009	KOLKATA
33	263985	200/KOLNP/20 07	20/07/2005	04/08/2004	ELECTROCHEMICAL SYSTEM THAT INCLUDES AT LEAST ONE PARTIAL MARGINATION ZONE	SAINT-GOBAIN GLASS FRANCE	29/06/2007	KOLKATA
34	263986	1324/KOLNP/2 007	25/11/2005	26/11/2004	ANTENNA CONTROL SYSTEM	POWERWAVE TECHNOLOGIES SWEDEN AB	20/07/2007	KOLKATA
35	263988	357/KOLNP/20 10	12/09/2008	14/09/2007	RECORDING INK, INK MEDIA SET, AND INK CARTRIDGE	RICOH COMPANY, LTD.	07/05/2010	KOLKATA
36	263995	1256/KOLNP/2 007	27/09/2005	25/10/2004	HOUSING	MOELLER GEBAUDEAUTOMATION GMBH	20/07/2007	KOLKATA
37	263999	2516/KOLNP/2 006	07/07/2005	09/07/2004	BATTERY HAVING A/S (AFTER SERVICE) LABEL AND METHOD FOR MANUFACTURING THE SAME	LG CHEM, LTD.	01/06/2007	KOLKATA
38	264004	62/KOLNP/200 9	17/07/2007	18/07/2006	AMINOINDANE DERIVATIVE OR SALT THEREOF	ASTELLAS PHARMA INC.	03/04/2009	KOLKATA
39	264012	3053/KOLNP/2 008	04/01/2007	05/01/2006	A METHOD FOR RETRANSMITTING PROTOCOL DATA UNIT (PDU) IN A MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	06/02/2009	KOLKATA
40	264013	3693/KOLNP/2 007	29/03/2006	31/03/2005	METHODS OF INSPECTING OPHTHALMIC LENSES	JOHNSON & JOHNSON VISION CARE, INC.	31/10/2008	KOLKATA
41	264014	1053/KOL/200 8	17/06/2008 11:50:57	26/06/2007	LOW ELECTRICAL RESISTANCE BIPOLAR PLATE-DIFFUSION MEDIA ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
42	264015	1634/KOLNP/2 009	24/10/2007	30/10/2006	METHOD FOR DESIGNING MULTIFOCAL CONTACT LENSES	JOHNSON & JOHNSON VISION CARE, INC.	29/05/2009	KOLKATA
43	264019	1429/KOL/200 8	22/08/2008	13/09/2007	METHOD TO MONITOR A SENSING SYSTEM ADAPTED TO MONITOR AN OUTPUT OF AN ELECTROMECHANICAL TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
44	264020	495/KOLNP/20 08	06/06/2006	29/07/2005	FLUIDIC OSCILLATION FLOW METER	MOTOROLA, INC.	17/10/2008	KOLKATA

45	264021	2895/KOLNP/2 007	04/10/2005	22/02/2005	A MULTI-CHANNEL ENCODER AND DECODER WITH METHOD OF ENCODING AND DECODING MULTI- CHANNEL SIGNAL	FRAUNHOFER- GESELLSCHAFT ZUR F– RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	07/09/2007	KOLKATA
46	264022	4332/KOLNP/2 007	05/05/2006	13/05/2005	ELECTRONIC COMPONENT AND METHOD FOR FIXING THE SAME	WURTH ELEKTRONIK IBE GMBH	25/01/2008	KOLKATA
47	264023	1819/KOL/200 8	24/10/2008	27/10/2007	METHOD TO MONITOR SIGNAL INTEGRITY IN A DISTRIBUTED CONTROL SYSTEM OPERATIVE TO CONTROL A HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS LLC,DAIMLER AG,CHRYSLER LLC,BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	08/05/2009	KOLKATA
48	264039	4012/KOLNP/2 007	23/05/2006	23/05/2005	TASTE POTENTIATOR COMPOSITIONS AND EDIBLE CONFECTIONERY AND CHEWING GUM PRODUCTS CONTAINING SAME	INTERCONTINENTAL GREAT BRANDS LLC	04/04/2008	KOLKATA
49	264040	2718/KOLNP/2 006	14/03/2005	15/03/2004	COMBINATION VACCINES WITH LOW DOSE OF HIB CONJUGATE.	NOVARTIS VACCINES AND DIAGNOSTICS, S.R.L.	01/06/2007	KOLKATA
50	264058	4196/KOLNP/2 007	02/05/2006	02/05/2005	A RECOMBINANT NEUROTROPIC VIRAL VECTOR BEING AN ADENOASSOCIATED VIRAL VECTOR (AAV VECTOR)	GENZYME CORPORATION	15/02/2008	KOLKATA
51	264068	2334/KOLNP/2 007	21/11/2005	30/11/2004	STRIP PRODUCT FORMING A SURFACE COATING OF PEROVSKITE OR SPINEL FOR ELECTRICAL CONTACTS	SANDVIK INTELLECTUAL PROPERTY AB	17/08/2007	KOLKATA
52	264069	677/CAL/1995	14/06/1995	16/06/1994	AN INSULIN ANALOG- PROTAMINE COMPLEX AND PARENTERAL PHARMACEUTICAL FORMULATION	ELI LILLY AND COMPANY	14/10/2005	KOLKATA
53	264070	4314/KOLNP/2 008	23/03/2007	24/03/2006	2-AMINOPYRIDINE ANALOGS AS GLUCOKINASE ACTIVATORS	ARRAY BIOPHARMA INC.	06/03/2009	KOLKATA
54	264071	637/KOL/2006	27/06/2006	13/01/2006	SEMI-SUBMERSIBLE FLOATING OFFSHORE STRUCTURE AND METHOD FOR ATTACHING OFFSHORE EQUIPMNET TOGETHER	J. RAY MCDERMOTT, S.A.	20/07/2007	KOLKATA

55	264072	325/KOLNP/20 07	24/06/2005	16/07/2004	" A CLAMP APPARATUS FOR SELECTIVELY PREVENTING FLUID FLOW THROUGH A RESILIENT TUBE "	CARDINAL HEALTH 303, INC.	06/07/2007	KOLKATA
56	264074	1332/KOL/200 6	11/12/2006	13/02/2006	PARK INHIBIT ASSEMBLY FOR AN ELECTRIC TRANSMISSION RANGE SELECTION SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	24/08/2007	KOLKATA
57	264076	1492/KOLNP/2 004	07/05/2003	09/05/2002	A FLUID DISPENSING DEVICE	GLAXO GROUP LIMITED	16/06/2006	KOLKATA
58	264077	3526/KOLNP/2 006	26/05/2005	02/06/2004	A DEVICE FOR HANDLING LIQUID SAMPLES	AMIC AB	15/06/2007	KOLKATA
59	264078	1069/KOL/200 8	19/06/2008	26/07/2007	A FLAT RIBBON HEALD AND AN ECONOMICAL METHOD FOR MANUFACTURING THE SAME	GROZ-BECKERT KG	24/04/2009	KOLKATA
60	264079	392/KOLNP/20 08	03/08/2006	03/08/2005	COMPOSITIONS AND METHODS FOR PRODUCTION OF IMMUNOGLOBULINS	IBIO, INC.	17/04/2009	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART-2

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 MR. SAIFUDDIN DANISH registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
237804 237805	28-01	MR. HARSHIT DHING AN INDIAN NATIONAL TRADING AS M/S. ASKON HEALTH CARE, 11/B, INDUSTRIAL AREA, MAXI ROAD, UJJAIN, MADHYA PRADESH

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs passed an order on 2/12/2014 to cancel the registration of registered Design No. 197898 dated 15/12/2004 under Class 09-01 for the article 'Bottle' in the name of Jayantilal Surajmal Ranawat, residing at 806/C, Wing Sumer Castle, Castle Mill Compound, LBS Marg, Maa Meena Tai Thakre Chowk, Thane (West) 400601, Maharashtra, India, an Indian national."

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	195822	22.10.2014
2.	196222	30.10.2014
3.	196660	04.09.2014
4.	197327	04.09.2014
5.	197631	15.09.2014
6.	197693	04.09.2014
7.	198000	22.10.2014
8.	198001	22.10.2014
9.	198084	22.10.2014
10.	198085	22.10.2014
11.	198153	10.09.2014
12.	198202	22.10.2014
13.	199022	27.10.2014
14.	199023	27.10.2014
15.	215169	15.09.2014
16.	215330	15.09.2014
17.	215442	15.09.2014
18.	216066	16.09.2014
19.	216277	15.09.2014
20.	217001	10.09.2014

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	260228	
CLASS	ASS 03-01	
1)ROYALTY BUGABOO GMBH O SCHMIDGASSE 3, CH-6300 ZUG,	F A .	
DATE OF REGISTRATION 07/02/2014		H = H
TITLE	SUITCASE	
PRIORITY NA		
DESIGN NUMBER	260322	
CLASS	08-08	
KISHORBHAI DEPANI., ALL INDIA CREATION., AN INDIAN PARTNER PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIMA 360004. GUJARAT-INDIA		
DATE OF REGISTRATION 14/02/2014		
TITLE CURTAIN BRACKET		
PRIORITY NA		
DESIGN NUMBER	258105	
CLASS	07-01	
1) RAJESH BHAT, A CITIZEN OF B-603, YASHWANT, G.V. SCHEM 400081, INDIA		
DATE OF REGISTRATION 12/11/2013		
TITLE PRESERVE JAR		
PRIORITY NA		

