# पेटेंट कार्यालय शासकीय जर्नल

# OFFICIAL JOURNAL OF THE PATENT OFFICE

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## **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 01<sup>st</sup> 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

14<sup>th</sup> NOVEMBER, 2014

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	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	🔹 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़		ई. मेल: kolkata-patent@nic.in
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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 14/11/2014

## **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.

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## (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 18<sup>th</sup> 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.

## **Early Publication:**

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.2605/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 14/11/2014

(54) Title of the invention : WIRELESS DATA ACQUISITION FOR AGRICULTURAL FIELD THROUGH A WEARABLE DEVICE

		(71)Name of Applicant :
(51) International classification	:H01Q1/24	1)Dr. Piyush Kuchhal
(31) Priority Document No	:NA	Address of Applicant :S/o Mr. B P Gupta, Yamnotri ,Enclave
(32) Priority Date	:NA	Lane # 2 , Sevla Kala, Chandrabani Road Dehradun-248001
(33) Name of priority country	:NA	Uttarakhand India
(86) International Application No	:NA	2)Sushabhan Choudhury
Filing Date	:NA	3)Rajesh Singh
(87) International Publication No	: NA	4)Anita
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Piyush Kuchhal
(62) Divisional to Application Number	:NA	2)Sushabhan Choudhury
Filing Date	:NA	3)Rajesh Singh
		4)Anita

(57) Abstract :

Present invention relates to a device for collecting information related to field climatic conditions and soil conditions. More particularly present invention relates to a wearable device. The device functions to collect information from the transmitting sections which are deployed in agricultural fields. Transmitter section consist of sensors to collect data from field like temperature/ humidity, soil moisture, water level and quantity of gases present in environment which is useful to the farmer. This invention provides a low cost and low power consumption portable system.

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

(19) INDIA

(22) Date of filing of Application :29/08/2014

(43) Publication Date : 14/11/2014

(54) Title of the invention : A SOUND PROOFING SYSTEM COMPRISING EICHHORNIA CRASSIPES (WATER HYACINTH)

(51) International classification	:E04F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Manik Sharma
(32) Priority Date	:NA	Address of Applicant :S/o Surinder Sharma, Junior Research
(33) Name of priority country	:NA	Fellow, Department of Botanical & Environmental Sciences, Guru
(86) International Application No	:NA	Nanak Dev University, Amritsar-143005 Punjab India
Filing Date	:NA	2)Dr. Ashwani Kumar Thukral
(87) International Publication No	: NA	3)Dr. Renu Bhardwaj
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Manik Sharma
(62) Divisional to Application Number	:NA	2)Dr. Ashwani Kumar Thukral
Filing Date	:NA	3)Dr. Renu Bhardwaj

(57) Abstract :

The present invention relates to plant parts or whole plant Eichhornia crassipes (Water hyacinth) as sound proofing material. More particularly, the present invention relates to a system comprising filing of whole part or plant parts of Eichhornia crassipes between two walls to provide sound proofing.

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

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : A CLEANING SYSTEM (51) International classification :F28G1/12,B08B9/053,B08B9/04 (71)Name of A

(51) International classification	:F28G1/12,B08B9/053,B08B9/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HVS ENGINEERING PTE LTD
(32) Priority Date	:NA	Address of Applicant :1 Bukit Batok Crescent #09 45 Wcega
(33) Name of priority country	:NA	Plaza Singapore 658064 Singapore
(86) International Application No Filing Date	:PCT/SG2010/000374 :01/10/2010	(72)Name of Inventor : 1)CHOW Kok Heng Alex
(87) International Publication No	:WO 2012/044249	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Fluid is circulated through a heat exchange system for heat exchange to occur at a bundle of tubes making up a portion of the heat exchange system. Heat exchange efficiency at the bundle of tubes requires debris and fouling deposits accumulated therewithin to be substantially removed. Taking the heat exchange system off line for physical flushing is not only ineffective but also disallow use of the heat exchange system for the duration it remains off line. Described herein is an embodiment of a cleaning system which uses a displacement system for displacing cleaning balls carried in fluid into the bundle of tubes for cleaning thereof. A flow diverting system is configured and operable for introducing the cleaning balls to the bundle of tubes when in a first operating mode and for retrieving the cleaning balls from the plurality of tubes when in a second operating mode.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SPECTRUM SENSING IN COGNITIVE RADIO NETWORK

(51) International classification	:H04W16/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sardar Vallabhbhai National Institute of Technology
(32) Priority Date	:NA	Address of Applicant :SVNIT Campus, Ichchhanath, Surat,
(33) Name of priority country	:NA	395007 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Vivekanand Mishra
(87) International Publication No	: NA	2)Shubhangi Mahamuni
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

L

(57) Abstract :

The present invention relates to Spectrum sensing in cognitive radio network and more particularly spectrum sensing and spectrum reconstruction for cognitive radio.

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

#### (19) INDIA

(22) Date of filing of Application :08/01/2014

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : UNUSUAL NEUTRAL PH ASSISTED ELECTEROCHEMICAL POLYMERIZATION OF ANILINE TO HIGHLY REDOX ACTIVE AND ELECTROCATALYTIC POLYANILINE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANNAMALAI SENTHIL KUMAR
(32) Priority Date	:NA	Address of Applicant :ENVIRONMENTAL AND
(33) Name of priority country	:NA	ANALYTICAL CHEMISTRY DIVISION, SCHOOL OF
(86) International Application No	:NA	ADVANCED SCIENCES, VELLORE INSTITUTE OF
Filing Date	:NA	TECHNOLOGY UNIVERSITY, VELLORE - 632 014 Tamil
(87) International Publication No	: NA	Nadu India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANNAMALAI SENTHIL, KUMAR
(62) Divisional to Application Number	:NA	2)NANDIMALLA VISHNU
Filing Date	:NA	

#### (57) Abstract :

Unusual electro-polymerization of aniline to highly redox active polyaniline (PANI) in a neutral pH solution has been demonstrated using a carbon nanoparticle (CNP) modified gold electrode (Au/CNP@PANIPH7). The modified electrode showed well-defined surface confined redox peaks corresponding to the molecular transitions of leucoemeraldine/emeraldine and emeraldine/pernigraniline in pH 7 phosphate buffer solution (PBS) along with less capacitate behavior unlike to the conventional acid solution prepared PANI systems! Control experiments with absence of CNP (i.e., Au/PANIPH7) and an acidic medium, pH 2 assisted PANI preparations (i.e., Au/CNP@PANIPH2) resulted to nil and poor redox features respectively. Physicochemical characterizations of the CNP@PANIpH7 film by TEM, Raman spectroscopy, FT-IR and UV-Vis revealed existing of polaron type PANI structure on the CN modified surface. More interestingly the CNP@PANIPH7 showed highly selective electrocatalytic signal to ascorbic acid (AA) at low oxidation potential, -15 mV vs. Ag/AgCl without interference from nitrite, uric acid, dopamine, glucose, cysteine and citric acid in pH 7 PBS. Extended flow injection analysis yielded an excellent AA sensing response with detection limit (signal-to-noise ratio=3) 42 nM, which is better than the conventional acid assisted prepared CNP@PANIPH2 and CNP systems.

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

#### (19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(36) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication Number</li> <li>(87) Elling Date</li> <li>(87) Divisional to Application Number</li> <li>(86) Divisional to Application Number</li> <li>(87) Elling Date</li> <li>(87) Divisional to Application Number</li> <li>(86) Divisional to Application Number</li> <li>(87) Elling Date</li> <li>(87) Divisional to Application Number</li> <li>(87) Divisional to Application Numb</li></ul>	(54) Title of the invention : LAMINATION CONCRET	E	
Filing Date :NA	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:b28b :NA :NA :NA :NA : NA :NA :NA	1)MOORTHY GOKUL Address of Applicant :240, LKC NAGAR, VELLAKOVIL - 638 111, TIRUPUR Tamil Nadu India (72)Name of Inventor :

(57) Abstract :

I claim the method of bonding between the Concrete and Laminating film using cotton attached to the surface of the laminating film, facing the concrete. Where an uncured concrete mix can be poured on the Cotton attached laminating film or the cotton attached laminating film can be pressed against the wet uncured concrete mix or the both can be done at the same time.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : A MULTI PURPOSE FLI	EXIBLE HAN	ND BAG
<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:c30b :NA	(71)Name of Applicant : 1)Raj Bharadwaj
(32) Priority Date (33) Name of priority country	:NA	Address of Applicant :No: 134, Lakkur Complex, Avenue Road, Bangalore-560 002, Karnataka, India
(86) International Application No Filing Date		(72)Name of Inventor : 1)Raj Bharadwaj
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A MULTI-PURPOSE FLEXIBLE HAND BAG, comprising of two pieces. Bottom Container (2) made of fabric, having square profile with provision to expand laterally; on either side of the two lateral portions. Bag can be pulled out or tucked in, operating locking mechanism (C & C1), resulting in a triangular portion projecting out (B). Projected part of bag has triangular profile, base of triangle butting to lateral side of container portion on either sides (B). Top Holder (1) is attached to Bottom Container Portion (2) by virtue of two buckles (7) fixed on top of either end of longitudinal portion of container. Holder length is adjustable, when in singular is long enough to carry bag across the shoulder. When used as a Hand Bag, length of Holder is halved, making it two piece, one overlapping other (1). Length of Holder is varied by virtue of two buckles provided on Holder (8).

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PROCESS FOR PRODUCTION OF ETHANOL BY USE OF CELLULOSIC BIOMASS

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAMAL KUMAR SENGUPTA Address of Applicant :82/57, MAHARAJ NANDA KUMAR ROAD(SOUTH), KOLKATA- 700036. WEST BENGAL, INDIA.</li> <li>2)JAGDISH PRASAD SINGI</li> <li>(72)Name of Inventor :</li> <li>1)KAMAL KUMAR SENGUPTA</li> <li>2)JAGDISH PRASAD SINGHI</li> </ul>
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(57) Abstract :

The present invention relates to a process for producing the ethanol from cellulosic biomass. More particularly, the present invention relates to the process for producing the ethanol from cellulosic biomass, waste paper, and cotton from various sources. Moreover this invention relates to the process for producing the ethanol by simultaneous saccharification and fermentation from lignin free cellulose, waste paper and cotton. This invention relates to the process for producing the ethanol soft producing the ethanol which has the characteristics of energy saving, without a second pollution, and the like and cost effective.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : NON CONVENTIONAL ENERGY GENERATION SYSTEM (51) International classification :H01L31/042 (71)Name of Applicant : 1)SWAPAN KUMAR DAS (31) Priority Document No :NA Address of Applicant :LANE NO.L/7, SHIVALIK PARK (32) Priority Date :NA (33) Name of priority country ROAD, P.O: MEHERPUR, TOWN: SIKHARM, DIST: :NA (86) International Application No CACHAR, STATE: ASSAM, PIN: 780015. Assam India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)SWAPAN KUMAR DAS (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 an energy generation system and in particular, this invention relates to a mechanical and consequent electricity generation system using nonconventional source. More particularly, this present invention relates to a system where the characteristics of liquid as per Pascal's Law and incompressibility of liquid are utilized with a modified loading pattern to obtain continuity of movement of liquid inside a Manometer with the ultimate goal of obtaining a desired Resultant Force so as to utilize this force for gaining mechanical energy and or electrical energy. Furthermore, this invention also relates to an energy generation system which has the beneficial effects of simple process, pollution free, clean and climate friendly energy.

No. of Pages : 20 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GRAVITY AND BUOYANCY ACTUATED RECIPROCATING POWER GENERATING SYSTEM

(51) International classification	:H01L31/042	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BORNALI PHUKAN
(32) Priority Date	:NA	Address of Applicant :HOUSE NO08, ARYA NAGAR,
(33) Name of priority country	:NA	COLLEGE ROAD, GUWAHATI, ASSAM, PIN-781016 Assam
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BORNALI PHUKAN
(61) Patent of Addition to Application Number	:NA	2)DEBAPRASAD HAZARIKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This system for generating hydropower by making utilization of the kinetic energy of an object placed in a fluid when the object changes its position in the fluid due to the affect of gravitational, buoyancy and drag forces on it rather then by converting the potential energy of fluid into kinetic energy of the fluid. The resultant of the gravity, buoyancy and drag forces acting on me object due to the fluid, subjects the object in the fluid to move in a continuous loop of reciprocating motion. This continuous loop of reciprocating motion of the object, which thereby is used to generate electric power. This system can be utilized for the purpose of generation of electrical energy ranging from micro scale to mega scale in an efficient with flexibility to generate captive power in a cost effective and environmentally benign manner. This particular system for generation of electric power by converting the reciprocating of the object in the fluid into rotating motion is termed as DEBONALI system of power generation.

No. of Pages : 28 No. of Claims : 10

## **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.2494/DELNP/2013 A
(19) INDIA		
(22) Date of filing of Application :20/03	/2013	(43) Publication Date : 14/11/2014
(54) Title of the invention : NETWORK		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L12/40,H04L29/08 :10 2010 042 601.6 :19/10/2010 :Germany :PCT/EP2011/066899 :28/09/2011 :WO 2012/052270 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)BLASCHKE Volker</li> <li>2)SCHIRMER Juergen</li> <li>3)LOTHSPEICH Timo</li> <li>4)LORENZ Tobias</li> <li>5)SCHROFF Clemens</li> </ul>

(57) Abstract :

The invention relates to a network having a plurality of levels (72, 74, 76), wherein each level (72, 74, 76) has at least one information node, wherein a number of information nodes in a lower k+lth level (72, 74, 76) are associated with an information node in a kth level (72, 74, 76) arranged above this and are connected to this one information node, wherein an information node in the lower k+lth level (72, 74, 76) is designed to signal to the information node in the kth level (72, 74, 76) arranged above this what information (501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520) the information node in the k+lth level (72, 74, 76) requires, and what information (501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520) the information node in the k+lth level (72, 74, 76) provides.

No. of Pages : 20 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : WATER TREATMENT AND REVITALIZATION SYSTEM AND METHOD

(62) Divisional to Application :NA		:24/08/2011 :WO 2012/027451 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>QWTIP LLC</li> <li>Address of Applicant :223 North Guadalupe Street #462 Santa</li> </ol> </li> <li>Fe New Mexico 87501 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>I)IRVIN Whitaker Ben Sr.</li> <li>HIRSCHFELD Luis Octavio Perez</li> </ol> </li> </ul>	L
Number :NA Filing Date	1 (41110 01			

#### (57) Abstract :

A system and method are provided in at least one embodiment to filter water through a vortex leading into a disk pack turbine having an expansion chamber and outlets into a discharge chamber that leads to at least one discharge port. In a further embodiment the system includes an intake module a vortex module a disk pack turbine module and a motor for driving the disk pack turbine. The intake module brings water into the system and routes the water to the vortex module that speeds up the water into a vortex that flows into the disk pack turbine that discharges into a discharge chamber that leads to at least one discharge port. The disk pack turbine includes a plurality of disks that are spaced apart forming chambers between the disks that provide at least one passageway between the expansion chamber and the discharge chamber.

No. of Pages : 85 No. of Claims : 69

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM AND METHOD FOR SEPARATING FLUIDS AND CREATING MAGNETIC FIELDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/376438 :24/08/2010 :U.S.A. :PCT/US2011/048901 :24/08/2011 :WO 2012/027435 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>QWTIP LLC</li> <li>Address of Applicant :223 North Guadalupe Street #462 Santa</li> </ol> </li> <li>Fe NM 87501 U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>I)IRVIN SR. Whitaker Ben</li> </ol> </li> </ul>
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(57) Abstract :

A system and method in at least one embodiment for separating fluids including liquids and gases into subcomponents by passing the fluid through a vortex chamber into an expansion chamber and then through at least a portion of a waveform pattern present between at least two rotors and/or disks. In further embodiments a system and method is offered for harnessing fields created by a system having rotating rotors and/or disks having waveform patterns on at least one side to produce current within a plurality of coils. In at least one embodiment the waveform patterns include a plurality of hyperbolic waveforms axially aligned around a horizontal center of the system.

No. of Pages : 50 No. of Claims : 39

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM AND METHOD FOR CREATING MULTIMEDIA CONTENT CHANNEL CUSTOMIZED FOR SOCIAL NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N21/63,H04N21/45 :61/377115 :26/08/2010 :U.S.A. :PCT/US2011/049159 :25/08/2011 :WO 2012/027577 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>TALEB Tarik</li> <li>Address of Applicant :Konstanzer Str. 45 69126 Heidelberg</li> </ol> </li> <li>Germany <ol> <li>TALEB Nora</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>TALEB Tarik</li> </ol> </li> <li>TALEB Nora</li> </ul>
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#### (57) Abstract :

The present invention introduces a method system and computer program product for automatically creating and managing a social network consisting of at least one member automatically selecting content according to contextual information about the member(s) of the social network automatically creating and managing a channel of the content for the member(s) of the social network automatically scheduling and managing the playback time of the content of the channel according to contextual information about the member(s) of the social network the features of the channel and the features of the content and delivering the content of the channel to the member(s) of the social network according to the schedule. The system method and computer program product described herein also incorporate different charging strategies that charge a user and give a user incentives and apply a penalty in return of special actions performed by the user.