<u>г</u>	I. I.	
DESIGN NUMBER	260886	
CLASS	06-07	Artice -
1)MA DESIGN INDIA PRIVATE I IN INDIA HAVING ITS PRINCIPA A-41, SECTOR-80, PHASE-II, NO	L IMITED, A COMPANY INCORPORATED L PLACE OF BUSINESS AT IDA-201305, U.P. INDIA	A REAL PROPERTY
DATE OF REGISTRATION	10/03/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		
DESIGN NUMBER	259170	
CLASS	13-03	
1)ELMEX CONTROLS PVT. LTD INDIAN COMPANIES ACT, AT, 12, G.I.D.C. ESTATE, MAKARPU INDIA.	, A COMPANY INCORPORATED UNDER THE RA ROAD, VADODARA-390 010, GUJARAT,	
DATE OF REGISTRATION	01/01/2014	
TITLE	SOLAR CONNECTOR	
PRIORITY NA		
DESIGN NUMBER	260324	
CLASS	08-08	and the particular states in the
1)(1). BANKIMBHAI VELJIBHAI PARIKH (3) VINESHBHAI RATILA KISHORBHAI DEPANI., ALL INDI CREATION., AN INDIAN PARTNE PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIM 360004. GUJARAT-INDIA	MANVAR, (2) ALPESHBHAI HASMUKHBHAI AL DADHANIYA (4). MITKUMAR AN NATIONAL PARTNERS OF M/S. BARRY RSHIP FIRM., HAVING ITS PRINCIPLE AL SCHOOL, KALAWAD ROAD, RAJKOT-	
DATE OF REGISTRATION	14/02/2014	
TITLE	CURTAIN BRACKET	
PRIORITY NA		

DESIGN NUMBER		260373	
CLASS		06-01	
1)R. P. AUTOSTYLES A PROPRIE F-20, 21, 63 & 64 UPSIDC, SELAQ (INDIA)	TORSHIP FIRM WH UI, DEHRADUN, UT	IO HAS HIS ADDRESS A FARAKHAND-248197	s
DATE OF REGISTRATION	17	7/02/2014	
TITLE	SEAT COVE	ER FOR VEHICLES	
PRIORITY NA			
DESIGN NUMBER		258458	
CLASS		04-02	
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	LAND, GREAT BRI FORD, MIDDLESEX	TAIN OF THE ADDRESS TW8 9GS, UNITED	5
DATE OF REGISTRATION	28	8/11/2013	E.
TITLE	TOC	OTHBRUSH	10
PRIORITY			(bad
PRIORITY NUMBER	DATE	COUNTRY	
GB 4030161	31/05/2013	U.K.	
		050105	
DESIGN NUMBER		258107	
CLASS	'LASS 07-01		
1)RAJESH BHAT, A CITIZEN OF B-603, YASHWANT, G.V. SCHEM 400081, INDIA	I NDIA, E, ROAD NO. 2, MUI	LUND EAST, MUMBAI-	C-
DATE OF REGISTRATION	12	2/11/2013	
TITLE	PRE	SERVE JAR	
PRIORITY NA			

DESIGN NUMBER	260779	
CLASS	08-06	
1)ABDUL BASIT KHAN AN INDIA INTERNATIONAL, TURKMAN GATE, BYEPASS RO. INDIA	AN NATIONAL, TRADING AS M/S. MALIK AD, SUPER COLONY, ALIGARH-202001 (U.P.)	<u> </u>
DATE OF REGISTRATION	04/03/2014	-
TITLE	LATCH	
PRIORITY NA		
DESIGN NUMBER	260892	
CLASS	12-09	
I) TRACTORS AND FARM EQUIP INCORPORATED UNDER THE CO REGISTERED OFFICE AT NO. 861, ANNASALAI, CHENNAL	MENT LIMITED, COMPANY MPANIES ACT, 1956, HAVING ITS 1-600002, TAMIL NADU, INDIA	Res
DATE OF REGISTRATION	10/03/2014	
TITLE	TRACTOR	
PRIORITY NA		
DESIGN NUMBER	259167	
CLASS	10-04	
1)LARSEN & TOUBRO LIMITED UNDER THE COMPANIES ACT, 19 L & T HOUSE, BALLARD ESTAT MAHARASHTRA, INDIA	, AN INDIAN COMPANY INCORPORATED 56 OF E, MUMBAI 400 001, STATE OF	
DATE OF REGISTRATION	31/12/2013	
TITLE	ENCLOSURE FOR ELECTRICITY	
PRIORITY NA		

DESIGN NUMBER	2	260323	
CLASS		08-08	
1)(1). BANKIMBHAI VELJIBHAI I PARIKH (3) VINESHBHAI RATILA KISHORBHAI DEPANI., ALL INDIA CREATION., AN INDIAN PARTNEI PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIMA 360004. GUJARAT-INDIA	MANVAR, (2) ALPES L DADHANIYA (4). M AN NATIONAL PART RSHIP FIRM., HAVIN AL SCHOOL, KALAWA	HBHAI HASMUKHBHAI IITKUMAR NERS OF M/S. BARRY G ITS PRINCIPLE AD ROAD, RAJKOT-	
DATE OF REGISTRATION	14	/02/2014	
TITLE	CURTA	IN BRACKET	
PRIORITY NA			
DESIGN NUMBER	2	262395	
CLASS		09-01	0
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	06/05/2014		
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002430017-0002	21/03/2014	OHIM	
DESIGN NUMBER	2	258457	
CLASS		04-02	
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	SLAND, GREAT BRIT FFORD, MIDDLESEX 7	T AIN OF THE ADDRESS TW8 9GS, UNITED	
DATE OF REGISTRATION	28/	/11/2013	題
TITLE	TOOTHBRUSH		10
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		n.n.+
GB 4030160	31/05/2013	U.K.	
1			

DESIGN NUMBER	261543	
CLASS	09-01	
1)PURI OIL MILLS LIMI CENTRE-8, JANAKPURI, N (AN INDIAN COMPANY 1956)	FED, 302, JYOTI SHIKHAR BUILDING IEW DELHI, INDIA. DULY REGISTERED UNDER THE COM	G, DISTRICT MPANIES ACT,
DATE OF REGISTRATION	04/04/2014	CONTRACTOR OF
TITLE	BOTTLE	Approximation of the
PRIORITY NA		
DESIGN NUMBER	258106	
CLASS	07-01	
1) RAJESH BHAT, A CITIZ B-603, YASHWANT, G.V 400081, INDIA	ZEN OF INDIA, . SCHEME, ROAD NO. 2, MULUND EAS	ST, MUMBAI-
DATE OF REGISTRATION	12/11/2013	
TITLE	PRESERVE JAH	R
PRIORITY NA		
DESIGN NUMBER	260778	
CLASS	08-06	
1)ABDUL BASIT KHAN A M/S. MALIK INTERNATIO TURKMAN GATE, BYEP ALIGARH-202001 (U.P.) IND	N INDIAN NATIONAL, TRADING AS NAL, PASS ROAD, SUPER COLONY, DIA	0
DATE OF REGISTRATION	04/03/2014	Contraction of the local division of the loc
TITLE	LATCH	
PRIORITY NA		

DESIGN NUMBER	2	.59399	
CLASS	,	25-02	
1)MASONITE CORPORATION, ONE TAMPA CITY CENTER, 201 FLORIDA 33602, CORPORATION OF			
DATE OF REGISTRATION	15/	/01/2014	
TITLE	DOOI	R FACING	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/460778	15/07/2013	U.S.A.	
DESIGN NUMBER	2	59171	
CLASS		13-03	
1)ELMEX CONTROLS PVT. LTD. INDIAN COMPANIES ACT, AT, 12, G.I.D.C. ESTATE, MAKARPUI INDIA.			
DATE OF REGISTRATION	01/	/01/2014	
TITLE	SOLAR BRANCH CONNECTOR		
PRIORITY NA			T
DESIGN NUMBER	2	.59031	
CLASS		12-15	
1)COMPAGNIE GENERALE DES A FRENCH COMPANY OF 12 CO FERRAND, FRANCE, AND MICHELI COMPANY OF TOUTE LOUIS-BRAI SWITZERLAND			
DATE OF REGISTRATION	27/12/2013		
TITLE	TIRE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002281592-0001	26/07/2013	OHIM	

DESIGN NUMBER	262072	
CLASS		
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UNDI ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A' KANJURMARG (WEST), OPP. HUMA INDIA.		
DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	260325	
CLASS	08-08	
KISHORBHAI DEPANI., ALL INDIA CREATION., AN INDIAN PARTNER PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIMA 360004. GUJARAT-INDIA		
DATE OF REGISTRATION	14/02/2014	
	CURTAIN BRACKET	Carlos and the second s
PRIORITY NA		
DESIGN NUMBER	260374	
CLASS	06-01	
1) R. P. AUTOSTYLES A PROPRIE F-20, 21, 63 & 64 UPSIDC, SELAQU (INDIA)		
DATE OF REGISTRATION	17/02/2014	
TITLE	11555	
PRIORITY NA		F

DESIGN NUMBER		258459	
CLASS		04-02	
1)GLAXO GROUP LIMITED, EN 980 GREAT WEST ROAD, BREN KINGDOM	GLAND, GREAT BRI TFORD, MIDDLESEX	TAIN OF THE ADDRES TW8 9GS, UNITED	5
DATE OF REGISTRATION	2	8/11/2013	- Di
TITLE	TOO	OTHBRUSH	6
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
GB 4030162	31/05/2013	U.K.	
DESIGN NUMBER		261555	Based a second second
CLASS		07-02	
UNDER THE INDIAN COMPANY'S AT. & PO. VASNA, TAL: BORSA DATE OF REGISTRATION TITLE	S ACT, ADDRESS AT D 388540, DIST. ANA 0'	ND, GUJARAT, INDIA 7/04/2014 STOVE	
			1
DESIGN NUMBER		258108	
CLASS		07-01	
1) RAJESH BHAT, A CITIZEN OF B-603, YASHWANT, G.V. SCHEN 400081, INDIA	INDIA, ME, ROAD NO. 2, MUI	LUND EAST, MUMBAI-	
DATE OF REGISTRATION	12	2/11/2013	
TITLE	PRE	SERVE JAR	
PRIORITY NA			

DESIGN NUMBER	2	60686	
CLASS	13-03		
1)ANDREW LLC, OF 1100 COMMSCOPE PLACE, S UNITED STATES OF AMERICA, NA	E HICKORY, NORTH TIONALITY: USA	H CAROLINA 28602;	
DATE OF REGISTRATION	28/	02/2014	
TITLE	ELECTRICAL INTE	ERCONNECTION SEAL	
PDIODITY			
PRIORITY NUMBER	DATE COUNTRY		
29473103	19/11/2013	U.S.A.	
			\bigcirc
DESIGN NUMBER		260311	
CLASS		15-02	
1)GEMA SWITZERLAND GMBH, UNDER THE LAWS OF SWITZERI MOVENSTRASSE 17, 9015 ST. GA	A COMPANY ORG AND, HAVING ITS ALLEN, SWITZERLA	ANIZED AND EXISTIN OFFICE AT AND	3
DATE OF REGISTRATION	1	3/02/2014	
TITLE	POW	VDER PUMPS	
PRIORITY PRIORITY NUMBER 001382501	DATE 27/08/2013	COUNTRY OHIM	
DESIGN NUMBER		262393	
CLASS	09-01		\bigcirc
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	06/05/2014		
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002342881-0001	11/11/2013	OHIM	
		·	VII)

DESIGN NUMBER	258455		
CLASS		04-02	A
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	GLAND, GREAT BRI FFORD, MIDDLESEX	FAIN OF THE ADDRESS TW8 9GS, UNITED	
DATE OF REGISTRATION	28	8/11/2013	
TITLE	TOC	THBRUSH	0
PRIORITY			2
PRIORITY NUMBER	DATE	COUNTRY	69
GB 4030159	31/05/2013	U.K.	23
		250104	
DESIGN NUMBER		258104	-
CLASS		07-01	State and State State
1)RAJESH BHAT, A CITIZEN OF B-603, YASHWANT, G.V. SCHEM 400081, INDIA	INDIA, IE, ROAD NO. 2, MUL	UND EAST, MUMBAI-	
DATE OF REGISTRATION	12	2/11/2013	C. D. D.
TITLE	PRES	SERVE JAR	
PRIORITY NA			
DESIGN NUMBER		259172	
CLASS		13-03	
1)ELMEX CONTROLS PVT. LTD. INDIAN COMPANIES ACT, AT, 12, G.I.D.C. ESTATE, MAKARPUH INDIA.	, A COMPANY INCO RA ROAD, VADODAH	PRPORATED UNDER THE RA-390 010, GUJARAT,	
DATE OF REGISTRATION	01/01/2014		
TITLE	SOLAR BRA	NCH CONNECTOR	
PRIORITY NA			

DESIGN NUMBER	259066	
CLASS	09-03	
1)M/S. SSP PLASTIPACK PVT. LT INDIAN COMPANIES ACT, 1956), E-85, SECTOR-1, DSIIDC INDUST		
DATE OF REGISTRATION	27/12/2013	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	260151	
CLASS	08-06	
AND SOLE PROPRIETOR OF DEV AT- OPP: MILAN BHEL, 50 FEET MA SORATHIYAWADI CIRCLE, RAJKO		
TITLE	HANDLE	9
PRIORITY NA		
DESIGN NUMBER	260234	
CLASS	11-01	
1)CROSSFOR CO., LTD., HAVING ADDRESS 1-2-60 ASAKE, KOFU-CITY, YAM	0120	
DATE OF REGISTRATION	10/02/2014	205
TITLE	HOLDER FOR ORNAMENTS	
PRIORITY NA		

DESIGN NUMBER		260326	
CLASS		08-08	
1)(1). BANKIMBHAI VELJIBHAI PARIKH (3) VINESHBHAI RATILA KISHORBHAI DEPANI., ALL INDL CREATION., AN INDIAN PARTNEI PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIMA 360004. GUJARAT-INDIA	MANVAR, (2) ALPES L DADHANIYA (4). I AN NATIONAL PAR' SHIP FIRM., HAVI AL SCHOOL, KALAW	SHBHAI HASMUKHBHA) MITKUMAR TNERS OF M/S. BARRY NG ITS PRINCIPLE 'AD ROAD, RAJKOT-	K
DATE OF REGISTRATION	14	4/02/2014	
TITLE	CURTA	AIN BRACKET	
PRIORITY NA			
DESIGN NUMBER		258460	
CLASS		04-02	
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	JLAND, GREAT BRI FORD, MIDDLESEX	TAIN OF THE ADDRESS TW8 9GS, UNITED	·H
DATE OF REGISTRATION	28/11/2013		E Company
TITLE	TOOTHBRUSH		/ 1
PRIORITY			(50
PRIORITY NUMBER	DATE COUNTRY		
GB 4030163	31/05/2013	U.K.	<u> </u>
DESIGN NUMBER		258119	
CLASS		13-03	-
1)M/S BMT ELECTRICAL UDYOG, HAVING ITS REGISTERED OFFICE AT 6/21, NEAR KHOATA MANDIR, KRISHNA COLONY, PALWAL DISTRICT; FARIDABAD, HARYANA PIN-121102, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT INDIA BY NATIONALITY INDIAN			
DATE OF REGISTRATION	13/11/2013		
TITLE	MOTOR	R CONTACTOR	
PRIORITY NA			

DESIGN NUMBER		260687				
CLASS		13-03				
1)ANDREW LLC, OF 1100 COMMSCOPE P 28602; UNITED STATES OF	LACE, SE HICKOR AMERICA, NATIO	Y, NORTH CAROL NALITY: USA	INA		_	
DATE OF REGISTRATION	28	8/02/2014		d		
TITLE	ELECTRICAL	ELECTRICAL INTERCONNECTION SEAL		\square	KT	P
PRIORITY				$\langle ($	W)	P
PRIORITY NUMBER	DATE	COUNTRY		10	/ }·	4
29473106	19/11/2013	U.S.A.			P	
DESIGN NUMBER	25'	9402				
CLASS	30	3-03				
1) WIRTGEN GMBH, REINHARD-WIRTGEN-S	TR.2., 53578 WIND	HAGEN				
DATE OF REGISTRATION	15/0	1/2014			-	
TITLE	CHISEL HOLDER FOR A MILLING MACHINE					
PRIORITY PRIORITY NUMBER 002274407	DATE 15/07/2013	COUNTRY OHIM			1	
DESIGN NUMBER	25	259082				
	¹	-+-UJ				
CG HOUSE, 6TH FLOOR MUMBAI - 400030, MAHAR. COMPANY	, DR. ANNIE BESAI ASHTRA, INDIA; A	NT ROAD, WORLI, N INDIAN		1	50	and the second
DATE OF REGISTRATION	27/2	12/2013		6		2
TITLE	REMOTI	E CONTROL			2	
PRIORITY NA				Y		

DESIGN NUMBER		262186	
CLASS	05-05		
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN INI ER THE PROVISIO GISTERED OFFICE T HANUMAN SILK A MALL, MUMBAI-4	DIAN PRIVATE LIMIT N OF THE COMPANI C AT MILL COMPOUND, 00 078 MAHARASHTR	ED ES A,
DATE OF REGISTRATION	(01/05/2014	
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER		262246	
CLASS		05-05	
COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIESACT, 1956, AND HAVING ITS'S REGISTERED OFFICE ATRELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND,KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA,INDIA.DATE OF REGISTRATION01/05/2014			A,
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER		258462	
CLASS	04-02		
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	GLAND, GREAT BR IFORD, MIDDLESEX	ITAIN OF THE ADDR (TW8 9GS, UNITED	ESS
DATE OF REGISTRATION	2	28/11/2013	
TITLE	TRAVEL CAP (COVER) FOR TOOTHBRUSH HEADS		JSH (MMM)
PRIORITY			- Des
PRIORITY NUMBER	DATE COUNTRY		
GB 4030166	31/05/2013	U.K.	

DESIGN NUMBER		257866	
CLASS		08-03	
1)HILTI AKTIENGESELLSCHAF FELDKIRCHERSTRASSE 100, FL NATIONALITY: LIECHTENSTEIN	T, -9494 SCHAAN, LIECI	HTENSTEIN,	
DATE OF REGISTRATION	29/10/2013		
TITLE	C	CHISEL	
PRIORITY	T		
PRIORITY NUMBER	DATE	COUNTRY	
744936201	18/06/2013	WIPO	
DESIGN NUMBER		260689	
CLASS		13-03	
1)ANDREW LLC, OF 1100 COMMSCOPE PLACE, SE HICKORY, NORTH CAROLINA 28602; UNITED STATES OF AMERICA, NATIONALITY: USA			
DATE OF REGISTRATION	28/02/2014		- 116-
TITLE	ELECTRICAL INTERCONNECTION SEAL		100 LLS
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29473109	19/11/2013 U.S.A.		
DESIGN NUMBER		260785	
CLASS		15-09	
1)ENDICO POWER TOOLS, AN I OF 1276/1, ST NO. 3, SHIMLAPUI	NDIAN COMPANY, RI, LUDHIANA-141003	8, PUNJAB, INDIA	
DATE OF REGISTRATION	04/03/2014		
TITLE	FINE ADJUSTMENT KNOB OF ROUTER MACHINES		
PRIORITY NA			

DESIGN NUMBER	261224	
CLASS	02-04	
1)JOSCO RUBBERS, A PARTNER PARTNERS JOSE JOSEPH, MAXY AT 8/50, MOONALINGAL, CALICUT	SHIP FIRM, REPRESENTED BY ITS JOSEPH, SONIA TONY AND ABEY JOSEPH -673032, KERALA, INDIA	T
DATE OF REGISTRATION	25/03/2014	
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	260154	
CLASS	26-05	
KATHROTIA INDIAN NATIONAL LIGHTS AT 11/FF, PUSHPAKUNJ COMPLEX, NATIONAL HIGHWAY 8, AHMEDA DATE OF REGISTRATION TITLE	AND PARTNERS OF M/S CHARLSTON THAKKAR BAPA NAGAR APPROACH, BAD 06/02/2014 CEILING LED LIGHT	Chardal.com
PRIORITY NA	20227	
CLASS	06-08	
1)(1). BANKIMBHAI VELJIBHAI PARIKH (3) VINESHBHAI RATILA KISHORBHAI DEPANI., ALL INDL CREATION., AN INDIAN PARTNEJ PLACE OF BUSINESS AT, 901, RAVI TOWER, OPP. PARIMA 360004. GUJARAT-INDIA	de la la	
DATE OF REGISTRATION	14/02/2014	
TITLE	CLOTH HOOK	
PRIORITY NA		