No. of Pages : 50 No. of Claims : 24

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H02K5/22 :10 2010 041 240.6 :23/09/2010 :Germany :PCT/EP2011/065008	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH</li> <li>Address of Applicant :Postfach 30 02 20 70442 Stuttgart</li> <li>Germany</li> <li>(72)Name of Inventor :</li> </ul>
	:10 2010 041 240.6	
(32) Priority Date	:23/09/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/065008	(72)Name of Inventor :
Filing Date	:31/08/2011	1)FRANK Josef
(87) International Publication No	:WO 2012/038214	2)FUCHS Alexander
(61) Patent of Addition to Application	:NA	3)RAINER Ralf
Number	:NA :NA	4)PICHLER Robert
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : PUMP HAVING AN ELECTRIC MOTOR

(57) Abstract :

The invention relates to a pump having an electric motor, in particular for a motor vehicle, for conveying a fluid, comprising an impeller having conveying elements, by which a rotational movement about an axis of rotation can be executed, a working chamber present on the impeller, an electric motor having a stator (13) and a rotor, wherein the stator (13) comprises a soft magnetic core (32), in particular a laminated stack (33), windings (14) as electromagnets (15) and electric contact elements (34), a housing, wherein the impeller having the conveying elements and the electric motor is arranged within the housing and the pump is preferably integrated in the electric motor or vice versa, by the rotor being formed by the impeller, wherein the electric contact elements (34) are enclosed by a plug-in collar (55) as a sealing sleeve (31) and the plug-in collar (55) is sealed off with respect to the housing by at least one seal (53) on the plug-in collar (55).

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ADMINISTRATION OF LORCASERIN TO INDIVIDUALS WITH RENAL IMPAIRMENT

(51) International classification	:A61K31/55,A61P3/04	(71)Name of Applicant :
(31) Priority Document No	:61/402628	1)ARENA PHARMACEUTICALS INC.
(32) Priority Date	:01/09/2010	Address of Applicant :6166 Nancy Ridge Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121 U.S.A.
(86) International Application No	:PCT/US2011/049936	(72)Name of Inventor :
Filing Date	:31/08/2011	1)ANDERSON Christen M.
(87) International Publication No	:WO 2012/030939	2)SHANAHAN William R.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract :

The present disclosure relates to methods for weight management in an individual in need thereof by determining the level of renal sufficiency of the individual and prescribing or administering a therapeutically effective amount of (R) 8 chloro 1 methyl 2 3 4 5 tetrahydro 1H 3 benzazepine or a pharmaceutically acceptable salt solvate or hydrate thereof to the individual provided that the individual has a level of renal sufficiency selected from the group consisting of: no renal impairment mild renal impairment and moderate renal impairment. In addition the disclosure relates to a method for selecting an individual for treatment with (R) 8 chloro 1 methyl 2 3 4 5 tetrahydro 1H 3 benzazepine or a pharmaceutically acceptable salt solvate or hydrate thereof from a plurality of individuals in need of weight management by determining the level of renal sufficiency of the individual and selecting the individual for treatment with (R) 8 chloro 1 methyl 2 3 4 5 tetrahydro 1H 3 benzazepine or a pharmaceutically acceptable salt solvate or hydrate thereof from a plurality of individuals in need of weight management by determining the level of renal sufficiency of the individual and selecting the individual for treatment with (R) 8 chloro 1 methyl 2 3 4 5 tetrahydro 1H 3 benzazepine or a pharmaceutically acceptable salt solvate or hydrate thereof from a plurality of individuals in need of weight management by determining the level of renal sufficiency of the individual and selecting the individual for treatment with (R) 8 chloro 1 methyl 2 3 4 5 tetrahydro 1H 3 benzazepine or a pharmaceutically acceptable salt solvate or hydrate thereof if the individual has a level of renal sufficiency selected from the group consisting of: no renal impairment mild renal impairment and moderate renal impairment.

No. of Pages : 242 No. of Claims : 33

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COOLING CONTROL APPARATUS AND METHOD FOR BATTERY PACK

(51) International classification	:H01M10/50,G07D7/00,F25D17/00	(71)Name of Applicant : 1)LG CHEM LTD.
(31) Priority Document No	:1020100084145	Address of Applicant :20 Yoido dong Youngdungpo gu Seoul
(32) Priority Date	:30/08/2010	150 721 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/KR2011/006134 :19/08/2011	1)JIN Chang Eon
(87) International Publication No	:WO 2012/030089	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cooling control apparatus for a battery pack according to the present invention comprises: a temperature sensor which measures the temperature of a battery pack; a blower module which makes a cooling medium flow into the battery pack by driving a fan; and a control unit which controls the blower module to be driven so as to allow for different flow rates of the cooling medium to flow into the battery pack depending on the temperature information inputted from the temperature sensor. The present invention drives a differential cooling mechanism according to temperature distribution or the situation of the battery pack so that it is possible to both stabilize battery pack operation and optimize energy utilization for greater efficiency and it is also possible to more effectively troubleshoot the error states of the cooling system of the battery pack and the method can be applied to the battery control and user interfacing thereby making it possible to provide a cooling control apparatus which is more stable and enhances user convenience.

No. of Pages : 32 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 14/11/2014

:C08G14/00	(71)Name of Applicant :
:61/386741	1)ARKEMA INC.
:27/09/2010	Address of Applicant :900 First Avenue King of Prussia
:U.S.A.	Pennsylvania 19406 U.S.A.
:PCT/US2011/053368	(72)Name of Inventor :
:27/09/2011	1)BERTELO Christopher A.
:WO 2012/047613	2)GARCIA LEINER Manuel A.
•NI A	3)DECARMINE Anthony
	4)DEFELICE Scott F.
INA	
:NA	
:NA	
	:61/386741 :27/09/2010 :U.S.A. :PCT/US2011/053368 :27/09/2011 :WO 2012/047613 :NA :NA :NA

#### (54) Title of the invention : HEAT TREATED POLYMER POWDERS

(57) Abstract :

The invention relates to heat treatment of polymorphic semicrystalline or crystallizable polymers to increase the content of the highest melting crystalline form. Such heat treatment results in a polymer powder that has a consistent uniform melting range improved flow and improved durability of the powder particle size for applications that require powder flow at elevated temperatures. In addition to improved powder properties the articles produced from the powders also exhibit better physical properties in both appearance and in mechanical properties. Thus the invention also includes polymer powders and articles produced by the described processes.

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

(21) Application No.2696/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MAGNETIC ACTUATOR WITH A NON MAGNETIC INSERT

<ul> <li>(51) International classification :H01F7/13,H01F7/16,H01H3/28</li> <li>(31) Priority Document No :10010766.3</li> <li>(32) Priority Date :27/09/2010</li> <li>(33) Name of priority country :EPO</li> <li>(86) International Application No :PCT/EP2011/004830         Filing Date :27/09/2011</li> <li>(87) International Publication No :WO 2012/041484</li> <li>(61) Patent of Addition to :NA         Filing Date :NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Zurich Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)REUBER Christian</li> </ul>
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(57) Abstract :

A magnetic actuator unit (100) for a circuit breaker in particular for a medium voltage vacuum circuit breaker is provided comprising a core (101) a coil (105) an actuating shaft (104) a first movable plate (103) and a second movable plate (107). The magnetic actuator unit (100) is adapted for switching the circuit breaker ON and OFF by moving the first movable plate (103) between an ON position and an OFF position. The magnetic actuator unit (100) further comprises a non magnetic flat insert (110) arranged between the core (101) and the second movable plate (107) wherein the non magnetic flat insert (110) and the second movable plate (107) are adapted for adjusting a holding force of the magnetic actuator unit (100) provided by the second movable plate (107) at the OFF position wherein the holding force is sufficient for holding the second movable plate (107) at the ofFF position against the outer forces that are acting on the magnetic actuator unit (100).

No. of Pages : 18 No. of Claims : 11

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61F2/28,A61F2/44,A61B17/70 :61/394107 :18/10/2010 :U.S.A. :PCT/US2011/055109 :06/10/2011 :WO 2012/054240 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)SYNTHES USA LLC</li> <li>Address of Applicant :1302 Wrights Lane East West Chester</li> </ul> </li> <li>Pennsylvania 19380 U.S.A. <ul> <li>2)SYNTHES GMBH</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)APPENZELLER Andreas</li> <li>2)GEDET Philippe</li> <li>3)WEBER Andre</li> <li>4)GERBER Christian</li> </ul> </li> </ul>
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(54) Title of the invention : IMPLANT

(57) Abstract :

An implant comprises a deformable gas tight sack (1). The sack comprises a first chamber (4) in fluid communication with an obturatable opening (2) the chamber filled or tillable with a filling material (12) filling the first chamber. The implant is configured such that when one or both of a gas and fluid surrounding the filling material is removed from the first chamber through the opening a wall of the first chamber forms around and holds the filling material. This causes the implant to transition from a relatively flexible insertion state to a relatively rigid fixation state in which the implant is fixable in the target portions of bone.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MAGNETIC ACTUATOR WITH TWO PIECE SIDE PLATES FOR A CIRCUIT BREAKER (51) International classification (71)Name of Applicant : :H01H50/36 (31) Priority Document No 1)ABB TECHNOLOGY AG :10010812.5 Address of Applicant :Affolternstrasse 44 CH 8050 Z1/4rich (32) Priority Date :27/09/2010 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2011/004829 (72)Name of Inventor : Filing Date :27/09/2011 **1)REUBER** Christian (87) International Publication No :WO 2012/041483 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A magnetic actuator unit (100) for a circuit breaker arrangement (500) in particular for a medium voltage vacuum circuit breaker is provided comprising a coil (101) a core (102) and a movable plate (106). The core (102) is accommodating the coil (101) and has a core element (103) which is arranged between permanent magnets (122) and flanks (104 105) of the core (102). The movable plate (106) is attracted by the core (102) due to the magnetic field of the permanent magnets (122) and the coil (101). The movable plate (106) is actuating the circuit breaker arrangement (500) when being attracted by the core (102). A first attachment element (110) for attaching the magnetic actuator unit (100) to a member of the circuit breaker arrangement (500) is provided wherein the first attachment element (110) is attached to the flanks (104 105) and not to the core element (103) of the core (102).

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

(19) INDIA

(22) Date of filing of Application :19/02/2010

(54) Title of the invention : DRUG CONTAINER AND MULTILAYER FILM

(43) Publication Date : 14/11/2014

		1
(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:2007-189650	1)OTSUKA PHARMACEUTICAL FACTORY INC.
(32) Priority Date	:20/07/2007	Address of Applicant :115 Aza-Kuguhara Tateiwa Muya-
(33) Name of priority country	:Japan	cho Naruto-shi Tokushima 772-8601 Japan
(86) International Application No	:PCT/JP2008/062765	(72)Name of Inventor :
Filing Date	:15/07/2008	1)Fujio INOUE
(87) International Publication No	: NA	2)Isamu TATEISHI
(61) Patent of Addition to Application	:NA	3)Yasushi MORIMOTO
Number		4)Tatsuro TSURUOKA
Filing Date	:NA	5)Yasushi NAGATA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

It is an object of the present invention to provide a drug container excellent in unsealability, gas barrier property, contamination resistance, heat resistance, antiblocking properly and transparency, and to provide a multilayer film for production of the drug container.

No. of Pages : 60 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELECTRONIC THERMOSTAT WITH SAFETY ACTIVATED BY RESISTORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:AN2010A000153 :22/09/2010 :Italy	<ul> <li>(71)Name of Applicant :</li> <li>1)THERMOWATT S.P.A. Address of Applicant :21 Via San Giovanni Battista 60011 Arcevia (Ancona) Italy</li> <li>(72)Name of Inventor :</li> <li>1)CAPITANELLI Claudio</li> <li>2)MORECI Renato</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
8		

(57) Abstract :

The object of the present invention is a thermostat (1) suitable for both the function of thermoregulation and thermal protection. Thermal protection is performed by a bistable bimetallic element (4) activated through one or more resistors (6) seated on the electronic board (8) of said thermostat (1). Said one or more resistors (6) are electrically powered when enabled by the microprocessor of said electronic board (8) when one or more electronic temperature sensors sense the exceeding of the critical safety temperature.

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

(21) Application No.2588/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM FOR CONVERTING WIND ENERGY (51) International classification :F03D3/06,F03D5/00,F03D1/06 (71)Name of Applicant : 1)SAPHON ENERGY LTD (31) Priority Document No :TN2010/0433 Address of Applicant :3 impasse n. 3 Rue Azouz Reba<sup>-</sup> 2092 (32) Priority Date :22/09/2010 El Manar 2 Tunis TUNISIA (33) Name of priority country :TUNISIA (72)Name of Inventor: (86) International Application No :PCT/TN2010/000005 1)AOUINI Anis M. Filing Date :06/10/2010 (87) International Publication No :WO 2012/039688 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract :

The invention consists of a system for converting wind energy (SCEE) into mechanical and then electrical energy. This system (SCEE) is not subject to the theoretical Betz limit (59%). The system (SCEE) has a wheel (F) equipped with a series of blades arranged all around it. The wheel (F) turns in a pivoting connection about a fixed axle (L). Set on the axle (L) a support (E) attaches the end plates of a series of double acting actuating cylinders (D). The cylinder rods of the latter are in a ball jointed connection with the body (A) the purpose of this being to offer the latter a maximum degree of freedom in space. A rigid arm (C) is set on one side of the wheel (F) and held on the other side in a pivoting connection on a U shaped section piece (B). Having a circular satellite movement the latter turns with the wheel (F) while at the same time sliding over a peripheral region of the body (A). When the wind blows against the body (A) the latter pivots with the section piece (B) and pushes on the cylinder rods of the actuating cylinders (D). Having a circular satellite movement the section piece (B) turns sliding over a peripheral region of the body (A) thus changing the fulcrum of the moment of the resultant force of the wind (the pivot connection of the section piece (B)) applied to the body (A). The cylinder rods of the actuating cylinders (D) will therefore be pulled and pushed while at the same time having a cyclic translational movement. Set on the axle (L) and a nacelle (J) chiefly contains a hydraulic motor (H) and an electric generator (G) which can be coupled via a speed multiplier. During the reciprocating movements of the pistons of the actuating cylinders (D) a set of valves allows for a one way flow of hydraulic fluid inside out and back hydraulic circuits either by pulling or pushing. The out and back hydraulic circuits are also connected to the hydraulic motor (H). To keep the system (SCEE) always facing into the wind and allow it to pivot on the mast (1) it can be orientated by a tail vane (K) which is fixed via a support to the nacelle (J).

No. of Pages : 19 No. of Claims : 10

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

(19) INDIA

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR INSPECTING THE RINGS AND NECKS OF CONTAINERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:G01B5/08,G01B7/12,G01B21/10 :10 57791 :28/09/2010 :France :PCT/FR2011/052269 :28/09/2011 :WO 2012/042175 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MSC &amp; SGCC</li> <li>Address of Applicant :1 chemin Des Plattes Zone Artisanale</li> <li>des Plattes F 69390 Vourles France</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>GARIN Jean Franşois</li> <li>PITAVAL Dominique</li> </ol> </li> </ul>
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(57) Abstract :

The invention relates to a device for inspecting the rings and necks of containers comprising a movable element (6) provided with an outer gauge (14) for checking the outside of the ring of the containers and an inner gauge (15) for checking the inside of the ring and neck of the containers. According to the invention the movable element comprises: a system for measuring the position of the movable element (6) relative to the frame; a system (35) for detecting the contact between the inner gauge (15) and the container; a system (37) for detecting the contact between the outer gauge (14) and the container; and a processing unit for determining on the basis of the measurements of the position of the movable element (6) and of the instances of contact between the gauges (14 15) and the container whether or not the size of the rings and/or necks of the containers are acceptable and the types of defects for the containers the sizes of the rings and/or necks of which are not acceptable.

No. of Pages : 27 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR PREPARING PAN CDK INHIBITORS OF THE FORMULA (I) AND INTERMEDIATES IN THE PREPARATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07D239/47 :10 2010 046 720.0 :23/09/2010 :Germany :PCT/EP2011/066295 :20/09/2011 :WO 2012/038411 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)KRGER Joachim</li> <li>2)GRIES Jrg</li> <li>3)LOVIS Kai</li> <li>4)HASSFELD Jorma</li> </ul>
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(57) Abstract :

The invention relates to a novel process for the preparation of pan-CDK inhibitors of the formula (I), and intermediates of the preparation.

No. of Pages : 55 No. of Claims : 10

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : TOOTHED WHEEL ARRANGEMENT AND METHOD FOR PRODUCING A BAYONET FASTENING

classification:F16H55/18,F16H55/06,F16D1/1121(31) Priority Document No:A 1625/2010Lat(32) Priority Date:29/09/2010Lat(33) Name of priority country:Austria(72(86) International Application:PCT/AT2011/0500141No:27/09/20113	<ul> <li>71)Name of Applicant :</li> <li>1)MIBA SINTER AUSTRIA GMBH Address of Applicant :Dr. Mitterbauer Strae 3 A 4663 .aakirchen Austria</li> <li>72)Name of Inventor :</li> <li>1)BUCHLEITNER Helmut</li> <li>2)DICKINGER Karl</li> <li>3)MLLER Alexander</li> <li>4)SIESSL Wolfgang</li> </ul>
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#### (57) Abstract :

The invention relates to a toothed wheel arrangement (1) comprising a main toothed wheel (2) and a toothed wheel (4) that can be rotated relative thereto in the circumferential direction (3), wherein the main toothed wheel (2) comprises a toothed wheel body (25) on which a hub (5) is arranged in a projecting manner in the axial direction so as, firstly, to accommodate a shaft and, secondly, to arrange the rotatable toothed wheel (4) thereon, for which purpose the rotat- 10 able toothed wheel (4) has a cutout (17) coaxial to an axially extending center axis of the main toothed wheel (2), and wherein the main toothed wheel (2) is connected to the rotatable toothed wheel (4) by means of a bayonet fastening (14). The bayonet fastening (14) is formed between the hub (5) and the rotatable toothed wheel (2) and/or between the hub (5) and a spring element (9) bearing on the rotatable toothed wheel (4).

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

(21) Application No.2603/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B61C9/50 :10 2011 011 867.5 :21/02/2011 :Germany :PCT/EP2011/005878 :22/11/2011 :WO 2012/113422 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)VOITH PATENT GMBH</li> <li>Address of Applicant :St. Poeltener Str. 43 89522 Heidenheim</li> </ul> </li> <li>Germany <ul> <li>(72)Name of Inventor : <ul> <li>1)HOEGER Bernhard</li> </ul> </li> </ul></li></ul>
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#### (54) Title of the invention : GEARBOX FOR A RAIL VEHICLE DRIVE TRAIN

(57) Abstract :

The invention concerns a transmission for the drive train of a rail vehicle having an input for connecting a drive motor of the rail vehicle; 5 having an output for connecting the drive wheels of the rail vehicle; having a drive connection between the input and the output which forms a transmission ratio between 5 and 10. The invention is characterised in that the transmission ratio is formed by two transmission stages connected 10 between one another in the drive connection, from which the first transmission stage has a transmission ratio between 1 and 2 and the second transmission stage connected downstream in the drive power flow after the first transmission stage.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ANTIBODIES BINDING HUMAN COLLAGEN II

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/US2011/053250	<ul> <li>(71)Name of Applicant :</li> <li>1)JANSSEN BIOTECH INC. Address of Applicant :800/850 Ridgeview Drive Horsham PA</li> <li>19044 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KEHOE John</li> <li>2)LEE Jennifer</li> </ul>
Filing Date (87) International Publication No	:26/09/2011 <sup>1</sup> :WO 2012/047583	3)ORT Tatiana 4)PICHA Kristen 5)RYAN Mary
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)WHEELER John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to antibodies against human collagen II polypeptides and polynucleotides encoding human collagen II antibodies or fragments thereof and methods of making and using the foregoing.

No. of Pages : 75 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : TRANSMISSION DEVICE TRANSMISSION METHOD AND RECEIVING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H04N13/00,H04N7/173 :2011171398 :04/08/2011 :Japan :PCT/JP2012/067017 :03/07/2012 :WO 2013/018490 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)TSUKAGOSHI Ikuo</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A reception device with a 3D function can 0 A [Vjn ZUU) appropriately acquire corresponding disparity information together with data of overlapping information. 5, A first private data stream (a 2D stream) including data of overlapping information and a second private data stream (a 3D extension stream) including disparity information are included in a multiplexed data stream. Association information associating the f,irst private 10 data stream with the second private data- stream is included in the multiplexed data stream stream. For example, identification information which is common to descriptors describing information related to both of the streams is described as the association information. A reception 15 device with a 3D function at a reception side can efficiently and appropriately extract and decode both of the streams based on the association information.

No. of Pages : 207 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : STATIONARY POWER PLANT IN PARTICULAR A GAS POWER PLANT FOR GENERATING ELECTRICITY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:F02B41/10,F02B63/04,F02G5/02 :10 2011 010 974.9 :10/02/2011 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)VOITH PATENT GMBH Address of Applicant :St. Pltener Str. 43 89522 Heidenheim Germany</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/EP2012/000405 :31/01/2012 :WO 2012/107177	<ul> <li>(72)Name of Inventor :</li> <li>1)GRIESER Jens</li> <li>2)BERGER J<sup>1</sup>/<sub>4</sub>rgen</li> <li>3)BARTOSCH Stephan</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The invention concerns a stationary power plant, in particular a gas power plant, to generate electricity; having an internal combustion engine, comprising a fuel medium inlet and an exhaust gas outlet, whereas an exhaust-gas flow of the internal 10 combustion engine is discharged via the exhaust gas outlet; having an electrical generator, which is driven by the internal combustion engine to generate electricity, and which is coupled or can be coupled to an electrical grid, in order to feed the generated electricity into said grid; having a fuel medium supply, which is connected to the fuel medium inlet; 15 wherein a steam circuit, in which a working medium is circulated by means of a feed pump, is provided, comprising a heat exchanger arranged in the exhaust gas flow, by means of which waste heat of the exhaust gas flow is transferred to the working medium for partially or completely evaporating 20 the working medium, further comprising a condenser, in which the working medium partially or completely condenses. The invention is characterised in that a reciprocating piston expander is provided in the steam circuit, in which 25 the working medium expands to produce mechanical work, and the reciprocating piston expander is connected mechanically to the internal combustion engine and/or the electrical generator by means of a releasable clutch.

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

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : INSULATING GLASS (IG) OR VACUUM INSULATING GLASS (VIG) UNIT INCLUDING LIGHT SOURCE AND/OR METHODS OF MAKING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/US2011/001628 :20/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI</li> <li>48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)VEERASAMY Vijayen S.</li> <li>2)ALVAREZ Jemssy</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/047255 :NA :NA	

#### (57) Abstract :

Certain example embodiments of this invention relate to techniques for. improving the performance of Lambertian and non Lambertian light sources. In certain example embodiments this is accomplished by (1) providing an organic inorganic hybrid material on LEDs (which in certain example embodiments may be a high index of refraction material) (2) enhancing the light scattering ability of the LEDs (e.g. by fractal embossing patterning or the like and/or by providing randomly dispersed elements thereon) and/or (3) improving performance through advanced cooling techniques. In certain example instances performance enhancements may include for example better color production (e.g. in terms of a high CRT) better light production (e.g. in terms of lumens and non Lambertian lighting) higher internal and/or external efficiency etc.

No. of Pages : 40 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LIGHT SOURCE WITH HYBRID COATING DEVICE INCLUDING LIGHT SOURCE WITH HYBRID COATING AND/OR METHODS OF MAKING THE SAME

(51) International classification	:C09D7/00	(71)Name of Applicant :
(31) Priority Document No	:12/923833	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:08/10/2010	Address of Applicant :2300 Harmond Road Auburn Hills MI
(33) Name of priority country	:U.S.A.	48326 U.S.A.
(86) International Application No	:PCT/US2011/001659	(72)Name of Inventor :
Filing Date	:27/09/2011	1)VEERASAMY Vijayen S.
(87) International Publication No	:WO 2012/047263	2)ALVAREZ Jemssy
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

Certain example embodiments of this invention relate to techniques for improving the performance of Lambertian and non Lambertian light sources. In certain example embodiments this is accomplished by (1) providing an organic inorganic hybrid material on LEDs (which in certain example embodiments may be a high index of refraction material) (2) enhancing the light scattering ability of the LEDs (e.g. by fractal embossing patterning or the like and/or by providing randomly dispersed elements thereon) and/or (3) improving performance through advanced cooling techniques. In certain example instances performance enhancements may include for example better color production (e.g. in terms of a high CRI) better light production (e.g. in terms of lumens and non Lambertian lighting) higher internal and/or external efficiency etc.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:201010275509.9	1)ZTE CORPORATION
(32) Priority Date	:03/09/2010	Address of Applicant :ZTE Plaza Keji Road South Hi Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2011/075970	(72)Name of Inventor :
Filing Date	:20/06/2011	1)CHEN Jian
(87) International Publication No	:WO 2012/028012	2)YE Ao
(61) Patent of Addition to Application	:NA	3)MA Miaomiao
Number	:NA :NA	4)DU Xiangwen
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : METHOD AND DEVICE FOR LINK AGGREGATION

(57) Abstract :

The disclosure discloses a method and a device for link aggregation. The method includes: turning off data frame transmittingreceiving functions of all ports; when a timer of a Transmit machine expires, a Selection Logic machine selects a TRUNK for a port, a timer of a Mux machine is set and started, and the Mux machine prepares to add the port to the selected TRUNK; and when the timer of the Mux machine and the timer of the Transmit machine expire simultaneously, the Mux machine adds the port to the selected TRUNK, turns on the data frame transmitting-receiving function of the port according to aggregation state information in a received LACPDU message, and performs application message transmission. The method and the device of the present disclosure ensure simultaneous turning-on of the data frame transmitting-receiving function by properly setting the timer duration of each state machine, thereby reducing application message loss; in case an abnormality occurs at an aggregated link, the data frame transmitting-receiving function is turned off timely, increasing reliability of application message transmission by the aggregated link.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H02J3/38	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 00777	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:31/08/2010	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050324	(72)Name of Inventor :
Filing Date	:29/08/2011	1)GARCIA Jorge Martinez
(87) International Publication No	:WO 2012/028150	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : CONTROL OF ELECTRIC OUTPUT OF A WIND PARK

(57) Abstract :

A method of controlling an electric output of a wind park is carried out jointly by wind turbines with their local wind turbine controllers and a central wind park controller. The central wind park controller generates a reference value for a wind turbine based on the measured value of an electric quantity at a point of common measurement and provides it to the local wind turbine controller. The local wind turbine controller produces a voltage or a reactive power in the electric grid at the location of the wind turbine corresponding to the reference value but which is corrected by a local correction. The local correction takes into account a voltage or a reactive power change expected at the point of common measurement for the electric current supplied by the wind turbine due to the electric impedance of the grid connection to the point of common measurement.

No. of Pages : 48 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROTEIN OR PEPTIDE PRINTING METHOD PROTEIN OR PEPTIDE ARRAY AND FUNCTIONAL PROTEIN OR FUNCTIONAL PEPTIDE IDENTIFICATION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> </ul>	:C12N15/00,C07K17/14,C12P21/02 :2010191060 :27/08/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)The University of Tokyo Address of Applicant :3 1 Hongo 7 chome Bunkyo ku Tokyo</li> <li>1138654 Japan</li> <li>2)NIKON CORPORATION</li> <li>(72)Name of Inventor :</li> </ul>
No Filing Date (87) International Publication No	:25/08/2011	1)ICHIKI Takanori 2)BIYANI Manish 3)SHIONO Hirofumi
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

The present invention relates to a protein or peptide printing method, comprising (a) a step for preparing nucleic acids and an acellular protein synthesis system in a microengraved plate composed of microscopic grooves having a specific opening shape, (b) a step for superimposing a substrate on the microengraved plate so as to contact a protein or peptide to be synthesized in the microscopic grooves, and (c) a step for synthesizing the protein or peptide from the nucleic acids using the acellular protein synthesis system in the microscopic grooves, and immobilizing the protein or peptide on the substrate along the specific opening shapes of the microscopic grooves.

No. of Pages : 57 No. of Claims : 12

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

:F24J2/10,F24J2/14	(71)Name of Applicant :
:20100100470	1)KOURTIS George
:27/08/2010	Address of Applicant : Thrakis 5 GR 15233 Chalandri Athens
:Greece	Greece
:PCT/IB2011/053769	2)ADIGIOUZEL Maria
:29/08/2011	(72)Name of Inventor :
:WO 2012/042407	1)KOURTIS George
.NT 4	2)ADIGIOUZEL Maria
:INA	
:NA	
:NA	
	:20100100470 :27/08/2010 :Greece :PCT/IB2011/053769 :29/08/2011 :WO 2012/042407 :NA :NA :NA

#### (54) Title of the invention : SOLAR ENERGY PRODUCTION

#### (57) Abstract :

The system described collects solar radiation and produces electrical energy or mechanical energy that may be converted to electrical. The mechanical version has the capability to store energy for later use using compressed air. The system comprises: a) A field of reception reflection concentration and absorption of solar radiation based on the parabolic trough paradigm. It uses a rotating catenary reflector with receiver fixed to it or a dynamically tilted catenary type reflector or a fixed catenary reflector with rotating (splitted) collector. The main idea is to have a very cheap system for very big installations. b) A concentrated photo voltaic collector or a heat engine for the transformation of the temperature differential to mechanical energy. That engine makes use of a novel expansion compression element. The element may be used in compressed air motors (e.g. for air cars and other utilities) compressors Stirling Ericsson engines solar compressors refrigerators compressed air generators UPS systems. By a devised method the element is applied to convert legacy engines (gasoline Diesel compressors) to being pro pulsed by compressed air at high efficiency By another any fixed displacement motor may be equipped with efficient variable power functionality and variable power regenerative breaking. The last method is used inside the solar heat engine in order to couple the compressor and expander part of the heat engine at variable power ratio being able to generate compressed air or consume it depending on needs.

No. of Pages : 92 No. of Claims : 28

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(51) International classification:A61B5/00,A61C19/00(71)Name of Applicant :(31) Priority Document No:61/4551521)NESTEC S. A.(32) Priority Date:15/10/2010Address of Applicant :Avenue Nestle 55 CH 1800 Vevey(33) Name of priority country:U.S.A.Address of Applicant :Avenue Nestle 55 CH 1800 Vevey(86) International Application No:PCT/US2011/001727(72)Name of Inventor :Filing Date:06/10/20111)SMITH Rebecca(87) International Publication No:WO 2012/0506022)BLAIR Thomas J.(61) Patent of Addition to Application:NA3)NOTTINGHAM William	(54) Title of the invention : ORAL ENGAGEMENT ASSEMBLIES		
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B5/00,A61C19/00 :61/455152 :15/10/2010 :U.S.A. :PCT/US2011/001727 :06/10/2011 :WO 2012/050602 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S. A. Address of Applicant :Avenue Nestle 55 CH 1800 Vevey Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)SMITH Rebecca</li> <li>2)BLAIR Thomas J.</li> </ul>

(57) Abstract :

The invention provides oral engagement assemblies and methods of using the oral engagement assemblies. In a general aspect the oral engagement assembly includes a mouthpiece comprising a handle and a support attached to the handle. A diagnostic receptacle is insertable into the mouth piece to form the oral engagement assembly. One or more diagnostic sensors can be fixedly or releasably inserted into the diagnostic receptacle. The invention also provides kits useful for making the oral engagement assemblies and using such oral engagement assemblies for diagnosing a condition or disease in the animal.

No. of Pages : 24 No. of Claims : 55

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B65D85/804	(71)Name of Applicant :
(31) Priority Document No	:10188699.2	1)NESTEC S.A.
(32) Priority Date	:25/10/2010	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/068321	(72)Name of Inventor :
Filing Date	:20/10/2011	1)DOGAN Nihan
(87) International Publication No	:WO 2012/055751	2)GOUX Samuel
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : A CAPSULE FOR PREPARATION OF A BEVERAGE

(57) Abstract :

The present invention is directed to a capsule (1) for delivering a drink by injecting a pressurized fluid into the capsule comprising: a hollow body and an injection wall (4) which is impermeable to liquids and to gas and which is attached to the body and adapted to be punctured by an injection means (2) foreign to the capsule a chamber (5) containing a bed of at least one food substance to be extracted means (7 9 10) for retaining the internal pressure in the said chamber said means comprising a pierceable membrane (7) characterized in that said capsule (1) further comprises a secondary means (12) for maintaining the bed of substance at a distance d from said pierceable membrane (7) said distance d being at least 1 mm preferably at least 2 mm more preferably at least 3 mm and in that the pressure retaining means comprise: the pierceable membrane (7) raised elements (9) which open the said membrane (7) in order to create punctures and allow the liquid extract to pass through the punctures; the punctures in the membrane (7) being obtained under the effect of the rise in pressure in the chamber (5) of the capsule (1).