DESIGN NUMBER	2621	79	
CLASS	05-05		
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	E LIMITED, AN INDIAN ER THE PROVISION OF GISTERED OFFICE AT T HANUMAN SILK MILL MALL, MUMBAI-400 07 01/05/2 TEXTILE	PRIVATE LIMITED THE COMPANIES COMPOUND, 8 MAHARASHTRA, 2014 FABRIC	
DESIGN NUMBER	2614	69	
CLASS	09-0	3	
1)SANTOSH KUMAR, NATIONAI (INDIA) PVT LIMITED, 601, VENUS ATLANTIS CORPOR NAGAR ROAD, AHMEDABAD-3800	JITY: AN INDIAN, ADDR ATE PARK, PRAHALAD 1 15, GUJARAT, INDIA	ESS: PROMENS NAGAR, ANAND	
DATE OF REGISTRATION	02/04/2014		
PRIORITY NA	FREIGHT CO	IN TAINER	
DESIGN NUMBER	2581	35	
CLASS	13-()2	
1)AITICO OY, A LIMITED COMP THE LAWS OF FINLAND, OF BUSINESSCONNECT OY, MA	ANY ORGANIZED AND RIANKATU 8 A 9, 15110 I	EXISTING UNDER	
DALE OF REGISTRATION	13/11/2013		
	CHAKGING	STATION	
PRIORITY NUMBER	DATE	COUNTRY	
002235739-0003	DATE COUNTRY		-
002255759-0005	15/05/2015]

DESIGN NUMBER	,	258889	
CLASS		14-03	
1)XIAOMI INC., FLOOR 13, RAIN RESOURCES, NO. 68, QINGHE MIDDLE STREE CHINA; NATIONALITY: P.R. CHINA	BOW CITY SHOPPI T, HAIDIAN DISTRIC	NG MALL II OF CHINA T, BEIJING 100085,	
DATE OF REGISTRATION	20	/12/2013	
TITLE	MOB	ILE PHONE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201330273024.0	21/06/2013	CHINA	
DESIGN NUMBER	,	260340	
CLASS		02-04	
1)M/S BANIK RUBBER INDUSTRIES (INDIA) PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) OF "AJANTA HOUSE" 79/2 A.J.C. BOSE ROAD, KOLKATA-700014, WEST BENGAL, INDIA			
DATE OF REGISTRATION	FOOTWEAR		
PRIORITY NA	10	OTWEAK	-
DESIGN NUMBER	,	262199	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.DATE OF REGISTRATION01/05/2014TITLETEXTILE FABRIC			
PRIORITY NA			

DESIGN NUMBER		262248	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REURELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN IND ER THE PROVISION GISTERED OFFICE T HANUMAN SILK N MALL, MUMBAI-40	IAN PRIVATE LIMITED N OF THE COMPANIES AT /ILL COMPOUND, 0 078 MAHARASHTRA,	der.
DATE OF REGISTRATION	01	/05/2014	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		255507	
CLASS		06-03	
1) M/S LITTLE NAP DESIGNS PV 23, FIRST FLOOR M.B. ROAD, KI INDIAN			
DATE OF REGISTRATION	30	0/07/2013	
TITLE	,	TABLE	
PRIORITY NA			
DESIGN NUMBER		259414	
CLASS		03-01	100
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ERI AMERICA, A COLORADO CORPORA			
DATE OF REGISTRATION	15	5/01/2014	
TITLE	CASE FOR A SMART PHONE		IT JY
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/461,400	23/07/2013	U.S.A.	
DESIGN NUMBER	259618		
---	--	--	
CLASS	S 12-16		
1)MAHINDRA TWO WHEELERS UNDER THE INDIAN COMPANIES D1 BLOCK, PLOT NO. 18/2 (PART MAHARASHTRA, INDIA.	LIMITED, A COMPANY INCORPORATED ACT, AT Γ), MIDC, CHINCHWAD, PUNE-411019,		
DATE OF REGISTRATION	23/01/2014		
TITLE	WHEEL RIM FOR MOTORCYCLE		
PRIORITY NA			
DESIGN NUMBER	259233		
CLASS	15-99		
SOLE PROPRIETOR OF KISAN AG CONCERN) HAVING PLACE OF BUSINESS A HIGHWAY ROAD, NANDASAN, TAI (INDIA) DATE OF REGISTRATION TITLE	AT: NANSASAN, NEAR JAIN DERASAR, L: KADI, DIST: MEHSANA-382 705-GUJARAT- 06/01/2014 POTTERY PUGMILL (MACHINE)		
PRIORITY NA			
DESIGN NUMBER	262200		
CLASS	05-05	的合正(67-11-12-12-12-12-12-12-12-12-12-12-12-12-	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE- RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION			
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER		26	52249	
CLASS		05-05		-
1)M/S. BIBA APPARE COMPANY INCORPO ACT, 1956, AND HAVI RELIABLE HOUSE, KANJURMARG (WEST INDIA. DATE OF REGISTRAT	ELS PRIVAT RATED UNI NG ITS'S RH SITUATED /), OPP. HUM	TE LIMITED, AN INDIA DER THE PROVISION (EGISTERED OFFICE A' AT HANUMAN SILK MI A MALL, MUMBAI-400	N PRIVATE LIMITED DF THE COMPANIES T LL COMPOUND, 078 MAHARASHTRA, 05/2014	
TITLE PRIORITY NA		TEXTIL	E FABRIC	
DESIGN NUMBER		261473		
CLASS		07-02		
1)KANTILAL, AN IN ADDRESS IS NO: 39/1, BYRAVES ANDREHALLI MAIN R KARNATAKA, INDIA	DIAN NATIO WARA IND OAD, BANG	USTRIAL ESTATE, ALORE-560091,		
DATE OF REGISTRATION		02/04/2014		
TITLE	MIXING T	UBE FOR LPG STOVE		
PRIORITY NA				
DESIGN NUMBER		260	633	
CLASS		23	-02	
1)1) SHRI. BASANT J INDIAN NATIONAL T OFFICE AT PLOT NO. 361/8, SH DAMAN-396210, INDIA	I. BAFNA 2) RADING AS REE GANES , OF ABOVE	SMT. DAKSHA B. BAFN JEWEL PLAST, HAVE H INDUSTRIAL ESTATE ADDRESS	NA, PARTNERS- NG ITS REGISTERED E, KACHIGAM,	
DATE OF REGISTRATION 26/02/		2/2014		
FITLE SOAP CA		CASE		
PRIORITY NA				

DESIGN NUMBER		259238	
CLASS		08-06	
1)ANILBHAI GORDHANBHAI BA PROPRIETOR OF JAY BRAHMANI CONCERN) HAVING PLACE OF BU SHED NO. 10, VIRANI AGHAT, D (INDIA).	LDHA (ADULT & I I DIE CASTING (INI JSINESS AT : HEBAR ROAD (SOU	NDIAN NATIONAL) DIAN PROPRIETORSHII TH), RAJKOT-GUJARAT-	
DATE OF REGISTRATION	0	6/01/2014	
TITLE	H	HANDLE	
PRIORITY NA			
DESIGN NUMBER		258464	
CLASS		04-02	
1)GLAXO GROUP LIMITED, ENG 980 GREAT WEST ROAD, BRENT KINGDOM	GLAND, GREAT BRI FORD, MIDDLESEX	TAIN OF THE ADDRES	S CAR
DATE OF REGISTRATION	2	8/11/2013	Care S
TITLE	TRAVEL CAP (CO	VER) FOR TOOTHBRUSI HEADS	H Manna
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
GB 4030168	31/05/2013	U.K.	
DESIGN NUMBER		262201	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION			
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			and the second sec

DESIGN NUMBER	262250		
CLASS	S 05-05		
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REURELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT T HANUMAN SILK MILL COMPOUND, MALL, MUMBAI-400 078 MAHARASHTRA,	an a the second se	
DATE OF REGISTRATION	01/05/2014	\$ ME 16 M.	
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	261612		
CLASS	06-13		
1) CHILEWICH SULTAN LLC, 44, EAST 32ND STREET, NEW YO NATIONALITY: US	DRK, NY 10016, UNITED STATES OF AMERICA;		
DATE OF REGISTRATION	09/04/2014		
TITLE	TABLE RUNNER		
PRIORITY NA			
DESIGN NUMBER	260726		
CLASS	LASS 02-03		
1)BASTIAN GEORGE, CARRYIN THADATHEL HOUSE VENKURIN 686510, KERALA, INDIA, INDIAN-N			
DATE OF REGISTRATION	28/02/2014	James Alexandre	
TITLE	PAPER CAP		
PRIORITY NA]	

DESIGN NUMBER			260807	
CLASS		03-01		
1)DELSEY, A COMPANY UNDER FRENCH LAW OF 215, AVENUE DES NATIONS, F-93290 TREMBLAY EN FRANCE, FRANCE				
DATE OF REGISTRAT	ION	C	6/03/2014	
TITLE		S	UITCASE	to
PRIORITY				- The
PRIORITY NUMBER		DATE	COUNTRY	
002314088-0001		23/09/2013	OHIM	
DESIGN NUMBER		2	59419	
CLASS			15-03	_
I)YOGESH KANJIBHAI SAGPARIYA SON OF - KANJIBHAI NAGJIBHAI SAGAPARIA RESIDENT OF - RAMESHWAR KRIPA, KHODIYAR SCO. 50 FEET ROAD, B/H NANDA HALL, KOTHARIYA ROAD, RAJKOT-360-002, GUJRAT.				
DATE OF REGISTRATION		15/01/2014		
TITLE	AERA	ATOR FOR AQUACU	JLTURE FARMING	
PRIORITY NA				
DESIGN NUMBER			259246	
CLASS		11-02		
1) DR. JITEN P. BHAT NATIONAL PARTNERS PARTNERSHIP FIRM I 355, GIDC, MAKAPU	FT AND (2) E S OF PERCA HAVING ITS IRA, VADOD	DR. DHARA CHOKS RE INDUSTRIES A PRINCIPAL PLAC DARA-390 090, GUJA	I BOTH INDIAN ND INDIAN E OF BUSINESS RAT-INDIA	
DATE OF REGISTRATION		06/01/2014		
TITLE DECORATIVE		ATIVE ARTICLE		
PRIORITY NA				