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURFACE COATED SINTERED BODY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/JP2011/069546 :30/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO ELECTRIC HARDMETAL CORP. Address of Applicant :1 1 Koyakita 1 chome Itami shi Hyogo 6640016 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SETOYAMA Makoto</li> <li>2)OKAMURA Katsumi</li> <li>3)TSUKIHARA Nozomi</li> </ul>
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

This surface coated sintered body comprises a cubic boron nitride sintered body and a surface coating layer that is formed on the surface of the cubic boron nitride sintered body. This surface coated sintered body is characterized in that: the cubic boron nitride sintered body contains 20 99.5% by volume of cubic boron nitride and a binder; the surface coating layer comprises an adhesion layer and one or more hard coating layers; the adhesion layer is a metal layer that contains at least W and is formed so as to cover at least a part of the surface of the cubic boron nitride sintered body; the hard coating layers are formed so as to cover the cubic boron nitride sintered body and the adhesion layer; and the ratio of cubic boron nitride particles in contact with the adhesion layer relative to the total number of cubic boron nitride particles in contact with the adhesion layers on the surface of the cubic boron nitride sintered body.

No. of Pages : 53 No. of Claims : 12

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : MACHINE TOOL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:B23B31/117,B23B31/06,B23Q3/155 :2010190218 :27/08/2010 :Japan :PCT/JP2011/068684 :18/08/2011 :WO 2012/026392 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KOMATSU NTC LTD. Address of Applicant :100 Fukuno Nanto city Toyama</li> <li>9391595 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKASE Akira</li> <li>2)HIROSHIMA Koji</li> <li>3)UENO Koji</li> </ul>
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#### (57) Abstract :

A machine tool which can timely perform an operation of clamping a tool holder in synchronization with movement of a main shaft by using a simple arrangement without using hydraulic pressure is provided. The machine tool includes a main shaft device (10) which is movable between a tool change position (Pi) and a 10 working position. The main shaft device (10) includes a clamping mechanism (17) which clamps the tool holder (11) and a cam plate (30) which actuates the clamping mechanism (17). The clamping mechanism (17) is brought into an undamped state by rotating the cam plate (30) while keeping the cam plate in contact with a fixed abutment surface (41) so as to push a draw bar (15) in synchronization with an 15 operation of moving the main shaft device (10) to the tool change position (Pi).

No. of Pages : 16 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : REFORMER TUBE APPARATUS HAVING VARIABLE WALL THICKNESS AND ASSOCIATED METHOD OF MANUFACTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C21B11/00 :NA :NA :NA :PCT/US2010/055541 :05/11/2010 :WO 2012/060838 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MIDREX TECHNOLOGIES INC. Address of Applicant :2725 Water Ridge Parkway Suite 100</li> <li>Charotte NC 28217 U.S.A.</li> <li>2)METALTEK INTERNATIONAL INC.</li> <li>(72)Name of Inventor :</li> <li>1)CROUCH Philip</li> <li>2)GAPINSKI Gerald</li> <li>3)SMICKLEY Robert</li> <li>4)VOELKER Brian W.</li> <li>5)WHITTEN Gilbert Y.</li> </ul>
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#### (57) Abstract :

A reformer tube apparatus includes an axially aligned tubular structure including a flange section a top section a middle section and a bottom section. The top section of the axially aligned tubular structure includes a first portion having a first wall thickness a second portion having a second wall thickness and a third portion having a transitioning wall thickness that joins the first portion to the second portion. The flange section includes a concentric flange disposed about a top portion thereof. The bottom section of the tubular structure includes a plurality of concentric wedge structures disposed about the interior thereof. The bottom section of the tubular structure also includes a recess disposed about the exterior thereof. The axially aligned tubular structure further includes a secondary flange section coupled to the flange section wherein the secondary flange section includes a concentric flange disposed about a top portion thereof.

No. of Pages : 18 No. of Claims : 24

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(36) International Application No</li> <li>Filing Date</li> <li>(37) International Publication No</li> <li>(38) NA</li> <li>(39) VOSSMANN Gregor</li> <li>(30) VOSSMANN Gregor</li> </ul>	(54) Title of the invention : FITTING FO	R A VEHICLE SEAT	
Filing Date :NA	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:B60N2/235 :10 2010 046 728.6 :22/09/2010 :Germany :PCT/EP2011/004302 :26/08/2011 :WO 2012/038020 :NA :NA	<ol> <li>KEIPER GMBH &amp; CO. KG Address of Applicant :Hertelsbrunnenring 2 67657 Kaiserslautern Germany</li> <li>Name of Inventor : 1)BECKER Martin</li> <li>PETERS Christoph</li> </ol>

(57) Abstract :

In a fitting (10) for a vehicle seat in particular for a motor vehicle seat having a first fitting part (11) and a second fitting part (12) which fitting parts can be rotated relative to one another about an axis (A) wherein a toothed ring (17) is formed on one of the fitting parts (11 12) and guide segments (14) for guiding bolts (16) are formed on the other of the fitting parts (11 12) having a rotatably mounted eccentric (27) which acts on the radially displaceable bolt (16) which then interacts with the toothed ring (17) in order to lock the fitting part (12) the second fitting part (35) which acts on the eccentric (27) and is arranged in a central receptacle in the second fitting part (12) the second fitting part (12) has a guide part (12c) having the guides (14) and a cover (12d) for covering the spring arrangement (35) wherein the guide part (12c) and the cover (12d) are formed separately and are connected to one another.

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

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SIGHTING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	n:G02B23/10,G02B27/34,F41G1/34 :A 1568/2010 :21/09/2010 :Austria :PCT/EP2011/066275 :20/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)MB MICROTEC AG Address of Applicant :Freiburgstrasse 624 CH 3172</li> <li>Niederwangen bei Bern Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)JAKOB Daniel</li> </ul>
(87) International Publication No	:WO 2012/038396	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A sighting device (1), which is provided for aligning an apparatus connected to the sighting device (1) by aligning an axis of the sighting device (1) with a sight axis, having a self-luminous light source (2), an optical waveguide element (3) for collecting ambient light and a reticle (4) illuminated by the collected ambient light and/or the selfluminous light source (2), characterized in that provision is made for at least one optical 10 beam deflection means (5) which is superposed on and/or coupled to the optical waveguide element (3) and the artificial light source (2), wherein the at least one beam deflection means (5) is designed to deflect the light from the artificial light source (2) and the collected ambient light and decouple it in a common emergence direction and/or to project it in the direction of the reticle (4), wherein the reticle is illuminated or formed 15 by the decoupled light.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B65D51/00,B65D17/00	(71)Name of Applicant :
(31) Priority Document No	:A 1723/2010	1)XOLUTION GMBH
(32) Priority Date	:15/10/2010	Address of Applicant : Unterhachinger Strasse 75 81737
(33) Name of priority country	:Austria	M <sup>1</sup> /4nchen Germany
(86) International Application No	:PCT/EP2011/067955	(72)Name of Inventor :
Filing Date	:14/10/2011	1)BRATSCH Christian
(87) International Publication No	:WO 2012/049280	
(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 : A METHOD FOR PRODUCING FILLED AND RECLOSABLE PRESSURE VESSELS

(57) Abstract :

The invention relates to a filled and reclosable pressure vessel in which a body is filled with a fluid non detachably closed with a lid element (10 100) and subjected to a heat treatment with a lid surface (11 110) and a closure means (14) made of plastics as a lid element (10 100) and at least one seal (16) arranged on the closure means (14) the lid element (10 100) being arranged in such a way that the closure means (14) faces the interior of the sealed pressure vessel wherein the lid surface (11 110) and the closure means (14) are arranged in such a way that the lid surface (11 110) has a first distance (al) from a first reference plane (E1) which substantially extends through the at least one sealing surface (16a) on the first surface (111) of the lid surface (11 110) and the closure means (14) extends at a second distance from a second reference plane which extends through the at least one seal (16) with the first distance (al) being chosen to be larger than the second distance.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

:A23F5/00	(71)Name of Applicant :
:61/378612	1)CP KELCO U.S. INC.
:31/08/2010	Address of Applicant :3100 Cumberland Boulevard Suite 600
:U.S.A.	Atlanta GA 30339 U.S.A.
:PCT/US2011/049367	(72)Name of Inventor :
:26/08/2011	1)CLARK Ross
:WO 2012/030651	2)HAYDEN Harold
.NT A	
:NA	
:NA	
:NA	
	:61/378612 :31/08/2010 :U.S.A. :PCT/US2011/049367 :26/08/2011 :WO 2012/030651 :NA :NA :NA

## (54) Title of the invention : XANTHAN GUM WITH FAST HYDRATION AND HIGH VISCOSITY

(57) Abstract :

Xanthomonas campestris campestris This disclosure provides for xanthan gum polymer and methods of making thereof having enhanced properties such as improved hydration tolerance hydration rates and/or viscosity properties as compared to conventional xanthan gum while maintaining beneficial xanthan gum properties such as enzyme stability and shear stability. The organism used in the fermentation to produce the disclosed xanthan gum typically is a. strain of pathovar . These and other aspects of the xanthan gum are described.

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

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

# (54) Title of the invention : METHOD AND APPARATUS FOR MICRO HYDROCYCLONE PURIFICATION FOR FLUE GAS CARBON DIOXIDE CAPTURE SYSTEM

(51) International classification	:B01D53/78,B01D53/62,B01D50/00	(71)Name of Applicant : 1)SHANGHAI HUACHANG ENVIRONMENTAL
(31) Priority Document No	:201110085039.4	PROTECTION CO. LTD
(32) Priority Date	:06/04/2011	Address of Applicant :No. 19 Lane 188 Maoting Road
(33) Name of priority countr	y:China	Songjiang Industrial Zone Shanghai 201611 China
(86) International	:PCT/CN2011/078899	2)RESEARCH INSTITUTE OF NANJING CHEMICAL
Application No	:25/08/2011	INDUSTRIAL GROUP
Filing Date		(72)Name of Inventor :
(87) International Publication	<sup>n</sup> ·WO 2012/126020	1)WANG Hualin
No	. WO 2012/130039	2)MAO Songbai
(61) Patent of Addition to	:NA	3)SHEN Qisong
Application Number	:NA	4)YE Ning
Filing Date	.NA	5)ZHANG Yanhong
(62) Divisional to	:NA	6)WANG Jiangang
Application Number	:NA	7)SHEN Ling
Filing Date	.187	8)CUI Xin

#### (57) Abstract :

Provided are a method and an apparatus for micro hydrocyclone purification for a flue gas carbon dioxide capture system. The method comprises: performing gas liquid micro hydrocyclone separation with ultralow pressure drop on scrubbed flue gas to remove aerosol particulates entrained in the flue gas; performing gas liquid micro hydrocyclone separation with ultralow pressure drop on off gas vented from the top of an absorption column to remove entrained aerosol particulates; performing gas liquid micro hydrocyclone separation with ultralow pressure drop on cooled regeneration gas to remove entrained aerosol particulates; and performing liquid solid and liquid liquid two stage micro hydrocyclone separation on a mixed amine solution lean for carbon dioxide discharged from a regeneration column to remove entrained solid particulates and machine oil. The apparatus comprises: a water scrubbing column (1) rotational flow separators (2 7 12) liquid solid micro hydrocyclone separator sets (3 1 3 2 3 3 8 1 8 2 8 3) a water scrubbing tank (4) a absorption column (6) a regeneration column (9) liquid solid micro hydrocyclones (15 16) and liquid liquid micro hydrocyclones (17 18).

No. of Pages : 33 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : GUIDE ARRANGEMENT AND MACHINE TOOL COMPRISING SUCH A GUIDE ARRANGEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:22/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)GLEASON PFAUTER MASCHINENFABRIK GMBH Address of Applicant :Daimlerstrasse 14 71636 Ludwigsburg Germany</li> <li>(72)Name of Inventor :</li> <li>1)ADLER Kai</li> <li>2)GRESSLER Sabrina</li> <li>3)ERNST Martin</li> <li>4)KOHLER Dietmar</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Guide arrangement, specifically for a machine tool, serving to guide a linear movement of a movable part- (2) extending 5 opposite a stationary part (1) along the movement axis and along a transverse direction oriented at a right angle to the movement axis, wherein the guide arrangement includes a support area belonging to the stationary part, on which support area the movable part is slidingly supported against a 10 holding force that acts in a normal direction orthogonal to the directions in which the movable part extends, and wherein the guide arrangement further includes a roller guide arrangement (12) with a roller-guiding area belonging to the stationary part, wherein a load originating from the movable 15 part and having a load component oriented in the opposite direction of the holding force and acting on the rollerguiding area causes within the stationary part a loading effect along a load propagation path leading to the support area, and wherein said load propagation path comprises a path 20 section with a force component directed against the load component in the normal direction.

No. of Pages : 33 No. of Claims : 19

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : SILANE FUNCTIONALIZED HYDROCARBON POLYMER MODIFIERS FOR ELASTOMERIC COMPOSITIONS

#### (57) Abstract :

An elastomeric composition and method incorporating a hydrocarbon polymer modifier with improved permanence. The composition comprises elastomer filler and silane functionalized hydrocarbon polymer modifier (Si HPM) adapted to couple the Si HPM to the elastomer filler or both wherein the Si HPM comprises an interpolymer of monomers chosen from piperylenes cyclic pentadienes aromatics limonenes pinenes amylenes and combinations thereof. The method comprises melt processing a mixture to form the elastomeric composition in the shape of an article wherein the mixture comprises elastomer Si HPM silica bifunctional organosilane crosslinking agent; and curing the elastomeric composition to form the article. Also disclosed are a silylated hydrocarbon polymer modifier coupled with a bifunctional organosilane crosslinking agent and a silica coupled hydrocarbon polymer modifier coupled to the silica via the bifunctional organosilane crosslinking agent.

No. of Pages : 44 No. of Claims : 25

(19) INDIA

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

(54) Title of the invention : BEVERAGE CARTRIDGE

#### (43) Publication Date : 14/11/2014

:B65D85/804	(71)Name of Applicant :
:12/874459	1)KEURIG INCORPORATED
:02/09/2010	Address of Applicant :55 Walkers Brook Drive Reading MA
:U.S.A.	01867 3272 U.S.A.
:PCT/US2011/050186	(72)Name of Inventor :
:01/09/2011	1)WINKLER Karl T.
:WO 2012/031106	2)LAI Shih Hao
•NI A	3)PASQUINI Richard
INA	
:NA	
:NA	
	:12/874459 :02/09/2010 :U.S.A. :PCT/US2011/050186 :01/09/2011 :WO 2012/031106 :NA :NA :NA

(57) Abstract :

A method system and cartridge for forming a beverage includes a cartridge (10) having a container (12) defining an interior space (14) a lid (38) a filter (30) and a beverage medium (20) contained in the interior space. The filter may be attached to the lid only and extend into the interior space to separate first (14a) and second (14b) chambers of the cartridge. The filter may hold the beverage medium and be arranged so that when the lid is removed from the container e.g. by peeling the lid from the container the filter and beverage medium are removed together with the lid.

No. of Pages : 44 No. of Claims : 62

(19) INDIA

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

(43) Publication Date : 14/11/2014

(31) Priority Document No:1057531(32) Priority Date:21/09/2010(33) Name of priority country:France	<ul> <li>(71)Name of Applicant : <ol> <li>VALEO MATERIAUX DE FRICTION Address of Applicant :Zone Industrielle Nord Rue Thimonier </li> <li>F 87020 Limoges France  </li> <li>(72)Name of Inventor : 1)BOUTAUD Jean Pierre </li> <li>2)BRAULT Cyril 3)ALIX Isabelle </li> <li>4)JUILLARD Eric 5)VICTOR Thierry </li> <li>6)DENIS Pascal</li> </ol></li></ul>

(57) Abstract :

The invention relates to a friction disk (1) for a clutch comprising friction linings (2) supported by metal mountings (3) and attached to a disk (4) by rivets (8) which are welded at one end (9) thereof onto the lining mountings (3) and which extend into openings of the disk (4) the other ends (10) of the rivets (8) comprising flanges (10) engaging with the disk. Each lining (2) thusly attached to the disk (4) is free of holes or openings aligned with the rivets (8) that attach said lining onto the disk (4).

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ARRANGEMENT AND METHOD FOR THE COMPENSATION OF A MAGNETIC UNIDIRECTIONAL FLUX IN A TRANSFORMER CORE :H01F29/14 (71)Name of Applicant : (51) International classification **1)SIEMENS AG –STERREICH** (31) Priority Document No :NA Address of Applicant :Siemensstrae 90 A 1210 Wien Austria (32) Priority Date :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No :PCT/EP2010/064393 **1)HAMBERGER Peter** Filing Date :29/09/2010 2)LEIKERMOSER Albert

:WO 2012/041367

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

Number

The invention relates to an arrangement for reducing the unidirectional flux fraction in the core of a transformier comprising: a compensation winding (3) that is magnetically coupled to the core (4) of the transformer a DC generator (1) arranged in series with the compensation winding (3) and a reactance dipole (5) wherein the reactance dipole (5) is formed by a parallel circuit of an inductivity and a capacitor in order to feed a compensating current (I) into the compensation winding (3) the action of said compensating current being directed opposite to the unidirectional flux fraction in the core (4). The arrangement is characterized in that -the inductivity is formed by a first winding (6) that is magnetically coupled to a second winding (7) the ratio being formed from the winding number N of the second winding (7) and the winding number N of the first winding (6) according to the relation N/N < 11 the first winding (6) is connected with its one end to the DC generator (1) and with its other end to the compensation winding (3) and the second winding (7) is mounted in parallel with the capacitor (C).

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

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : SCROLL FLUID MACHINE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F04C18/02,F04C29/02 :2010222772 :30/09/2010 :Japan :PCT/JP2011/069089 :24/08/2011 :WO 2012/043099 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ANEST IWATA Corporation <ul> <li>Address of Applicant :3176 Shinyoshida cho Kohoku ku</li> </ul> </li> <li>Yokohama shi Kanagawa 2238501 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)SATO Toru</li> <li>2)ASAMI Junichi</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A disc-like spacer 78 arranged below a first roller bearing 54 rotatably supporting a driven crankshaft 52 that forms an anti-rotation system 50 is formed with a plurality of notches 78a in the circumferential direction. A spot face 80 is provided to face the outer circumferential surface of the spacer 78, and communication holes 82 and 86 are drilled on the outer circumferential side of the spot face 80 to extend in the axial direction of the scroll. Also formed is a communication hole communicating the communication hole 86 with the first roller bearing 54 via the notches 78a. A grease nipple 88 is mounted to the communication hole 86. To replenish grease, the fixed scroll 10 is removed from the housing 40 such that the orbiting scroll 20 is exposed, and grease is injected from the grease nipple 88 into the first roller bearing 54 with a grease gun.

No. of Pages : 24 No. of Claims : 4

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : HIGH VOLTAGE PROBE APPARATUS AND METHOD FOR TIRE INNER SURFACE ANOMALY DETECTION

#### (57) Abstract :

A tire testing apparatus and method for detecting anomalies in the surface of a tire is disclosed. A high voltage probe having a conductive spring electrode is placed adjacent a portion of a tire surface such that the conductive spring electrode is compressed against the surface of the tire. Relative motion is imparted between the high voltage probe and the surface of the tire. An electrical discharge occurs between the high voltage probe and a reference electrode at the location of an anomaly on the surface of the tire. The apparatus and method are configured to determine a precise azimuthal and radial position on the tire of the electrostatic discharge. The conductive spring electrode can have a length sufficient to ensure contact with a given point on the tire surface during a charge cycle for the high voltage probe at increased tire surface speeds.

No. of Pages : 30 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHODS INCLUDING LATENT 1 3 DIPOLE FUNCTIONAL COMPOUNDS AND MATERIALS PREPARED THEREBY

(31) Priority Document No:61/386841FOUNI Addided(32) Priority Date (33) Name of priority country:27/09/2010Athens (72)Nat 1)BO(86) International Application No:PCT/US2011/053487 :27/09/20112)FR 3)LE	UNIVERSITY OF GEORGIA REASERCH UNDATION INC. Address of Applicant :Boyd Graduate Studies Research Center ens GA 30602 7411 U.S.A. Name of Inventor : BOONS Geert Jan FRISCOURT Frdric LEDIN Petr A. MBUA Ngalle Eric
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(57) Abstract :

Methods that include latent 1 3 dipole functional compounds are disclosed herein. The latent 1 3 dipole functional compound (e.g. an oxime) can be used to form an active 1 3 dipole functional compound (e.g. a nitrile oxide) that can be used to react with a cyclic alkyne in a dipolar cycloaddition reaction.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

:26/09/2011 :WO 2012/044576	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON INC. Address of Applicant :U.S. Route #22 Somerville NJ 08876</li> <li>(0151 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HRISTOV Krasimira</li> <li>2)CHEN Gavin</li> <li>3)GUO Jianxin</li> </ul>
:U.S.A.	11
:PCT/US2011/053242	(72)Name of Inventor :
:26/09/2011	1)HRISTOV Krasimira
:WO 2012/044576	2)CHEN Gavin
·NΔ	3)GUO Jianxin
	4)MATRUNICH James A.
.117	
:NA	
:NA	
	:12/891019 :27/09/2010 :U.S.A. :PCT/US2011/053242 :26/09/2011 :WO 2012/044576 :NA :NA :NA

## (54) Title of the invention : COLUMELLAR STRUT FOR NASAL TIP SUPPORT

(57) Abstract :

Novel bioabsorbable columellar strut implants are disclosed. The struts are useful in rhinoplasty and nasal reconstruction surgical procedures. The devices have opposed lateral sides (20 40) connected to a spine (30) member to form a tissue receiving channel.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : POWER CONTROL DEVICE POWER CONTROL METHOD AND FEED SYSTEM (51) International classification :G05F1/67,H02J7/35 (71)Name of Applicant : 1)SONY CORPORATION (31) Priority Document No :2010227143 (32) Priority Date :07/10/2010 Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2011/070942 (72)Name of Inventor : Filing Date :14/09/2011 1)YOKOYAMA Masayuki (87) International Publication No :WO 2012/046549 2)MIYASHIRO Tomotaka (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 power control device including a power path switching unit, a voltage conversion unit, a characteristic measurement circuit, and a control unit, wherein the power path switching unit forms a path in which an output of the power generating element is connected to the storage element side by connecting the power generating element to the voltage conversion unit, or a path in which the power generating element is directly connected to the storage element side according to the path switching signal.

No. of Pages : 98 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (51) International classification (71)Name of Applicant : :H04N7/173 (31) Priority Document No :2010224959 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 (32) Priority Date :04/10/2010 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2011/005567 (72)Name of Inventor : Filing Date :03/10/2011 1)SAKAI Yusuke (87) International Publication No :WO 2012/046432 2)KONDO Masao (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 : INFORMATION PROCESSING APPARATUS INFORMATION PROCESSING SYSTEM AND INFORMATION PROCESSING METHOD

(57) Abstract :

To provide an information processing apparatus, an information processing system and an information processing method which can readily point to an arbitrary position on image information for other users. [Solution] The information processing apparatus includes a captured image input unit 202 receiving from an image capturing apparatus 104, a captured image I1 capturing a user positioned in front of a display apparatus 102, a detecting unit 204 detecting a users face from the captured image, and generates position information indicating a face position, a pointing image generating unit 212 generating a pointing image I3 including information which enables a position the user points to using a pointing object H to be specified, and information which enables the user to be identified, a superimposed image generating unit 214 generating a superimposed image I4 in which the pointing image is superimposed on a content image IC based on the position information, a display control unit 216 making the display apparatus display the superimposed image, and a transmitting unit 210 transmitting the captured image to another information processing apparatus to display the superimposed image using the another information processing apparatus connected through a communication line 800.

No. of Pages : 38 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (71)Name of Applicant : (51) International classification :H04L25/02 (31) Priority Document No 1)SONY CORPORATION :2010220328 (32) Priority Date Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 :30/09/2010 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2011/071563 (72)Name of Inventor : Filing Date :22/09/2011 1)TOBA Kazuaki (87) International Publication No :WO 2012/043351 2)SUZUKI Kazuyoshi (61) Patent of Addition to Application 3)ICHIMURA Gen :NA Number 4)HAYASHI Toshihide :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (54) Title of the invention : TRANSMISSION APPARATUS TRANSMISSION METHOD RECEPTION APPARATUS RECEPTION METHOD TRANSMISSION/RECEPTION SYSTEM AND CABLE

(57) Abstract :

To enable signal transmission at a high data rate while securing backward compatibility. A source device 110 and a sink device 120 are 5 connected by an HDMI cable 200. The source device 110 is compatible with both current HDMI and new HDMI. The number of differential signal channels for transmitting digital signals such as video data is three in the current HDMI, but is six in the new HDMI, for example. 10 In a case where the cable 200 is compatible with the new HDMI, and the sink device 120 is compatible with the new HDMI, a control unit 113 of the source device 110 controls a data transmitting unit 112 to operate in a new HDMI operating mode. In a case where the control unit 15 113 determines that at least the sink device 120 is compatible only with the current HDMI, or at least the cable 200 is compatible with the control unit 113 controls the data transmitting unit 112 to operate in a current HDMI operating mode.

No. of Pages : 77 No. of Claims : 25

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURGICAL INSTRUMENTS AND BATTERIES FOR SURGICAL INSTRUMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> </ul>	:A61B17/072,H02J7/00,H01M2/10 :12/884838 :17/09/2010 :U.S.A. :PCT/US2011/051366	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHELTON IV Frederick E.</li> </ul>
No Filing Date	:13/09/2011	2)SCHWEMBERGER Richard F. 3)ABBOT Daniel J.
(87) International Publication No	:WO 2012/037103	4)SMITH Bret W. 5)YATES David C.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)SCHLEITWEILER Patrick M. 7)BOURDREAUX Chad B.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Various embodiments are directed to battery packs for use with surgical instruments. The battery packs may comprise a plurality of cells and at least a portion of the plurality of cells may not be electrically connected to one another. The battery packs may comprise a switch or other mechanism for interconnecting the plurality of cells and may also comprise or be used in conjunction with a discharge switch or plug configured to electrically connect an anode of the battery pack to a cathode of the battery pack for example via a resistive element.

No. of Pages : 104 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (51) International classification :H04N13/00,H04N7/173 (71)Name of Applicant : :2011171398 (31) Priority Document No 1)SONY CORPORATION (32) Priority Date :04/08/2011 Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 (33) Name of priority country :Japan Japan (86) International Application No :PCT/JP2012/067016 (72)Name of Inventor: Filing Date :03/07/2012 1)TSUKAGOSHI Ikuo (87) International Publication No :WO 2013/018489 (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 : TRANSMISSION DEVICE TRANSMISSION METHOD AND RECEIVING DEVICE

(57) Abstract :

Disparity information is transmitted such that J reception processing of a legacy 2D-compatible receiving apparatus is not interrupted. A multiplexed data stream includes a first private data stream (2D stream) including superimposition information data and a second private data stream (3D extension stream) including disparity information. A first descriptor and a second descriptor including respective pieces of language information corresponding to the first private data stream and the second private data stream are inserted into the multiplexed data stream. The language information included in the second descriptor represents a non-language. Based on the language information, the legacy 2D-compatible receiving apparatus can extract only the 2D stream from the multiplexed data stream and decode the 2D stream easily with a high accuracy. That is, since the 3D extension stream is not decoded, the reception processing can be prevented from being interrupted by the decoding.

No. of Pages : 177 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR RECONSTRUCTING A THREE DIMENSIONAL MODEL OF THE PHYSICAL STATE OF A MONITORING OBJECT AT A MEASUREMENT POINT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA :NA :PCT/RU2010/000484 :07/09/2010 :WO 2012/033425 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ADVANCED VECTOR ANALYTICS SIA Address of Applicant :Slokas 183 11 LV 1067 Riga Russia</li> <li>(72)Name of Inventor :</li> <li>1)SPERANSKIY Anatoly Alekseevich</li> <li>2)PROKHOROV Alexander Igorevich</li> </ul>
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to the field of continuum mechanics and is intended for evaluating the stress strain state of objects in mechanical systems. The method comprises measuring a spatial vibration storing a set of vectorial strain values and reproducing a spatial hodograph of the measurement point. Furthermore in synchronism with the measurements analytical synthesis of 3D superposition of the measurement spectrum is performed and a set of vectorial stress values is stored. Diagnostics of the stress strain state of the object are performed on the basis of a visual model presented in the form of a spatial three dimensional graph of the physical state of a monitoring object at a measurement point which in associated form represents Hooke s law and Poisson law. The invention makes it possible to represent in real time the current life of the structural strength of the monitoring object and to increase the information content and reliability of the evaluation of the physical state of monitoring objects.

No. of Pages : 15 No. of Claims : 1

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BIOSTATIC NEUTRALIZING COMPOSITION FOR AQUEOUS FLUIDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:27/09/2011 :WO 2012/045958 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARKEMA FRANCE <ul> <li>Address of Applicant :420 Rue dEstienne dOrves F 92700</li> </ul> </li> <li>Colombes France <ul> <li>(72)Name of Inventor :</li> <li>1)LALLIER Jean Pierre</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a biostatic neutralizing composition for aqueous fluids including two amines one of which is dihydroxyethylamine. The invention also relates to the use of such a composition as a biostatic neutralizing additive for industrial aqueous fluids. The invention further relates to the industrial aqueous fluids containing such a composition.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : ELECTRICAL CONTACT ARRANGEMENT FOR VACUUM INTERRUPTER ARRANGEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Eiling Date</li> </ul>	:10010460.3 :24/09/2010 :EPO :PCT/EP2011/004774 :23/09/2011 :WO 2012/038090 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 Z¼rich Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GENTSCH Dietmar</li> <li>2)LAMARA Tarek</li> </ul>
Filing Date	:NA	

(57) Abstract :

A vacuum interrupter for a circuit breaker arrangement comprising a cylindrically shaped insulating part (1) within which a pair of electrical contact parts (2a 2b) are coaxially arranged and concentrical surrounded by the insulating part (1) wherein the electrical contact parts (2a 2b) comprise means for initiating a disconnection arc only between corresponding inner contact elements (8a 8b) after starting a disconnection process and corresponding outer contact elements (9a 9b) comprise means for commutate said arc from the inner contact elements (8a 8b) to the outer contact elements (9a 9b) until the disconnection process is completed wherein each inner electrical contact element (8a;8b) is designed as a TMF like contact element for generating mainly a transverse magnetic field and each outer electrical contact element (9a;9b) is designed as an AMF like contact element for generating mainly an axial magnetic field.

No. of Pages : 23 No. of Claims : 16

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : COATING COMPOSITION HAVING A HIGH SOLIDS CONTENT AND GOOD LEVELLING AND ALSO MULTILAYER SURFACE COATINGS PRODUCED THEREFROM AND THEIR USE

(51) International classification (21) Priority Decument No.	:08018/10,08018/02,08018/71	(71)Name of Applicant : 1)BASF COATINGS GMBH Address of Applicant (Classritateores 1 48165 Ml/roter
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:61/415357 :19/11/2010	Address of Applicant :Glasuritstrasse 1 48165 M <sup>1</sup> / <sub>4</sub> nster Germany
(32) Name of priority countr		(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/070033 :14/11/2011	1)GROENEWOLT Matthijs 2)MLLER Jrg
(87) International Publication No	<sup>n</sup> :WO 2012/065942	
(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 coating composition based on aprotic solvents and comprising 5 at least one oligomeric and/or polymeric, hydroxylcontaining compound (A), at least one compound (B1) having at least one silane 10 group of the formula (I) -X-Si-RXG3-X (I) with 15 G = identical or different hydrolyzable groups, X = organic radical, more particularly linear and/or branched alkylene or cycloalkylene radical having 1 to 20 carbon atoms, R = alkyl, cycloalkyl, aryl or aralkyl, it being 20 possible for the carbon chain to be interrupted by nonadjacent oxygen, sulfur or NRa groups, with Ra = alkyl, cycloalkyl, aryl or aralkyl, x = 0 to 2, 25 and at least one compound (B2) which is different from the component (B1) and has at least 2 isocyanate groups per molecule, 30 wherein BASF Coatings GmbH, Munster PF 71431 PCT - 2 - the compound (B2) contains uretdione groups, and the compound (B2) has been prepared from a linear aliphatic diisocyanate (DI). 5 The present invention additionally provides multistage coating methods using these coating compositions, and the use of the coating compositions as clearcoat, and application of the coating method for automotive refinish and/or for the coating of plastics substrates.

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

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : POLYMERS OF ISOBUTENE FROM RENEWABLE SOURCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08F10/10,C07C7/12,C08F2/00 :61/388785 :01/10/2010 :U.S.A. :PCT/CA2011/050616 :30/09/2011 Vo:WO 2012/040859 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany</li> <li>2)LANXESS INC.</li> <li>(72)Name of Inventor :</li> <li>1)DAVIDSON Gregory J. E.</li> <li>2)ARSENAULT Gilles</li> <li>3)FOELLINGER Thomas</li> <li>4)SCHENKEL Ralf Ingo</li> <li>5)KULBABA Kevin</li> <li>6)WATSON Jessica Lee</li> </ul>
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(57) Abstract :

The present invention is directed to a method for preparing isobutene from a renewable source and their use in the preparation of renewable polymers. The invention also discloses purification of isobutene selective removal of 1 butene cis 2 butene and trans 2 butene using microporous adsorbent material and the oligomerization of the purified liquid isobutene yielding diisobutenes and triisobutenes.