DESIGN NUMBER	262615	
CLASS	21-02	
1)SPORTING SYNDICATE PVT. I JALANDHAR-144001 (PUNJAB) INI (AN INDIAN COMPANY DULY R 1956) OF THE ABOVE ADDRESS	L TD., 3, NEW VIJAY NAGAR, BASTI ROAD, DIA REGISTERED UNDER THE COMPANIES ACT,	8
DATE OF REGISTRATION	15/05/2014	
TITLE	LIGHTING POLE FOR NIGHT TIME TRAINING PRACTISE OF SOCCER & RUGBY GAMES	
PRIORITY NA		
DESIGN NUMBER	262202	
CLASS	05-05	Conservation and a second s
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT T HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		758.84.758.84.588
DESIGN NUMBER	262251	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT IT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		261569	
CLASS		09-02	
1)PRABH DAYAL OM PARKASH SIRKIWALAN, HAUZ QAZI, DELH AN INDIAN COMPANY REGISTI COMPANIES ACT, 1956, OF THE AB	INFRASTRUCTURE I-110006, INDIA, ERED UNDER THE PF OVE ADDRESS	E (P) LTD., 2880 ROVISIONS OF INDIAN	4-12
DATE OF REGISTRATION	07	7/04/2014	
TITLE	WA	TER TANK	
PRIORITY NA			
DESIGN NUMBER		259843	
CLASS		13-03	
33/2905 F, VENNALA HIGH SCH KERALA STATE, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	OOL ROAD, VENNAL	A, KOCHI - 682028, 0/01/2014 ABILIZER	
DESIGN NUMBER		260808	
CLASS		03-01	
1) DELSEY, A COMPANY UNDER 215, AVENUE DES NATIONS, F-9	FRENCH LAW OF 03290 TREMBLAY EN	FRANCE, FRANCE	
DATE OF REGISTRATION	00	5/03/2014	
TITLE	SU	UITCASE	te.
PRIORITY			P
PRIORITY NUMBER	DATE	COUNTRY	
002314088-0002	23/09/2013	OHIM	and the second s

DESIGN NUMBER		259423	
CLASS		08-08	
1)NEOPERL GMBH, OF KLOSTERRUNSSTR. 11, 7937			
DATE OF REGISTRATION	10	5/01/2014	
TITLE	COU	PLING NUT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002288670-0001	08/08/2013	OHIM	
DESIGN NUMBER		259257	
CLASS		14-03	
1)CROMPTON GREAVES LIMIT CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA			
DATE OF REGISTRATION	07	7/01/2014	
TITLE	REMO	TE CONTROL	
PRIORITY NA			
DESIGN NUMBER		258930	
CLASS		15-99	•
1) M. THANGADURAI, PROPRIETOR OF M/S. BALAKRISHNA ENGINEERING AT NO. 1/93, MYLAMPATTI POST, (VIA) CHINNIAMPALAYAM, COIMBATORE- 641062, INDIA, INDIAN-NATIONAL OF ABOVE ADDRESS			
DATE OF REGISTRATION	23	3/12/2013	
TITLE	VEGETABLE	CUTTING MACHINE	
PRIORITY NA			

DESIGN NUMBER		262559	
CLASS		09-01	
1)S. T. CORPORATION, A CORPO UNDER THE LAWS OF JAPAN OF 4-10, SHIMO OCHIAI 1-CHOME,			
DATE OF REGISTRATION		13/05/2014	
TITLE	CONTAINER FOR	VOLATILIZING CHEMICA	LS
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
1302003253	14/11/2013	THAILAND	
DESIGN NUMBER		262366	
CLASS		08-06	
PRESER DAI CAST (INDIAN PART BUSINESS AT-AJI RING ROAD, SAHAJANA WEIGH BRIDGE, RAJKOT-GUJARA			
DATE OF REGISTRATION		06/05/2014	
TITLE		HANDLE	
PRIORITY NA			
DESIGN NUMBER		257764	
CLASS		07-05	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	AT		
DATE OF REGISTRATION		25/10/2013	
TITLE	STEAM GENERATOR FOR IRON		
PRIORITY			0
PRIORITY NUMBER	DATE	COUNTRY	
002231514-0002	02/05/2013 OHIM		

DESIGN NUMBER	2	61521	
CLASS	23-02		
1)GEBERIT INTERNATIONAL SCHACHENSTRASSE 77, 8645 SWITZERLAND	AG JONA, SWITZERLAND,	A COMPANY OF	
DATE OF REGISTRATION	03/	/04/2014	
TITLE	BUTTON FOR TO	DILET FLUSH TANKS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
766344101	07/10/2013	WIPO	
DESIGN NUMBER	2	.60855	
CLASS		09-01	
DAMAN, DAMAN-396210, INDIA WHOSE PARTNERS ARE DINI SACHDEV, ALL INDIAN NATION DATE OF REGISTRATION	, INDIAN PARTNERSHI ESH LAXMINARAYAN N ALS	P FIRM, 1ALIK & MANASI /03/2014	
TITLE	B	OTTLE	-
DESIGN NUMBER	259430)	
DESIGN NUMBER	25943)	
CLASS	13-03		
1)GM MODULAR PVT. LTD., H 405, SHALIMAR MORYA PAR LOKHANDWALA, ANDHERI (WE INDIA.	IAVING THEIR OFFICE K, BEHIND HYUNDAI SI ST), MUMBAI-400 053, N	A T HOWROOM, MAHARASHTRA,	
DATE OF REGISTRATION	16/01/20	014	
TITLE	ADAPTOR MU	LTIPLUG	
PRIORITY NA			No.

DESIGN NUMBER		260985	
CLASS		08-07	_
1)MATRU PRODUCTS, HAVING ESTATE, NAGARWELL HANUMA GUJARAT, INDIA A PROPRIETAR VALLABHBHAI KARSANBHAI PA B/39, TRIPADA SOCIETY, NEAR AHMEDABAD-380008, GUJARAT, IN	FHE PRINCIPLE OF N ROAD, AMRAIWA Y CONCERN HAVI TEL RESIDING AT GOR NO KUVO, MA	FFICE AT 26, SATNAM ADI, AHMEDABAD-38002 NG THE PROPRIETOR- ANINAGAR EAST,	6,
DATE OF REGISTRATION	1	4/03/2014	
TITLE	DOC	OR CATCHER	
PRIORITY NA			
DESIGN NUMBER		259247	
CLASS		24-04	
1) CELON PHARMA S.A., OGRODOWA 2A, KIELPIN, 05-09 POLAND			
DATE OF REGISTRATION	0	06/01/2014	
TITLE	INHALER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002270793-0002	09/07/2013 OHIM		Vk/
DESIGN NUMBER		261874	
CLASS		19-06	
1)KABUSHIKI KAISHA PILOT CO CORPORATION) A CORPORATIO LAWS OF JAPAN, MANUFACTURI 6-21, KYOBASHI 2-CHOME, CHU			
DATE OF REGISTRATION	2	21/04/2014	
TITLE	BALLPOINT PEN		
PRIORITY			_
PRIORITY NUMBER	DATE	COUNTRY	
2013-024600	22/10/2013 JAPAN		

DESIGN NUMBER		261177	
CLASS		06-13	
1)SCI EXPORT (P) LTD., SITUAT DELHI-110018 (INDIA) A COMPANY INCORPORATED U ABOVE ADDRESS	· · · · · · · · · · · · · · · · · · ·		
DATE OF REGISTRATION	22	1/03/2014	A 1515 Q
TITLE	TAB	BLE COVER	Provide the second
PRIORITY NA			
DESIGN NUMBER		261309	
CLASS		07-02	
1)HAWKINS COOKERS LIMITEI MAKER TOWER F 101, CUFFE PA MAHARASHTRA, INDIA, AN INDIA	- Hardly		
DATE OF REGISTRATION	2	7/03/2014	
TITLE	PRESS	URE COOKER	
PRIORITY NA			
DESIGN NUMBER		260348	
CLASS		07-07	
1)DART INDUSTRIES INC., A CO OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOS	RPORATION FOUN	DED UNDER THE LAWS NDO, FLORIDA 32837, USA	
DATE OF REGISTRATION	14	4/02/2014	
TITLE	COLLECTION CON	NTAINER WITH HANDLE	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/464,655	20/08/2013 U.S.A.		