No. of Pages : 31 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : VEHICLE SEAT IN PARTICULAR COMMERCIAL VEHICLE SEAT (51) International classification :B60N2/50,B60N2/52 (71)Name of Applicant : 1)KEIPER GMBH & CO. KG (31) Priority Document No :10 2010 046 799.5 (32) Priority Date :22/09/2010 Address of Applicant :Hertelsbrunnenring 2 67657 (33) Name of priority country :Germany Kaiserslautern Germany :PCT/EP2011/004303 (72)Name of Inventor : (86) International Application No Filing Date :26/08/2011 **1)REICHEL Uwe** (87) International Publication No :WO 2012/038021 (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 vehicle seat (1), in particular a commercial vehicle seat, comprising a scissor-type frame (3), which can swing and the height of which can be adjusted, a gas spring (12), at least one pair of rockers (8a, 8b), which cross o at a scissor axis (10), and a control device (20) for regulating the level and adjusting the height of the scissor-type frame, wherein 00 said control device comprises a control element (26), a valve device (24) for Controlling the gas spring (12), and which can be controlled by the control element (26), a switching element (23) that can be moved relative to the control element (26) or relative to the valve device (24), and a bearing (22d) for the switching element (23), wherein the control element (26) and the valve device (24) are kinematically associated with parts of the scissor-type frame (3) that can be moved relative to each other. According to the invention, the control element (26) is coupled to a first rocker (8a) of the pair of rockers (8a, 8b) by means of a coupler (21), the bearing (22d) is connected to a second rocker (8b) of the pair of rockers (8a, 8b) at a distance from the scissor axis (10), and the valve device (24) is connected to the switching element (23) that can be moved relative to the control element (26).

No. of Pages : 19 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:F16D3/205,F16D3/84	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GKN Driveline International GmbH
(32) Priority Date	:NA	Address of Applicant :Hauptstrae 130 53797 Lohmar
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2010/006437	(72)Name of Inventor :
Filing Date	:21/10/2010	1)DEISINGER Markus
(87) International Publication No	:WO 2012/052043	2)NEVIANI Claude
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : FOLDING BELLOWS ARRANGEMENT FOR A TRIPOD JOINT UNIT

(57) Abstract :

A folding bellows arrangement (100) for a tripod joint unit is described comprising a joint outer part (40) with a groove (44); a folding bellows (60) with a joint collar region (62) for attachment to said joint outer part (40) said joint collar region (62) comprising a joint binder seat region (64); and an adapter ring (10) with an inner surface (14) that is matching in a cross section to an outer contour of said joint outer part (40) characterised in that on an inner area (66) of said joint collar region (62) and within said joint binder seat region (64) of said folding bellows (60) at least one bead (72) is arranged said bead (72) matching a groove (16) arranged on an outer area (12) of said adapter ring (10) wherein said groove (16) of said adapter ring (10) corresponds to an at least one first sealing lip (18) arranged on an inner area (14) of said adapter ring (10) and wherein on said inner area (14) of said adapter ring (10) at least one second sealing lip (20) is arranged said first and second sealing lips (18 20) being arranged within said groove (44) of said joint outer part (40).

No. of Pages : 19 No. of Claims : 14

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : NBON FILM METHOD FOR PRODUCING NBON FILM HYDROGEN GENERATION DEVICE AND ENERGY SYSTEM PROVIDED WITH SAME

	201G33/00,B01J27/24,B01J35/02 011169238 2/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)PANASONIC CORPORATION</li> <li>Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka</li> </ul>
(33) Name of priority country :Ja	apan	5718501 Japan
No Filing Date :01 (87) International Publication	CT/JP2012/004901 1/08/2012 VO 2013/018366	<ul> <li>(72)Name of Inventor :</li> <li>1)NOMURA Takaiki</li> <li>2)SUZUKI Takahiro</li> <li>3)MIYATA Nobuhiro</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	IA IA	4)HATO Kazuhito

(57) Abstract :

This NbON film generates a photocurrent when irradiated with light. Preferably this NbON film is a single phase film. This oxygen generation device (600) is provided with: an optical semiconductor electrode (620) comprising an conductor (621) and the NbON film (622) which is arranged atop the conductor (621); a counter electrode (630) electrically connected to the conductor (621); an electrolytic solution (640) that contains water the electrolytic solution being in contact with the NbON film (622) and with the surface of the counter electrode (630); and a container (610)for housing the optical semiconductor electrode (620) the counter electrode (630) and the electrolytic solution (640); and irradiating the NbON film (622) with light causes hydrogen to be generated.

No. of Pages : 39 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:10189061.4	1)NESTEC S.A.
(32) Priority Date	:27/10/2010	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/068363	(72)Name of Inventor :
Filing Date	:20/10/2011	1)HUILLET Frdrique
(87) International Publication No	:WO 2012/055765	2)AGON Fabien Ludovic
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : BEVERAGE MACHINE WITH A HANDY OUTLET

(57) Abstract :

A machine (1) for preparing a beverage comprises: a mixing unit (10) for receiving a capsule (5) containing a pre portioned flavouring ingredient; a liquid circuit (20) for circulating a liquid from a liquid reservoir (25) into the mixing unit for mixing said flavouring ingredient and said liquid to form the beverage(6); a beverage outlet (30) for dispensing such beverage upon formation to a beverage dispensing area (35) for supporting a user cup or a user mug (100); and a carrying handle (50) for seizing and carrying such machine single handed. The carrying handle (50) in particular when seized single handed during such carrying: extends over and above said beverage dispensing area (35); and/or has a seizure surface (51) forming a loop (52) in cross section around the mixing unit (10) and/or the beverage outlet (30) the seizure surface being seizable by a single human hand (2) over a predominant part of the cross sectional loop (52).

No. of Pages : 20 No. of Claims : 15

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

(21) Application No.2612/DELNP/2013 A

(43) Publication Date : 14/11/2014

:A23K1/00	(71)Name of Applicant :
:61/404277	1)NESTEC S.A.
:30/09/2010	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
:U.S.A.	Switzerland
:PCT/US2011/001684	(72)Name of Inventor :
:29/09/2011	1)ALBUJA Mario Guillermo
:WO 2012/047276	2)LEIWEKE Michael Edward
.NT A	
INA	
:NA	
:NA	
	:61/404277 :30/09/2010 :U.S.A. :PCT/US2011/001684 :29/09/2011 :WO 2012/047276 :NA :NA :NA

#### (54) Title of the invention : MULTI TEXTURED ANIMAL TREATS

(57) Abstract :

The invention provides multi textured animal treats and methods for making the multi textured animal treats. In a general aspect the multi textured animal treat includes a hard component comprising a mechanical joint and one or more soft components fixedly attached to the mechanical joint and wrapped around the hard component. The soft components can include an adhesive or a combination of adhesives and mechanical joints for providing an additional attachment mechanism to the hard component.

No. of Pages : 28 No. of Claims : 113

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BEVERAGE MACHINE FOR DIFFERENT SPATIAL ENVIRONMENTS

(51) International classification		(71)Name of Applicant :
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:10189105.9 :27/10/2010	1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(32) Fibrity Date (33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/068365	(72)Name of Inventor :
Filing Date	:20/10/2011	1)CAHEN Antoine
(87) International Publication No	:WO 2012/055767	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A beverage preparation machine (1) comprising: a body (2) having one or more outer faces (21 22) and a beverage outlet for delivering a beverage on a beverage dispensing area (27); and a module (3) operatively connected to the body adjacent to one of said one or more outer faces. The module is movable into a plurality of different operative connection positions along said one or more outer faces of the body.

No. of Pages : 17 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : USE OF LYSOSOMAL ACID LIPASE FOR TREATING LYSOSOMAL ACID LIPASE DEFICIENCY IN PATIENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) Priority Date</li> <li>(35) Name of priority Country</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(39) International</li> <li>(38) International</li> <li>(39) International</li> <li>(38) International</li> <li>(39) International</li> <li>(39) International</li> <li>(38) International</li> <li>(39) International</li> <li>(39) International</li> <li>(31) International</li> <li>(32) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(38) International</li> <li>(39) International</li> <li>(39) International</li> <li>(31) International</li> <li>(32) International</li> <li>(31) International<th><ul> <li>(71)Name of Applicant :</li> <li>1)SYNAGEVA BIOPHARMA CORP. Address of Applicant :128 Spring Street Suite 520 Lexington Massachusetts 02421 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)QUINN Anthony</li> </ul></th></li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNAGEVA BIOPHARMA CORP. Address of Applicant :128 Spring Street Suite 520 Lexington Massachusetts 02421 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)QUINN Anthony</li> </ul>
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(57) Abstract :

The present invention provides treating LAL deficiency (e.g. Wolman s disease CESD) comprising administering to a mammal a therapeutically effective amount o lysosomal acid lipase with an effective dosage frequency. Methods of improving growth and liver function increasing LAL tissue concentration and increasing LAL activity in a human patient suffering from LAL deficiency are also provided

No. of Pages : 97 No. of Claims : 65

(19) INDIA(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD AND SYSTEM OF ARCHIVING VIDEO TO FILM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)THOMSON LICENSING <ul> <li>Address of Applicant :1 5 rue Jeanne dArc F 92130 Issy les</li> </ul> </li> <li>Moulineaux France <ul> <li>(72)Name of Inventor :</li> <li>1)KUTCKA Chris Scott</li> <li>2)PINES Joshua</li> <li>3)REDMANN William Gibbens</li> </ul> </li> </ul>
(87) International Publication No	:WO 2012/051483	4)CERUNDOLO Vince 5)SCHNEIDER Robert Paul
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A method and system are disclosed for archiving video content to film and recovering the video from the film archive. Video data corresponding to the content and a characterization pattern associated with the data are provided as encoded data which is recorded onto a film for producing a film archive. The characterization pattern contains spatial temporal and colorimetric information relating to the video data and provides a basis for recovering the video content from the film archive.

No. of Pages : 38 No. of Claims : 20

(21) Application No.2784/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BLADE EDGE EXCHANGEABLE CUTTING TOOL

#### (51) International classification:B23C5/06,B23B27/16,B23B51/00 (71)Name of Applicant: 1) TUNGALOY CORPORATION (31) Priority Document No :2010221295 Address of Applicant :11 1 Yoshima Kogyodanchi Iwaki shi (32) Priority Date :30/09/2010 (33) Name of priority country Fukushima 9701144 Japan :Japan (72)Name of Inventor: (86) International Application :PCT/JP2011/072626 1)KONTA Shizue No :30/09/2011 Filing Date (87) International Publication :WO 2012/043822 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A cutting edge exchange type cutting tool is provided which can suppress a variation of the position of a cutting edge due to turning moments of a plurality of different directions acting on a cutting insert by a fastening force of a screw or a force of a cutting resistance during a cutting work. A chip seat (21) has a bottom surface (26) and first and second wall surfaces (22, 24). A cutting insert (30) has a first inclined surface part (35) and a second inclined surface part (36). In the first wall surface (22), a first abutting part (23) which abuts on the first inclined surface part (35) is formed. In the second wall surface (24), a second abutting part (25) which abuts on the second inclined surface part (36) is formed. The first and second inclined surface parts (35, 36) are formed with flat surfaces. The first inclined surface part (35) is inclined at an obtuse angle to the bottom surface (26). The second inclined surface part (36) is inclined at an acute angle to the bottom surface (26).

No. of Pages : 34 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:10178997.2 :23/09/2010 :EPO :PCT/EP2011/063692 :09/08/2011 :WO 2012/038146 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HACH LANGE GMBH Address of Applicant :Knigsweg 10 14163 Berlin Germany</li> <li>(72)Name of Inventor :</li> <li>1)LENHARD Markus</li> <li>2)BATTEFELD Manfred</li> <li>3)GASSNER Bernd</li> <li>4)DE HEIJ Baas</li> <li>5)HANSCHKE Clemens</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)DE HEIJ Baas
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : METHOD FOR DETERMINING AN ANALYTE IN AN AUTOMATED MANNER

(57) Abstract :

The invention relates to a method for determining an analyte of a liquid sample in an automated manner in a cylindrical cuvette (12) in a liquid analysis device (10). The cuvette (12) has a reagent, which reacts with the analyte in a color-changing manner, and a onedimensional or two-dimensional barcode (18) and a twodimensional icon (20) on the outside of the cuvette. The liquid analysis device (10) has a photometer (24), a rotation apparatus (44) for rotating the inserted cuvette (12), a line scan or area scan camera (21) for reading the barcode (18) and the icon (20), a calibration data memory (33) and an input apparatus (32) for manually inputting calibration data associated with the reagent. The method steps according to the invention are: the cuvette (12) is rotated and the icon (20) is aligned with the camera (22), the icon (20) is read using the camera (22), the icon which has been read is compared with a model of the icon stored in the liquid analysis device (10), if the icon which has been read does not correspond to the icon model: the input apparatus (32) for manually inputting the calibration data is activated and the liquid sample is subjected to photometry on the basis of the calibration data which have been manually input or the calibration data stored in the calibration data memory (33). The icon may be a product or manufacturer identification. This ensures that the calibration data stored in the calibration data memory (33) are used if a cuvette from the relevant manufacturer is involved.

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

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : POLYURETHANE COATING COMPOSITION MULTILAYER SURFACE COATINGS HAVING A MATT SURFACE PRODUCED THEREFROM AND PROCESSES FOR PRODUCING THE MULTILAYER SURFACE COATINGS

(57) Abstract :

The invention relates to coating compositions based on organic solvents and comprising at least one hydroxylcontaining compound (A), at least one crosslinking agent (B) having groups reactive toward hydroxyl groups, and at least one silica gel based matting agent (M), wherein (i) the matting agent (M) is surface-modified with one or more waxes, and (ii) the coating composition further comprises at least one hydrophobic silica based rheological assistant (R) The present invention further provides multistage coating methods using these coating compositions, and also the use of the coating compositions as clearcoat or application of the coating method for automotive OEM finishing, for the finishing of parts for installation in or on automobiles, and for automotive refinishing.

No. of Pages : 83 No. of Claims : 15

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MULTILAYER FILTER MEDIUM FOR USE IN FILTER AND FILTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:B01D39/10,D04H1/559,F02M35/024	<ul> <li>(71)Name of Applicant :</li> <li>1)MAHLE Filter Systems Japan Corporation Address of Applicant :9 12 Kita otsuka 1 chome Toshima ku Tokyo 1710004 Japan</li> <li>2)TEIJIN LIMITED</li> <li>(72)Name of Inventor :</li> <li>1)HAMADA Yuiti</li> <li>2)SUZUKI Mitutosi</li> <li>3)ISHII Hiroyuki</li> <li>4)INAGAKI Kenji</li> </ul>
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(57) Abstract :

Providedare a multilayer filter medium for use in a filter, which makes it possible to obtain a filter having high collection efficiency, low pressure loss and a long filter lifetime, and a filter using the multilayer filter medium for use in a filter. A multilayer filter medium for use in a filter, which is used as a constituent member of a filter and has a multilayer structure, comprising a wet type nonwoven fabric layer A containing 0.5 to 20% by weight, based on layer weight, of short-cut nanofibers which are composed of a fiber-forming thermoplastic polymer, have a single fiber diameter (D) of 100 to 1,000 nm and are cut so that the ratio (L/D) of the length (L) to the single fiber diameter (D) is within the range of 100 to 2,500 and core-sheath conjugate type binder fibers having a single fiber diameter of 5 um or more, and a nonwoven fabric layer B having a lower density than that of the wet type nonwoven fabric layer A; and a filter using the multilayer filter medium for use in a filter and having the nonwoven fabric layer B arranged on a fluid inlet side.

No. of Pages : 48 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/03/2012

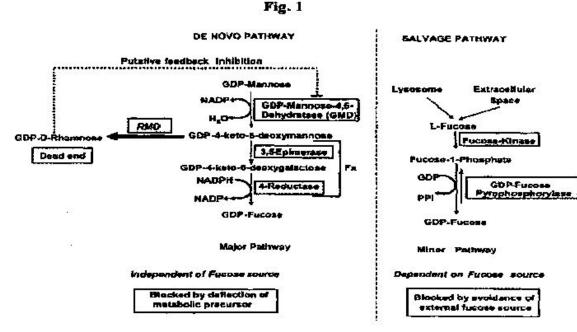
(43) Publication Date : 14/11/2014

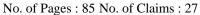
(54) Title of the invention : PROCESS FOR PRODUCING MOLECULES CONTAINING SPECIALIZED GLYCAN STRUCTURES

(51) International classification	:C12N 15/53	(71)Name of Applicant :
(31) Priority Document No	:61/244,624	1)SANDIG, VOLKER
(32) Priority Date	:22/09/2009	Address of Applicant :BUCHHORSTER STRASSE 5, 13185
(33) Name of priority country	:U.S.A.	BERLIN, GERMANY.
(86) International Application No	:PCT/EP2010/005772	(72)Name of Inventor :
Filing Date	:21/09/2010	1)SANDIG, VOLKER
(87) International Publication No	:WO 2011035884	2)VON HORSTEN, HANS, HENNING
(61) Patent of Addition to Application	:NA	3)OGOREK, CHRISTIANE
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to cells for producing a molecule lacking fucose, having a reduced amount of fucose, or having other atypical sugars on its glycomoieties. It also relates to methods for producing a molecule lacking fucose, having a reduced amount of fucose, or having other atypical sugars on its glycomoieties using said cells and to molecules obtainable by said methods. The present invention further relates to molecules having an artificial glycosylation pattern.