DESIGN NUMBER		262622	
CLASS		11-02	
1)MALHOTRA FLOWER, 4 DELHI-110006, INDIA (AN INDIAN PROPRIETOR MALHOTRA AN INDIAN NAT	524, G Ship F Tonai	ALI JATAN PAHARI DHIRAJ, SADAR BAZAR, TRM WHOSE PROPRIETOR IS:- SH. SIDHARTH 2 OF THE ABOVE ADDRESS	
DATE OF REGISTRATION		15/05/2014	CARE
TITLE		FLOWER POT	
PRIORITY NA			
DESIGN NUMBER		257739	
CLASS		07-04	
1)M/S. PLASTOMETAL EN INCORPORATED UNDER IN 336, STREET NO. 6, BATLA AND AN INDIAN	GINEE DIAN A HOU	RING (I) PRIVATE LIMITED, A COMPANY COMPANY ACT, 1956 ADDRESS AT SE, JAMIA NAGAR, DELHI-110025, INDIA,	
DATE OF REGISTRATION		25/10/2013	
TITLE		ROLLER FOR PREPARATION OF FOOD	
PRIORITY NA		-	
DESIGN NUMBER		260011	
CLASS		12-16	
1) TATA MOTORS LIMITEI BOMBAY HOUSE, 24 HOM 001, MAHARASHTRA, INDIA	D, AN I II MOE	NDIAN COMPANY OF Y STREET, HUTATMA CHOWK, MUMBAI 400	
DATE OF REGISTRATION		31/01/2014	
TITLE		FRONT DOOR OF A VEHICLE	K
PRIORITY NA			

DESIGN NUMBER	2	259544		
CLASS		08-05		
1)WIRTGEN GMBH, REINHARD-WIRTGEN-STR.2	., 53578 WINDHAGEN			
DATE OF REGISTRATION	20	/01/2014		
TITLE	WEAR PROTECTIO	ON SKIDS FOR MILLING ACHINES	3	
PRIORITY	- -		24	
PRIORITY NUMBER	DATE	COUNTRY		
002281048	25/07/2013	OHIM		
	25	2054		
DESIGN NUMBER	25	8954	-	
CLASS	24	1-02	-	
1)MR. SACHIN G. LOKAPURE RESEARCH EQUIPMENT HAVI 5099, NEAR ASHA TALKIES, MIRAJ-416410, DIST-SANGLI, MA	C (INDIA). A PROPRIE I NG ITS PRINCIPAL F OPP. OMKAR APPT, SI AHARASHTRA, INDIA	FOR OF SAGLO® PLACE OF BUSINESS HANIWAR PETH,		
DATE OF REGISTRATION	24/12	2/2013		
TITLE	CABINET FOR BAC DETECTION	TERIAL MOVEMENT ON DEVICE		
PRIORITY NA				
DESIGN NUMBER		262561		
CLASS	LASS 09-01			
1)PEARL POLYMERS LIMITE PHASE 2, NEW DELHI-110020, I A COMPANY INCORPORATE ABOVE ADDRESS	ED, OF A-97/2, OKHLA NDIA, ED UNDER THE COMPA	INDUSTRIAL AREA,	не	
DATE OF REGISTRATION		13/05/2014		
TITLE		BOTTLE		
PRIORITY NA				

DESIGN NUMBER		262207	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REU RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN IND ER THE PROVISIO GISTERED OFFICE T HANUMAN SILK MALL, MUMBAI-4	DIAN PRIVATE LIMITED N OF THE COMPANIES AT MILL COMPOUND, 00 078 MAHARASHTRA,	
DATE OF REGISTRATION	0	1/05/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		261523	
CLASS		23-02	
1)SMIXIN AG, ZENTRALSTRASSE 115, 2503 BIF SWITZERLAND			
DATE OF REGISTRATION	0	3/04/2014	S. /
TITLE	HAND WASHING DEVICES		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
765568201	03/10/2013	WIPO	
DESIGN NUMBER		259787	
CLASS		25-01	and the second
1)SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LAKHA MORBI-363642, GUJARAT, INDIA, IN	ADHIRPUR ROAD, 8 NDIAN COMPANY	-A, NATIONAL HIGHWAY,	
DATE OF REGISTRATION	2	9/01/2014	
TITLE TILE			
PRIORITY NA			

DESIGN NUMBER		256415	
CLASS		06-05	
1)HERMAN MILLER, INC., OF 855 EAST MAIN AVENUE, ZE OF AMERICA	•		
DATE OF REGISTRATION	13	8/09/2013	1 ICall
TITLE	FU	RNITURE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/450,168	15/03/2013	U.S.A.	
DESIGN NUMBER		260756	
CLASS		24-01	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	T Contraction		
DATE OF REGISTRATION	03	8/03/2014	
TITLE	MEDIC	AL MONITOR	
PRIORITY	a to a		
PRIORITY NUMBER	DATE	COUNTRY	10
002301796-0002	03/09/2013	OHIM	
DESIGN NUMBER		260817	
CLASS		09-01	-
1)MR. YOGESH KUMAR NAYYA POMEY PLASTIC WORKS, HAVIN A-79, G.T. KARNAL ROAD, INDU	s and		
DATE OF REGISTRATION	06	5/03/2014	Contract of Contra
TITLE	В	BOTTLE	and the second s
PRIORITY NA			

DESIGN NUMBER		259355	
CLASS		08-06	
1)PHA INDIA (P) LTD, A COMPA ACT, 1956 HAVING ITS REGISTER C-16 & C-25, SIPCOT INDL. PARE TAMIL NADU, INDIA-602117; NATIO	NY REGISTERED U Y ED OFFICE AT X, IRRUNGATTUKOT DNALITY: INDIAN	NDER THE COMPANIES	5
DATE OF REGISTRATION	10	0/01/2014	De O
TITLE	HINGE FOR	R VEHICLE DOOR	
PRIORITY NA			
DESIGN NUMBER		261126	
CLASS		12-16	- 17
1)HONDA MOTOR CO., LTD., A J OF 1-1, MINAMI-AOYAMA 2-CH	APANESE CORPOR OME, MINATO-KU, T	ATION, OKYO, 107-8556 JAPAN	
DATE OF REGISTRATION	20	0/03/2014	
TITLE	REAR COWL FOR MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-022050	24/09/2013	JAPAN	
DESIGN NUMBER		258491	
CLASS		23-04	
1)SAROJBEN CHINUBHAI SHAH HAVING OFFICE ADDRESS AT 117, SHIV KRUPA INDUSTRIAL I MUMBAI-400083, MAHARASHTRA,	& VIPUL SHAH TRA ESTATE, L.B.S. MAR INDIA.	ADING AS RUMI PLAST G, VIKROLI (WEST),	
DATE OF REGISTRATION	29	0/11/2013	
TITLE	ENGINE	COOLING FAN	
PRIORITY NA			

DESIGN NUMBER	259258	
CLASS	14-03	
1) CROMPTON GREAVES LIMITE CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA	E D, NIE BESANT ROAD, WORLI, MUMBAI - 400030, N COMPANY	
DATE OF REGISTRATION	07/01/2014	
TITLE	REMOTE CONTROL	
PRIORITY NA		
DESIGN NUMBER	262560	
CLASS	09-07	
1) PEARL POLYMERS LIMITED, (PHASE 2, NEW DELHI-110020, IND A COMPANY INCORPORATED U ABOVE ADDRESS	OF A-97/2, OKHLA INDUSTRIAL AREA, I A, UNDER THE COMPANIES ACT, 1956, OF THE	
DATE OF REGISTRATION	13/05/2014	
TITLE	CAP OF BOTTLE	
PRIORITY NA		
DESIGN NUMBER	262206	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVATH COMPANY INCORPORATED UNDI ACT, 1956, AND HAVING ITS'S REG RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT T HANUMAN SILK MILL COMPOUND, MALL, MUMBAI-400 078 MAHARASHTRA,	Ĩ � ∰ � î ▶ @ � @
DATE OF REGISTRATION	01/05/2014	
TITLE PRIORITY NA	TEXTILE FABRIC	

DESIGN NUMBER		259847	
CLASS		23-03	
1)M/S. V-GUARD INDUSTRIES LT UNDER THE COMPANIES ACT OF 33/2905 F, VENNALA HIGH SCHO KERALA STATE, INDIA	FD., AN INDIAN CO 1 956 WHOSE ADDI DOL ROAD, VENNAI	MPANY INCORPORAT RESS IS LA, KOCHI - 682028,	ED
DATE OF REGISTRATION	30	0/01/2014	
TITLE	WAT	ER HEATER	
PRIORITY NA			89
DESIGN NUMBER		257962	
CLASS		08-03	17
1)HILTI AKTIENGESELLSCHAF FELDKIRCHERSTRASSE 100, FL NATIONALITY: LIECHTENSTEIN	F, 9494 SCHAAN, LIEC	CHTENSTEIN,	
DATE OF REGISTRATION	04	4/11/2013	
TITLE		CHISEL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
744936201	18/06/2013	WIPO	
DESIGN NUMBER		260401	
CLASS		09-01	
1)DIAGEO BRANDS B.V. OF THE MOLENWERF 10-12, AMSTERDA			
DATE OF REGISTRATION	1	7/02/2014	
TITLE	I	BOTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002344176-0001	12/11/2013	OHIM	N D

DESIGN NUMBER	25	9354	
CLASS	08	3-06	•
1)PHA INDIA (P) LTD, A COMPAN ACT, 1956 HAVING ITS REGISTER C-16 & C-25, SIPCOT INDL. PARK TAMIL NADU, INDIA-602117; NATIC	IY REGISTERED UND ED OFFICE AT ., IRRUNGATTUKOTTA NALITY: INDIAN	ER THE COMPANIES	Da
DATE OF REGISTRATION	10/0	1/2014	
TITLE	HINGE FOR V	EHICLE DOOR	
PRIORITY NA			
DESIGN NUMBER	25	9431	
CLASS	20	5-05	
1)GM MODULAR PVT. LTD., HAV 405, SHALIMAR MORYA PARK, I LOKHANDWALA, ANDHERI (WEST)	4		
DATE OF REGISTRATION	16/0	1/2014	Constanting of the second
TITLE	LED	LAMP	
PRIORITY NA			
DESIGN NUMBER	26	0987	
CLASS	07	7-02	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KINGI EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE			
DATE OF REGISTRATION	14/0	3/2014	
TITLE	GRILL		
PRIORITY			E.
PRIORITY NUMBER	DATE COUNTRY		22124
002311217-0001	17/09/2013 OHIM		

DESIGN NUMBER	262563	
CLASS	09-01	
1) PEARL POLYMERS LIMITED, PHASE 2, NEW DELHI-110020, IND A COMPANY INCORPORATED U ABOVE ADDRESS		
DATE OF REGISTRATION	13/05/2014	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	262209	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.		
DATE OF REGISTRATION	01/05/2014	and the second second
TITLE TEXTILE FABRIC		
PRIORITY NA		
DESIGN NUMBER	262290	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	02/05/2014	
TITLE	NAPKIN HOLDER	
PRIORITY NA		