(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONDUCTIVE OPEN FRAMEWORKS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application Ne Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:27/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)THE REGENTS OF THE UNIVERSITY OF</li> <li>CALIFORNIA <ul> <li>Address of Applicant :1111 Franklin Street 5th Floor Oakland</li> </ul> </li> <li>CA 94607 5200 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)YAGHI Omar M.</li> <li>2)WAN Shun</li> <li>3)DOONAN Christian J.</li> <li>4)WANG Bo</li> <li>5)DENG Hexiang</li> </ul> </li> </ul>
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(57) Abstract :

The disclosure relates generally to materials that comprise conductive covalent organic frameworks. The disclosure also relates to materials that are useful to store and separate gas molecules and sensors.

No. of Pages : 128 No. of Claims : 31

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H02K9/19	(71)Name of Applicant :
(31) Priority Document No	:12/868712	1)CLEAN WAVE TECHNOLOGIES INC.
(32) Priority Date	:25/08/2010	Address of Applicant :650 Castro St. Suite 120 329 Mountain
(33) Name of priority country	:U.S.A.	View CA 94041 U.S.A.
(86) International Application No	:PCT/US2011/048235	(72)Name of Inventor :
Filing Date	:18/08/2011	1)GARRIGA Rudolph
(87) International Publication No	:WO 2012/027191	2)KUBIC Michael
(61) Patent of Addition to Application	NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SYSTEMS AND METHODS FOR FLUID COOLING OF ELECTRIC MACHINES

(57) Abstract :

The invention provides systems and methods for cooling and lubrication of high power density electric machines with an enhanced fluid injection system. Multiple fluid flow passages may be provided within the electric machine which may include a stator fluid flow pathway between the stator and the machine housing. The stator fluid flow pathway may comprise one or more passages which may allow a fluid to directly contact the stator and the rotor. A method for cooling the electric machine may include directing a fluid to flow through one or more passages between the stator and the housing which may provide the opportunity to transfer heat from the stator and the rotor.

No. of Pages : 54 No. of Claims : 46

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONVERSION OF VEGETABLE OILS TO BASE OILS AND TRANSPORTATION FUELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:C10G50/00,C10L1/02,C10M101/04 :12/871722 :30/08/2010 :U.S.A. :PCT/US2011/049341 :26/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC. Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MILLER Stephen Joseph</li> </ul>
Filing Date (87) International Publication No	<sup>n</sup> :WO 2012/030646	
(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 directed to methods (processes) and systems for processing triglyceride containing biologically derived oils to provide for base oils and transportation fuels wherein partial oligomerization of fatty acids contained therein provide for an oligomerized mixture from which the base oils and transportation fuels can be extracted. Such methods and systems can involve an initial hydrotreating step or a direct isomerization of the oligomerized mixture.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : LIQUID DEGASSING MEMBRANE CONTACTORS COMPONENTS SYSTEMS AND RELATED METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B01D35/22 :61/387292 :28/09/2010 :U.S.A. :PCT/US2011/053625 :28/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CELGARD LLC Address of Applicant :13800 South Lakes Drive Charlotte NC 28273 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)TAYLOR Gareth P.</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/050870 :NA :NA :NA :NA	<ul> <li>2)BOULDIN Elmer Wayne Jr.</li> <li>3)PRICE Timothy D.</li> <li>4)VIDO Tony R.</li> </ul>

#### (57) Abstract :

In at least certain embodiments, the present invention is directed to contactors, modules, components, systems, and/or methods of manufacture, and/or methods of use including degassing liquids. In at least particular possibly preferred embodiments, the contactor or module is integrally potted, has planar, disc shaped end caps, and a cylindrical housing or shell receiving and supporting a membrane structure. In at least particular possibly preferred embodiments, each of the planar disc shaped end caps has a central opening therein adapted to receive a liquid end port or nozzle, another opening therein adapted to receive a gas end port or threaded pipe, and is held in place in the housing or shell by at least one retaining element such as a retaining or locking ring. In at least particular possibly preferred embodiments, the integrally potted membrane structure is potted in place in the housing or shell by an inverted potting process involving the use of a removable plunger or plug to recess the potting.

No. of Pages : 97 No. of Claims : 17

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A NOVEL BIOMASS COMBUSTION BASED HEATING DEVICE OF CLEAN-COMBUSTION TYPE AND METHOD OF WORKING FOR SAME

(51) International classification	:F23B60/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
(33) Name of priority country	:NA	COMPLEX, LODI ROAD, NEW DELHI-110003 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. P RAMAN
(87) International Publication No	: NA	2)MR. R C PAL
(61) Patent of Addition to Application Number	:NA	3)MR. I H REHMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION GENERALLY RELATES TO THE FIELD OF STOVES, BURNERS AND HEATING SYSTEMS DRIVEN BY NON-CONVENTIONAL ENERGY TRANSFER MECHANISMS, FOR INSTANCE THROUGH THE COMBUSTION OF BIOMASS GENERATED FROM AGRICULTURAL WASTES. IN PARTICULAR, THE INVENTION IS DIRECTED TOWARDS A BIOMASS COMBUSTION BASED HEATING SYSTEM OR HEATING DEVICE FOR USE IN DOMESTIC AND SMALL SCALE SECTORS, AND USES THE CLEAN COMBUSTION MECHANISM FOR HEATING OF BIOMASS OBTAINED FROM AGRICULTURAL WASTES AS A SOURCE OF ENERGY TO DRIVE THE HEATING SYSTEM.

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

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : GENERATION OF MIXED DIISOCYANATES BY PHOSGENATION OF SOY BASED METHYL AMINO ESTERS

<ul> <li>(51) International classification</li> <li>:C07C265/14,C07C263/10,C09J175/06</li> <li>(31) Priority Document No:61/377727</li> <li>(32) Priority Date</li> <li>:27/08/2010</li> <li>(33) Name of priority country</li> <li>:U.S.A.</li> <li>(86) International</li> <li>:PCT/US2011/047971</li> <li>:16/08/2011</li> <li>:16/08/2011</li> <li>:16/08/2011</li> <li>:WO 2012/027162</li> <li>WO 2012/027162</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> <li>:Piling Date</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)INVENTURE RENEWABLES INC. Address of Applicant :P.O. Box 861417 202 Aime Bldg. University of Alabama 720 2nd Street Tuscaloosa AL 35486 0012 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)TEGEN Mark G.</li> <li>2)SUTTERLIN William Rusty</li> </ul>
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(57) Abstract :

The present invention relates to an improved composition comprising a blend of diisocyanates of Formula (II) derived from their corresponding dianiino alkyl esters obtained from soy protein source wherein R is an alky! and n is 1 4 and methods of making and using such compositions as construction material resin binders in particular wood resin binders and/or adhesives.

No. of Pages : 11 No. of Claims : 9

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : FUEL INJECTION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M59/34,F02M59/36,F02M59/44 :10 2010 041 487.5 :27/09/2010 :Germany :PCT/EP2011/065075 :01/09/2011 :WO 2012/041628 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)ROBERT BOSCH GMBH</li> <li>Address of Applicant :Postfach 30 02 20 70442 Stuttgart</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)LANGENBACH Christian</li> <li>2)MORLOK Joerg</li> </ul> </li> </ul>
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### (57) Abstract :

The invention relates to a fuel injection system of an internal combustion engine, in particular a common rail injection system, comprising a mechanical fuel delivery pump, which supplies fuel to a high pressure pump via a low pressure line. The high pressure pump feeds highly pressurized fuel to a high pressure accumulator via a high pressure line, wherein the delivery volume of the fuel delivery pump can be regulated via a pressure controller.

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

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

:NA

:NA

(43) Publication Date : 14/11/2014

### (54) Title of the invention : COOKING METHOD FOR SIMULTANEOUSLY COOKING FOODS

#### (51) International classification:B65D81/34,A23L1/182,A23L1/10 (71)Name of Applicant : (31) Priority Document No :201010544373.7 1)NESTEC S.A. (32) Priority Date :01/11/2010 Address of Applicant : Av. Nestl 55 CH 1800 Vevey (33) Name of priority country : China Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2011/068583 No **1)LIAN HWEE PENG Rebecca** :25/10/2011 Filing Date (87) International Publication :WO 2012/059358 No (61) Patent of Addition to :NA Application Number :NA

Filing Date (57) Abstract :

(62) Divisional to Application

Filing Date

Number

The present invention relates to a cooking kit and an application for a rice cooker appliance. By applying the cooking kit of the present invention for a rice cooker appliance, two or more dishes, or one or more dishes with neutral-flavored rice can be simultaneously prepared without any tainted 5 odor. Therefore cooking is high efficiency and low in energy consumption.

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

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : SUCTION DI	EVICE	
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61J11/00,A61K9/00 :10187383.4 :13/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)NESTEC S.A.</li> <li>Address of Applicant :Avenue Nestl 55 CH 1800 Vevey</li> </ul>
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:EPO :PCT/EP2011/058756 :27/05/2011 :WO 2012/048914	Switzerland (72)Name of Inventor : 1)HUBER HAAG Karl Josef 2)BUREAU FRANZ Isabelle
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a suction device (1 10 20 30) comprising a suction portion (3 13 23 33) to be sucked by a user s

mouth characterized in that probiotics (7 17 27 37) are adhered to or immobilized on the outer surface of the suction device

 $(1\ 10\ 20\ 30)$  such that the probiotics  $(7\ 17\ 27\ 37)$  are segregated from the outer surface by external factors when the suction device  $(1\ 10\ 20\ 30)$  is sucked.

No. of Pages : 46 No. of Claims : 26

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD AND ENERGY CARRIER PRODUCTION INSTALLATION FOR CARBON DIOXIDE NEUTRAL COMPENSATION FOR CURRENT LEVEL FLUCTUATIONS IN AN ELECTRICAL POWER SUPPLY SYSTEM AS A RESULT OF GENERATION PEAKS AND GENERATION TROUGHS IN THE GENERATION OF ELECTRICAL ENERGY

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C25B1/12,C25B15/00,C07C1/12 :10009165.1 :03/09/2010 :EUROPEAN UNION :PCT/EP2011/004426 :02/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CARBON CLEAN TECHNOLOGIES AG Address of Applicant :Im Zollhafen 24 50678 Koeln Germany</li> <li>(72)Name of Inventor :</li> <li>1)KNOP Klaus</li> <li>2)ZOELLNER Lars</li> </ul>
(87) International Publication No	:WO 2012/028326	
(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 device for inspecting the rings and necks of containers, including a movable element (6) provided with an outer gauge (14) for checking the outside of the ring of the containers, and an inner gauge (15) for checking the inside of the ring and neck of the containers. 10 According to the invention, the movable element includes : - a system for measuring the position of the movable element (6) relative to the frame, - a system (35) for detecting the contact between the inner gauge (15) and the container, 15 - a system (37) for detecting the contact between the outer gauge (14) and the container, and - a processing unit for determining, on the basis of the measurements of the position of the movable element (6) and of the instances of contact between the gauges (14, 15) and the container, whether or not the size of the rings and/or 20 necks of the containers are acceptable, and the types of defects for the containers whereof the sizes of the rings and/or necks are not acceptable.

No. of Pages : 21 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : IMMUNOCHROMATOGRAPHY DEVICES METHODS AND KITS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> </ul>	:0011033/343,0011033/08,007K10/00	<ul> <li>(71)Name of Applicant :</li> <li>1)GRIFOLS THERAPEUTICS INC. Address of Applicant :4101 Research Commons 79 T.W. Alexander Drive Research Triangle Park NC 27709 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GREBE Marco</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

A membrane based assay device methods and kits for determining the presence or quantity of an analyte in a test sample are provided. The immunochromatograhic device comprises a membrane having a capture antibody bound thereto at a test zone wherein the capture antibody is capable of binding with an analyte in particular a Z AAT protein present in a sample from a PiZ gene carrier.

No. of Pages : 65 No. of Claims : 44

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE AND METHODS FOR USE DURING ARTHROSCOPIC SURGERY (51) International classification :A61B17/32 (71)Name of Applicant : (31) Priority Document No 1)SMITH & NEPHEW INC. :61/386718 (32) Priority Date :27/09/2010 Address of Applicant :1450 Brooks Road Memphis TN 38116 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/053545 (72)Name of Inventor : Filing Date :27/09/2011 1)OCHIAL Derek H. (87) International Publication No :WO 2012/044633 2)TORRIE Paul Alexander (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 relates to a method of use during arthroscopic surgery. The method includes inserting a cannulated needle into a joint area of the body inserting a guidewire through the needle removing the needle and inserting an arthroscopy knife into the joint area via the use of the guidewire. An arthroscopy knife and another method of its use is also disclosed.

No. of Pages : 15 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : METAL CEI	LING SUBSTRUCTURE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:E04B9/12 :10013273.7 :04/10/2010 :EPO :PCT/EP2011/004943 :04/10/2011 :WO 2012/045438 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KNAUF AMF GMBH &amp; CO. KG Address of Applicant :Elsenthal 15 94481 Grafenau Germany (72)Name of Inventor :</li> </ul>

(57) Abstract :

The present invention relates to a metal ceiling substructure for ceiling elements which consists of metal beams which cross one another and are spaced apart from the ceiling. The metal beams here form a grid and are configured in the form of main beams and crossbeams. The metal beams are connected to one another here by means of specially designed connectors which engage in openings arranged in the web region of the metal beams and which lock the individual metal beams together.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
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#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : VACCINE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K39/21 :61/386931 :27/09/2010 :U.S.A. :PCT/EP2011/066754 :27/09/2011 :WO 2012/041842 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GLAXOSMITHKLINE BIOLOGICALS S.A. Address of Applicant :rue de lInstitut 89 B 1330 Rixensart Belgium</li> <li>(72)Name of Inventor :</li> <li>1)BOURGUIGNON Patricia</li> <li>2)KOUTSOUKOS Marguerite Christine</li> <li>3)VOSS Gerald Hermann</li> </ul>

(57) Abstract :

The present invention provides methods and compositions for the treatment of HIV 1 infected subjects. The invention relates in particular to enhancing the immune response of an infected subject and to stabilising or reducing the viral load of an infected subject.

No. of Pages : 96 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:E02F9/28	(71)Name of Applicant :
(31) Priority Document No	:2011104556	1)KOMATSU LTD.
(32) Priority Date	:09/05/2011	Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2012/061639	(72)Name of Inventor :
Filing Date	:07/05/2012	1)ITOU Daijirou
(87) International Publication No	:WO 2012/153699	2)NAGATA Takanori
(61) Patent of Addition to Application	:NA	3)AMADA Eiji
Number		4)YOSHIDA Tsuyoshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : BUCKET TOOTH FOR CONSTRUCTION VEHICLE

(57) Abstract :

A tooth (2) has in a side face (2i) a through-hole (2b) for mounting to a bucket (a work implement for a construction vehicle). The through-hole (2b) has an opening (2k) provided on the side face (2i) side, and a rotating body hole (2j) that is contiguous with the opening (2k) and is provided on a 5 cavity (VI) side. The opening (2k) is a concave portion in the side face on the tooth rear side. The rotating body hole (2j) is a hole having a shape obtained by removing the large diameter-side bottom face of the truncated and rotated cone provided on the cavity (VI) side, with a plane that is inclined to the rotational axis thereof.

No. of Pages : 29 No. of Claims : 3

(21) Application No.2804/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H01M4/74	(71)Name of Applicant :
(31) Priority Document No	:2011168196	1)SHIN KOBE ELECTRIC MACHINERY CO. LTD.
(32) Priority Date	:01/08/2011	Address of Applicant :8 1 Akashi cho Chuo ku Tokyo
(33) Name of priority country	:Japan	1040044 Japan
(86) International Application No	:PCT/JP2012/068560	(72)Name of Inventor :
Filing Date	:23/07/2012	1)HAGIWARA Takeo
(87) International Publication No	:WO 2013/018566	2)TSUJI Naoki
(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 : EXPANDED GRID MANUFACTURING DEVICE

(57) Abstract :

Provided is an expanded grid manufacturing device that eliminates waving and bending of an expanded grid until the grid reaches an ear part punch out means from an expansion means which expands a sheet material primarily made of lead in order to allow the grid to be conveyed in a flat state to the ear part punch out means. The expanded grid manufacturing device is provided with: an expansion means for expanding a lead or lead alloy sheet; an ear part punch out means for creating by means of punching ear parts of an expanded grid that has been processed by the expansion means; a conveyance direction changing roller that is provided midway on the expanded grid conveyance path between the expansion means and the ear part punch out means; and a pair of vertically installed flattening rollers that are provided on the downstream side of the conveyance direction changing roller and allow the expanded grid to pass therebetween. The conveyance direction changing roller has the largest diameter at the center part in the axial direction of the roller. Alternatively the conveyance direction changing roller is configured such that an intermediate section formed between the axial center part and both ends of the roller has the largest diameter at positions equally distanced from the center part.