DESIGN NUMBER	2	257578		
CLASS	24-04			
1)A.D. INTEGRITY APPLIC HAVING ADDRESS AT 102 HA'AVODA ST., P.O. B	ATIONS LTD., AN OX 432, ASHKELO	ISRAELI CO N 78100, ISRA	MPANY EL	
DATE OF REGISTRATION	21/	21/10/2013		AL DOD
TITLE	EA	AR CLIP		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTR	Y	2
54019	13/05/2013	ISRAEL		
DESIGN NUMBER		261527		
CLASS		26-06		
1)HONDA MOTOR CO., LTI 1-1, MINAMI-AOYAMA 2-0 JAPAN	D., A JAPANESE C CHOME, MINATO-I	ORPORATIO KU, TOKYO, 1	N, OF 07-8556,	
DATE OF REGISTRATION		04/04/2014		
TITLE	MOTOR	CYCLE HEAD	DLIGHT	
PRIORITY PRIORITY NUMBER 2013-023435	DATE 07/10/2013	COUI JAPA	NTRY N	
DESIGN NUMBER		24652	2	
CLASS		09-01		
1) PEPSICO, INC., INCORPO OF 700 ANDERSON HILL R STATES OF AMERICA	PRATED IN NORT	H CAROLINA NEW YORK 1	0577, UNI	TED
DATE OF REGISTRATION		16/07/20)12	
TITLE	I	BEVERAGE DI	SPENSER	
PRIORITY PRIORITY NUMBER	DATE	112	COUNTRY	
29/411, 039	10/01/20		U. S .A.	

DESIGN NUMBER	259789	
CLASS	25-01	
1) SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LAI HIGHWAY, MORBI-363 642, GUJARA	KHADHIRPUR ROAD, 8-A, NATIONAL AT, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	29/01/2014	
TITLE	TILE	Mark Control .
PRIORITY NA		
DESIGN NUMBER	259369	
CLASS	24-01	
1)M/S. SS TECHNOMED PVT. LTT THE INDIAN COMPANIES ACT, 19 A-128, SECTOR A-4, TRONICA C	D. (A COMPANY INCORPORATED UNDER 56), ITY, GHAZIABAD	
DATE OF REGISTRATION	ATE OF REGISTRATION 13/01/2014	
TITLE	BABY WARMER	
PRIORITY NA		(4 Fair
DESIGN NUMBER	259434	
CLASS	14-01	
1)GM MODULAR PVT. LTD., HAV 405, SHALIMAR MORYA PARK, LOKHANDWALA, ANDHERI (WEST	V ING THEIR OFFICE AT BEHIND HYUNDAI SHOWROOM, ⁽), MUMBAI-400 053, MAHARASHTRA, INDIA.	1
DATE OF REGISTRATION	16/01/2014	
TITLE	DOOR BELL	
PRIORITY NA		

DESIGN NUMBER		258972	
CLASS		08-08	
1)EMERSON CLIMATE TECHNO INCORPORATED UNDER THE INI PLOT NO. 23, RAJIV GANDHI INI 411 057, MAHARASHTRA, INDIA.	LOGIES (INDIA) LIN DIAN COMPANIES A FOTECH PARK, PHAS	AITED, A COMPANY CT, AT SE-II, HINJEWADI, PUNE-	
DATE OF REGISTRATION	24	/12/2013	
TITLE	MOUNTING I	FOR COMPRESSOR	
PRIORITY NA			
DESIGN NUMBER		257401	
CLASS		12-16	
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN.			
DATE OF REGISTRATION	10	/10/2013	•
TITLE	BUMPER COMP	ONENT FOR VEHICLE	
PRIORITY	1	1	0
PRIORITY NUMBER	DATE	COUNTRY	
2013/0152	11/04/2013	SWEDEN	
DESIGN NUMBER	,	262210	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REU RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.			
DATE OF REGISTRATION	01	/05/2014	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		262386		
CLASS	13-03			
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN				San and Andrews
DATE OF REGISTRATION		06/05/20	14	A Card D
TITLE	TERMIN	AL FOR I	BATTERIES	
PRIORITY				
PRIORITY NUMBER	DATE	C	OUNTRY	
2013-026748	15/11/2013	J	APAN	
DESIGN NUMBER		257593		
CLASS		26-05		
1)M/S SHREE SANT KRIPA INTELLECTUAL, HAVING OFFICE AT 7, AKSHAY COMPLEX, OFF. DHOLE PATIL ROAD, PUNE-411001, MAHARASHTRA, INDIA, AN INDIAN.				
DATE OF REGISTRATION	21/10/2013			
TITLE	CEILING FIXTURE FOR LAMPS		FOR LAMPS	
PRIORITY NA				
DESIGN NUMBER		246524		
CLASS	09-01			
1) PEPSICO, INC., INCORPORATI OF 700 ANDERSON HILL ROAD, STATES OF AMERICA	E D IN NORTH CA PURCHASE, NEW	ROLINA YORK 10)577, UNITED	
DATE OF REGISTRATION	16/07/2012		12	
TITLE	BEVERAGE DISPENSER		SPENSER	
PRIORITY				
PRIORITY NUMBER	DATE	C	OUNTRY	
29/411,040	16/01/2012 U.S.A.		I.S.A.	

DESIGN NUMBER	258015		
CLASS	09-07		
1)" B. BRAUN MELSUNGEN AG'' AT CARL-BRAUN-STRASSE 1, 34212 GERMANY	NATIONALITY: G 2 MELSUNGEN, FEI	ERMANY, ADDRESS	RA
DATE OF REGISTRATION	07/	11/2013	
TITLE	OVERCAP IN PHARMACEUT	NTENDED FOR A TICAL CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002246074-0001	29/05/2013	OHIM	
DESIGN NUMBER		259791	
CLASS		25-01	
1) SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LAI HIGHWAY, MORBI-363 642, GUJAR.	KHADHIRPUR ROA AT, INDIA, INDIAN	D, 8-A, NATIONAL COMPANY	
DATE OF REGISTRATION		29/01/2014	
TITLE		TILE	
PRIORITY NA			
DESIGN NUMBER		259377	
CLASS		08-06	
1)BHARATBHAI BHURABHAI DO DOMADIA BOTH INDIAN NATION INDIAN PARTNERSHIP FIRM HAV AT 5, AJI VASAHAT, OPP. WESTERN GUJARAT-INDIA	DMADIA AND KAL IAL PARTNERS OF ING ITS PRINCIP MINERAL, 80 FEE	PESHBHAI VELJIBHAI F APEX TECHNOCAST A AL PLACE OF BUSINESS TT ROAD, RAJKOT,	N S
DATE OF REGISTRATION		13/01/2014	
TITLE		HANDLE	
PRIORITY NA			

DESIGN NUMBER	259435	
CLASS	14-01	
1)GM MODULAR PVT. LTD., HAV 405, SHALIMAR MORYA PARK, I LOKHANDWALA, ANDHERI (WEST)	/ING THEIR OFFICE AT 3EHIND HYUNDAI SHOWROOM,), MUMBAI-400 053, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/01/2014	
TITLE	DOOR BELL	
PRIORITY NA		
DESIGN NUMBER	262038	
CLASS	05-05	2 APRIL 2
RELIABLE HOUSE, SITUATED A' KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	T HANUMAN SILK MILL COMPOUND, MALL, MUMBAI-400 078 MAHARASHTRA, 25/04/2014 TEXTILE FABRIC	
DESIGN NUMBER	259793	
CLASS	25-01	
1) SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LAN HIGHWAY, MORBI-363642, GUJARA	KHADHIRPUR ROAD, 8-A, NATIONAL T, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	29/01/2014	
TITLE	TILE	
PRIORITY NA		

DESIGN NUMBER	257773	
CLASS	23-99	
1)FLEXITUFF INTERNATIONAL UNDER THE INDIAN COMPANIES PIPALGAON ROAD, NEAR IDGA KASHIPUR-244713, DIST. UDHAMSI		
DATE OF REGISTRATION	25/10/2013	
TITLE	DRIPPER FOR WATERING AGRICULTURAL LAND	
PRIORITY NA		204120
DESIGN NUMBER	260517	
CLASS	24-04	
1)LUPIN LIMITED., AN INDIAN (COMPANIES ACT, 1956, AND HAV 159 CST ROAD, KALINA, SANTA MAHARASHTRA, INDIA	6	
DATE OF REGISTRATION	20/02/2014	
TITLE	INHALER	
PRIORITY NA		
DESIGN NUMBER	259437	
CLASS	13-03	
1)GM MODULAR PVT. LTD., HA 405, SHALIMAR MORYA PARK, LOKHANDWALA, ANDHERI (WEST	VING THEIR OFFICE AT BEHIND HYUNDAI SHOWROOM, '), MUMBAI-400 053, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/01/2014	2
TITLE	ADAPTOR MULTIPLUG	
PRIORITY NA		

DESIGN NUMBER	25	8991	
CLASS	14	4-01	
1)GUILLEMOT CORPORATION PLACE DU GRANIER - BP 97143 FRANCE	00000		
DATE OF REGISTRATION	24/1	2/2013	000000000000000000000000000000000000000
TITLE	AUDIO OR VIDEO MIXING CONTROLLER FOR USE WITH COMPUTERS		Q
PRIORITY NA			
DESIGN NUMBER	26	2048	
CLASS	0.	5-05	
COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA			
DATE OF REGISTRATION	25/0	4/2014	并上来了比 不是
TITLE	TEXTIL	E FABRIC	First Strange
PRIORITY NA			L. P. Store KAN
DESIGN NUMBER	26	2391	
CLASS	0	9-01	\bigcirc
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM			A
DATE OF REGISTRATION	06/05/2014		
TITLE	CONTAINER		A //
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		$ \rangle / $
002342931-0001	11/11/2013	OHIM	V

DESIGN NUMBER	261460	
CLASS	08-06	
1)(1) PRADIPBHAI K. MEHT CHETANBHAI P. MEHTA ALI MANUFACTURING CO. AN IN PRINCIPAL PLACE OF BUSIN PLOT NO. 27, SURVEY NO. BYPASS ROAD, VILLAGE: KO	^{CA} , (2) AMITBHAI P. MEHTA AND (3) L INDIAN NATIONAL PARTNERS OF KOM NDIAN PARTNERSHIP FIRM HAVING ITS NESS AT 224, SOMNATH IND. 5, RAJKOT GONDAL THARIYA, SOLVENT, RAJKOT, GUJARAT-II	IAL NDIA
DATE OF REGISTRATION	02/04/2014	
TITLE	KNOB	
PRIORITY NA		
DESIGN NUMBER	259797	
CLASS	25-01	
1) SIMPOLO VITRIFIED PRI OLD GHUNTU ROAD, MOR COMPANY	VATE LIMITED OF BI-363 642, GUJARAT, INDIA, INDIAN	
DATE OF REGISTRATION	29/01/2014	
TITLE	TILE	International Contractor of the
PRIORITY NA		
DESIGN NUMBER	260470	
CLASS	15-03	
1) MR. VIJAY SHARMA, AN VILL: RAHA, P.ORAHA, P. STATE-ASSAM, INDIA	INDIAN CITIZEN, HAVING ADDRESS .SRAHA, DIST-NAGAON, PIN-782103,	
DATE OF REGISTRATION	19/02/2014	K
TITLE	PADDY THRASHER MACHINE	
PRIORITY NA		

DESIGN NUMBER		259002	
CLASS	09-03		
1)TOKITAE, LLC, INCORPORAT OFFICE ADDRESS AT 11235 SE 6TH STREET, SUITE 200			
DATE OF REGISTRATION	26	5/12/2013	
TITLE	MILK TRANSFER C	ONTAINER WITH FUNNEL	DIA
PRIORITY NA			
DESIGN NUMBER		256030	
CLASS		26-03	
1)SCHREDER S.A. OF RUE DE LUSAMBO, 67, B. 1190 E COMPANY	RUXELLES, BELGIU	M, A BELGIUM	
DATE OF REGISTRATION	23/08/2013		LEB TO
TITLE	OUTDOOR LIGHTING FIXTURE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
1367247-0001	09/04/2013	OHIM	12
DESIGN NUMBER		262392	
CLASS		09-01	TD
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM			
DATE OF REGISTRATION	06/05/2014		
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	12
002342998-0001	11/11/2013	OHIM	S

DESIGN NUMBER	257700	
CLASS	12-99	-
1)SEBCO INDUSTRIES OF B-67, I (PUNJAB), INDIA, AN INDIAN PAR WHOSE PARTNERS ARE (1) SMT SMT. MONICA JAIN, INDIANS OF A	-	
DATE OF REGISTRATION	24/10/2013	
TITLE	FREE WHEEL FOR BICYCLE	
PRIORITY NA		
DESIGN NUMBER	259287	
CLASS	26-02	
1)EVEREADY INDUSTRIES INDI 1, MIDDLETON STREET, KOLKA INDIAN COMPANY	A LTD. TA-700 071, WEST BENGAL, INDIA, AN	
DATE OF REGISTRATION	07/01/2014	
TITLE	TORCH	
PRIORITY NA		
DESIGN NUMBER	262562	
CLASS	09-01	
1)PEARL POLYMERS LIMITED, PHASE 2, NEW DELHI-110020, IND A COMPANY INCORPORATED U ABOVE ADDRESS	OF A-97/2, OKHLA INDUSTRIAL AREA, IA, JNDER THE COMPANIES ACT, 1956, OF THE	
DATE OF REGISTRATION	13/05/2014	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	262208	
CLASS 05-05		· · · · · · · · · · · · · · · · · · ·
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.		
DATE OF REGISTRATION	01/05/2014	- 30 31 - 30 - 31 - 30 - 34
TITLE	TEXTILE FABRIC	
PRIORITY NA		and a second second
DESIGN NUMBER	259788	
CLASS	25-01	No. Inc. Conversion
1)SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LA HIGHWAY, MORBI-363642, GUJARA		
DATE OF REGISTRATION	29/01/2014	A CARLES AND A
TITLE	TILE	
PRIORITY NA		
DESIGN NUMBER	258088	
CLASS	15-01	
1) TRIVENI TURBINE LIMITED , A OF BUSINESS AT 12A, PEENYA INDUSTRIAL ARE		
DATE OF REGISTRATION 12/11/2013		dille Citronitation
TITLE	CASING OF A STEAM TURBINE	
PRIORITY NA		

DESIGN NUMBER			262974		
CLASS		07-01			
1)ASHISH ARORA (H.U.F.) OZZO HOUSEWARE, 53/B ROAD, BHIMPORE, NANI DA	AN IND /102, SIL MAN, D	DIAN PROPRIETOR LVER INDUSTRIAL DAMAN (U.T.) (INDI	R FIRM AT ESTATE, PAT (A) OF ABOVE	ALIYA ADDRESS	
DATE OF REGISTRATION		2	9/05/2014		
TITLE			JUG		
PRIORITY NA					
DESIGN NUMBER		260757			
CLASS			24-01		
1)KONINKLIJKE PHILIPS UNDER THE LAWS OF THE EINDHOVEN, WHOSE POST-OFFICE AL EINDHOVEN, THE NETHERL	N.V., A KINGD DRESS ANDS	COMPANY ORGA OM OF THE NETH IS HIGH TECH CAN	NIZED AND E IERLANDS, R APUS 5, 5656 A	EXISTING ESIDING AT E	
DATE OF REGISTRATION		03/03/2014			
TITLE		MEDICAL MONITOR		100	
PRIORITY					000
PRIORITY NUMBER		DATE	COUNT	RY	0
002301796-0004		03/09/2013	OHIM		-
DESIGN NUMBER		259356			
CLASS		08-06			
1)PHA INDIA (P) LTD, A C COMPANIES ACT, 1956 HAV C-16 & C-25, SIPCOT INDI SRIPERUMBUDUR, TAMIL N INDIAN	OMPAN VING IT L. PARK, ADU, IN	Y REGISTERED U S REGISTERED OI , IRRUNGATTUKO IDIA-602117; NATIO	NDER THE FFICE AT ITAI, DNALITY:		R
DATE OF REGISTRATION		10/01/2014			
TITLE	HINC	GE FOR VEHICLE B	ACK DOOR		
PRIORITY NA					

DESIGN NUMBER	25	9433	
CLASS	14-01		
1)GM MODULAR PVT. LTD., HAV 405, SHALIMAR MORYA PARK, LOKHANDWALA, ANDHERI (WEST			
DATE OF REGISTRATION	16/0	1/2014	
TITLE	DOO	R BELL	
PRIORITY NA			
DESIGN NUMBER	25	7402	
CLASS	12	2-16	_
1)VOLVO LASTVAGNAR AB, OF SE 405 08 GÖTEBORG, SWEDEN.			
DATE OF REGISTRATION	10/1	0/2013	
TITLE	BUMPER COMPONENT FOR VEHICLE		1 10
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013/0153	11/04/2013	SWEDEN	
DESIGN NUMBER	26	2211	
CLASS	05	5-05	※ 网络、高力·日本
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA. DATE OF REGISTRATION 01/05/2014			
TITLE	TEXTIL	E FABRIC	
PRIORITY NA			

DESIGN NUMBER	259792	
CLASS	25-01	CONSCRETE OF CONSCRETE OF
1) SIMS CERAMIC PVT. LTD. OF ORSUN CERAMIC ZONE, LAI HIGHWAY, MORBI-363 642, GUJARA	KHADHIRPUR ROAD, 8-A, NATIONAL AT, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	29/01/2014	
TITLE	TILE	
PRIORITY NA		
DESIGN NUMBER	262989	
CLASS	06-01	PROFESSION AND ADDRESS
COMPANY), 601 CENTRAL PLAZA, 2/6, SARA BENGAL, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	T BOSE ROAD, KOLKATA - 700020, WEST 30/05/2014 CHAIR	
DESIGN NUMBER	256488	
CLASS	11-02	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	IMITED, A COMPANY INCORPORATED IN LACE OF BUSINESS AT DA-201305, U.P. INDIA.	
DATE OF REGISTRATION	16/09/2013	
TITLE	DECORATIVE	1 個
PRIORITY NA		
DESIGN NUMBER	259436	
---	---	------
CLASS	13-03	
1)GM MODULAR PVT. LTD., HAY 405, SHALIMAR MORYA PARK, LOKHANDWALA, ANDHERI (WEST	VING THEIR OFFICE AT BEHIND HYUNDAI SHOWROOM, [°]), MUMBAI-400 053, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/01/2014	
TITLE	ADAPTOR MULTIPLUG	48 M
PRIORITY NA		
DESIGN NUMBER	262094	
CLASS	06-11	
1) JAIPUR RUGS COMPANY PVT G-250, MANSAROVAR INDUSTR INDIA	A REAL PROPERTY OF	
DATE OF REGISTRATION	28/04/2014	
TITLE	CARPET	
PRIORITY NA		
DESIGN NUMBER	260172	
CLASS	09-03	
1)ABBOTT HEALTHCARE PVT. LTD, AN INDIAN COMPANY HAVING ITS OFFICE AT 4, CORPORATE PARK, SION-TROMBAY ROAD, MUMBAI-400071, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	06/02/2014	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	262198	
CLASS	05-05	1 × 11 × 11 × 11 × 1
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REP RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT T HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA, 01/05/2014 TEXTILE FABRIC	
DESIGN NUMBED	262247	
	202247	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.		A A A A A A A A A A A A A A A A A A A
DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	VAVELEVA AVELAVAVALA
PRIORITY NA		teate televate relevates