No. of Pages : 24 No. of Claims : 3

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ARRANGEMENT FOR INTRODUCING A LIQUID MEDIUM INTO EXHAUST GASES FROM A COMBUSTION ENGINE

(51) International classification	:F01N3/20	(71)Name of Applicant :
(31) Priority Document No	:10510998	1)SCANIA CV AB (PUBL)
(32) Priority Date	:22/10/2010	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/051222	1)LOMAN Peter
Filing Date	:13/10/2011	
(87) International Publication No	:WO 2012/053960	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

Arrangement for introducing a liquid medium into exhaust gases from a combustion engine comprising a line (2) intended to have exhaust gases flow through it an injection chamber (3) bounded in radial directions by a tubular wall (8) an injection means (13) for injecting the liquid medium into the injection chamber a mixing duct (14) to which the injection chamber has an outlet (10) for delivering exhaust gases a bypass duct (15) which has an outlet (17) via which it is connected to the mixing duct and an endwall (7) situated at the injection chamber s downstream end and demarcating the chamber from the mixing duct such that the chamber s outlet is situated at the periphery of the endwall. The outlet of the bypass duct is situated close to the outlet of the injection chamber so that the exhaust gases which flow into the mixing duct via the chamber s outlet will collide with the exhaust gases which flow into the mixing duct via the outlet of the bypass duct.

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

(22) Date of filing of Application :28/03/2013

#### (54) Title of the invention : DEVICES AND METHODS FOR MINIMALLY INVASIVE SUTURING

(51) International classification	:A61B17/04,A61B17/06,A61B17/062	(71)Name of Applicant : 1)ENDOEVOLUTION LLC
(31) Priority Document No	.61/388648	Address of Applicant :51 Middlesex Street North Chelmsford
(32) Priority Date	:01/10/2010	MA 01863 U.S.A.
(33) Name of priority	:U.S.A.	(72)Name of Inventor :
country	.0.5.A.	1)BRECHER Gerald I.
(86) International	:PCT/US2011/054334	2)MEADE John C.
Application No	:30/09/2011	3)AHO John
Filing Date		4)BASKE Roger
(87) International	:WO 2012/044998	5)BLECK James H.
Publication No		6)CARLSON John F.
(61) Patent of Addition to	:NA	7)EAGAN Thomas
Application Number	:NA	8)HELANDER Michael J.
Filing Date	.1 1/2	9)MURRAY James W.
(62) Divisional to	:NA	10)PERKINS Ashley
Application Number	:NA	11)SHAKAL Wayne A.
Filing Date	.1 1/ 1	12)TOWLE Jonathan

#### (57) Abstract :

Devices and methods for minimally invasive suturing are disclosed. One suturing device for minimally invasive suturing includes a proximal section a distal end and an intermediate region therebetween. The device includes a suture head assembly having a suturing needle with a pointed end and a second end. The suturing needle is capable of rotating about an axis approximately perpendicular to a longitudinal axis of the device wherein the pointed end of the suturing needle is positioned within the suture head assembly prior to deployment of guides that are adapted and configured to guide the needle around a circular path when advanced by a drive mechanism having a needle driver for engaging and rotating the suturing needle.

No. of Pages : 148 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A PHOTOVOLTAIC DEVICE WITH A METAL SULFIDE OXIDE WINDOW LAYER			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01L31/072 :61/385420 :22/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)FIRST SOLAR INC Address of Applicant :28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHAO Rui</li> <li>2)GLOECKLER Markus</li> <li>3)BULLER Benyamin</li> </ul>	

(57) Abstract :

Methods and devices are described for a photovoltaic device and substrate structure. In one embodiment a photovoltaic device includes a substrate structure and a MSOx window layer formed over the substrate structure wherein M is an element from the group consisting of Zn Sn and In. Another embodiment is directed to a process for manufacturing a photovoltaic device including forming a MSOx window layer over a substrate by at least one of sputtering evaporation deposition CVD chemical bath deposition process and vapor transport deposition process wherein M is an element from the group consisting of Zn Sn and In.

No. of Pages : 19 No. of Claims : 28

#### (19) INDIA

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : TISSUE FIXATOR

(51) International	. A CID17/0C A CID17/04 A CID10/00	(71)Name of Applicant :
classification	:A61B17/06,A61B17/04,A61B19/00	1)SMITH & NEPHEW INC.
(31) Priority Document No	:61/388056	Address of Applicant :150 Minuteman Road Andover MA
(32) Priority Date	:30/09/2010	01810 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2011/054133	1)FERRAGAMO Michael Charles
Application No	:30/09/2011	2)WYMAN Jeffrey
Filing Date		3)BERUBE Alfred Rodrique
(87) International Publication	<sup>1</sup> ·WO 2012/044889	4)PERRIELLO Michael James
1NO		5)MCCARTHY Gary R.
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date		

(57) Abstract :

The present disclosure relates to a needle for attaching a fixator to a soft tissue graft The needle includes a pointed distal end and a proximal end the proximal end including a suture coupler the suture coupler including a hook aid a pocket formed by the hook wherein the needle is curved along an entire length of the needle. A fixator for use with the needle and method of fixating a soft tissue graft to a bone is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : SLIM TYPE MOTOR HAVING A HEAT DISSIPATING STRUCTURE AND WASHING MACHINE ADOPTING A DIRECT DRIVE SYSTEM

(32) Priority Date:29/10/2010(33) Name of priority country:Republic of Korea(86) International Application No:PCT/KR2011/008036Filing Date:26/10/2011	<ul> <li>1)AMOTECH CO. LTD. Address of Applicant :5B/L 1Lot Namdonggongdan 617</li> <li>Namchon dong Namdong gu Incheon 405 846 Republic of Korea (72)Name of Inventor :</li> <li>1)KIM Byoung Soo</li> <li>2)SIM Myoung Kyu</li> </ul>
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#### (57) Abstract :

Provided are a slim type motor having a heat radiating structure, that quickly dissipates heat generated from the inside of the motor to the outside of the motor although the motor is formed in a slim structure, by implementing the slim structure with respect to a lengthy direction 10 of a rotating shaft and simultaneously implementing the heat radiating structure that emits heat generated from a stator as a rotor rotates in opposition to the stator in a narrow space in view of the nature of the slim structure, and a direct drive washing machine. For this purpose, the slim type motor includes: a stator in which stator cores around which coils are wound are disposed in an annular form in an annular stator support whose central portion is open, in order to emit heat 15 generated in the inside of the motor to the outside; a rotor in which a number of permanent magnets are arranged in a back yoke mounted on a circular rotor support, to thus form an air gap with respect to the stator; and a rotating shaft that is coupled to the central portion of the rotor support and is driven by a torque of the rotor.

No. of Pages : 30 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPOSITION AND METHOD OF MANUFACTURE

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)PERSAVITA LTD.</li> <li>Address of Applicant :3 Glebe Court Cambridge CB5 8FR</li> <li>Cambrigdeshire U.K.</li> <li>(72)Name of Inventor :</li> <li>1)PIRAEE Mahmood</li> </ul>
No	:WO 2012/025229	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A dietary supplement composition comprises a synergistic combination of saffron and resveratrol for providing anti oxidant and gene modulation effects for preventing ameliorating and/or reducing a rate of development and progression of age related macular degeneration (AMD). Optionally the combination is supplemented with one or more further ingredients: fish oil Zinc Copper vitamin C vitamin E lutein zeaxanthin. The combination is beneficially provided as a composition which is useful for reducing a risk of developing and/or for reducing a rate of progression of age related macular degeneration and/or for preventing age related sight loss and other age related diseases.

No. of Pages : 49 No. of Claims : 25

### (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MOUNTING APPARATUS FOR ARTICULATED ARM LASER SCANNER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)HEXAGON METROLOGY, INC. Address of Applicant :5051 Peachtree Corners Cir., Ste 250, Norcross, GA 30092 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)FERRARI Paul</li> </ul>
(87) International Publication No	:WO 2012/030670	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An articulated arm can include a plurality of articulated arm members a probe a receiving portion at a distal end comprising a threaded portion and a base at a proximal end. A base plate can kinematically mount on the receiving portion and have a hole positioned such that the probe passes through the hole. The base plate can also couple to a laser and an optical sensor located on opposite sides of the hole. A nut can threadably mount to the threaded portion of the receiving portion. Further a wave spring can mount on the receiving portion between the nut and the base plate. Thus movement of the nut along the receiving portion can cause the wave spring to urge the base plate against the articulated arm to secure the kinematic mount. The wave spring can then mechanically isolate the base plate from the articulated arm.

No. of Pages : 50 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MODIFIED POLYSTYRENE RESIN PARTICLES AND MANUFACTURING METHOD THEREFOR EXPANDABLE PARTICLES AND MANUFACTURING METHOD THEREFOR PRE EXPANDED PARTICLES AND EXPANDED MOLDED ARTICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C08F2/44,C08J9/228 :2010222297 :30/09/2010 :Japan :PCT/JP2011/072560 :30/09/2011 :WO 2012/043792 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SEKISUI PLASTICS CO. LTD. Address of Applicant :4 4 Nishitenma 2 chome Kita ku Osaka shi Osaka 5300047 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TSUTSUI Yasutaka</li> <li>2)TERASAKI Shingo</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Modified polystyrene resin particles comprising polyacrylic acid ester resin microparticles having a mean diameter in the 30 1 000 nm range dispersed inside polystyrene resin particles. The area ratio of said polyacrylic acid ester resin microparticles is (1) 0.1 15% in a surface layer region from the surface of each particle down to a depth of 20 µm and (2) 11 50% in a center region from the center of each particle out to 30% of the radius of that particle.

No. of Pages : 62 No. of Claims : 20

### (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ACETIC ACID PRODUCTION METHOD (51) International (71)Name of Applicant : :C07C51/12,C07C51/44,C07C53/08 **1)Daicel Corporation** classification Address of Applicant :MAINICHI INTECIO. 3 4 5 Umeda (31) Priority Document No :2010226664 Kita ku Osaka shi Osaka 5300001 Japan (32) Priority Date :06/10/2010 (72)Name of Inventor : (33) Name of priority country : Japan (86) International Application :PCT/JP2011/072059 1)SHIMIZU Masahiko No :27/09/2011 Filing Date (87) International Publication :WO 2012/046593 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract :

Provided i s a method for the stable production o f high purity acetic acid while efficiently removing acetaldehyde. The production method includes: a step in which methanol and carbon monoxide are reacted in the presence o f a metal catalyst, a halide salt and methyl iodide; a step in which the reaction mixture i s continuously supplied t o a flasher and separated into a low boiling point component (2A) containing acetic acid and methyl iodide, and a high boiling point component (2B) containing the metal catalyst and the halide salt; a step i n which the low boiling point component (2A) i s supplied t o an evaporation tower and separated into a low boiling point component (3A) containing methyl iodide and acetaldehyde, and a flow (3B) containing acetic acid, and m which the acetaldehyde is separated is condensed and temporarily held i n a decanter before being discharged; and a step in which the acetaldehyde i s separated from the low boiling point component (3A) is condensed and temporarily held i n a decanter before being discharged; and a step in which the acetaldehyde is separated from the low boiling point component (3A) is condensed and temporarily held i n a decanter before being discharged; and a step in which the acetaldehyde is separated from the low boiling point component (3A) held in the condensation step i s regulated on the basis of fluctuations i n the flow rate o f the low boiling point component (3A) supplied t o the decanter.

No. of Pages : 100 No. of Claims : 14

(54) Title of the invention : SINUS ILLUMINATION LIGHTWIRE DEVICE

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:12/890116 :24/09/2010 :U.S.A. :PCT/US2011/052321 :20/09/2011 :WO 2012/040179	<ul> <li>(71)Name of Applicant :</li> <li>1)ACCLARENT INC.</li> <li>Address of Applicant :1525 B OBrien Drive Menlo Park CA</li> <li>94025 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)JENKINS Thomas R.</li> <li>2)VO Tom Than</li> <li>3)GOLDFARB Eric</li> </ul>
(87) International Publication No		2)VO Tom Than

(57) Abstract :

An illuminating wire medical device may include an elongate flexible housing and an illuminating fiber and a core wire extending through at least part of the housing the core wire providing desired pushability and torquability. The illuminating device may further include a connector assembly cooperating with the illuminating fiber to accommodate changes in length to absorb forces applied during use of the device and to channel errant light away from the illuminating fibers of the device.

No. of Pages : 87 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (51) International classification :B60N2/07 (71)Name of Applicant : (31) Priority Document No 1)JOHNSON CONTROLS GMBH :10 2010 047 043.0 (32) Priority Date Address of Applicant :Industriestrasse 20 - 30, 51399 :30/09/2010 (33) Name of priority country :Germany Burscheid Germany (86) International Application No :PCT/EP2011/004797 (72)Name of Inventor : Filing Date :26/09/2011 1)EWALD Tobias (87) International Publication No :WO 2012/041470 2)STEILMANN Alfons (61) Patent of Addition to Application **3)WILLING Thomas** :NA Number 4)BECKERS Christoph :NA Filing Date **5)HASSLER Erhard** (62) Divisional to Application Number :NA **6)BERG Matthias** Filing Date :NA

## (54) Title of the invention : LONGITUDINAL ADJUSTER FOR A VEHICLE SEAT

(57) Abstract :

A LONGITUDINAL ADJUSTER FOR A VEHICLE SEAT for a motor vehicle is proposed, wherein the LONGITUDINAL

ADJUSTER FOR A VEHICLE SEAT has a first display area and a second display area, wherein the first display area is provided by way of a first display in the central area of a dial, wherein the second display area is designed so as to display a display information in an electroless manner.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : CONTROLLED FREE RADICAL POLYMERIZATION OF N VINYL LACTAMS IN AN AQUEOUS MEDIUM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C08F293/00,C08F2/38,C08F4/40 :1057770 :27/09/2010 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)RHODIA OPERATIONS Address of Applicant :40 Rue De La Haie Coq F 93306 </li> <li>Aubervilliers France</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:PCT/FR2011/052185 :22/09/2011 :WO 2012/045944 :NA :NA	2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (72)Name of Inventor : 1)DESTARAC Mathias 2)GUINAUDEAU Aymeric 3)MAZIERES Stphane 4)WILSON James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for preparing a polymer based on N-vinyl lactam monomer units, which comprises a step (E) for controlled radical polymerization of a composition comprising: - monomers containing (and most often consisting of) N-vinyl lactam monomers, either identical or different (and generally identical); 10 - an agent for controlling the radical polymerization, for example comprising a thiocarbonylthio group -S(C=S)-; and - a radical polymerization initiator which is a redox system comprising a reducing ; agent (Red) and an oxidizing agent (Ox).

No. of Pages : 22 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B23B5/16	(71)Name of Applicant :
(31) Priority Document No	:61/384351	1)SPI PHARMA INC.
(32) Priority Date	:20/09/2010	Address of Applicant :503 Carr Road Suite 210 Wilmington
(33) Name of priority country	:U.S.A.	DE 19809 U.S.A.
(86) International Application No	:PCT/US2011/052406	(72)Name of Inventor :
Filing Date	:20/09/2011	1)GOLL Diane
(87) International Publication No	:WO 2012/040234	2)PROPST Cecil W.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : MICROENCAPSULATION PROCESS AND PRODUCT

(57) Abstract :

A composition comprising a core material having a taste value and a polymeric coating. The polymeric coating substantially surrounds the core material and comprises a cationic polymer and optionally an anionic polymer. The polymeric coating has a uniform thickness ranging from 2  $\mu$ m to 20  $\mu$ m. The composition provides release of a portion of the core material which is taste masked over a time period ranging from 0.5 minute to 2 minutes in the oral cavity and provides a modified release of the remaining core material in a gastrointestinal tract.

No. of Pages : 64 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

### (43) Publication Date : 14/11/2014

# (54) Title of the invention : BROADBAND ANTENNA REFLECTOR FOR A CIRCULARLY POLARIZED PLANAR WIRE ANTENNA AND METHOD FOR PRODUCING SAID ANTENNA REFLECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01Q19/10,H01Q19/18,H01Q19/185 :1003900 :01/10/2010 :France :PCT/EP2011/066563 :23/09/2011 :WO 2012/041770 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THALES</li> <li>Address of Applicant :45 rue de Villiers F 92200 Neuilly sur</li> </ol> </li> <li>Seine France </li> <li>(72)Name of Inventor : <ol> <li>GRELIER Micha«l</li> <li>JOUSSET Michel</li> <li>MALLEGOL Stphane</li> <li>BEGAUD Xavier</li> </ol> </li> </ul>
(57) Abstract :		

(57) Abstract :

The invention is applicable to the field of circular-polarized planar wire antennas for very wide band telecommunications systems. It relates to an antenna reflector (3) for such an antenna (2), an antenna device comprising the antenna reflector (3) and the antenna (2), and a method for implementing the antenna reflector (3). The antenna reflector (3) according to the invention is based on a hybrid structure comprising, on the one hand, a first reflection region (341A) exhibiting electromagnetic properties of an electrical conductor in a first subband of frequencies and, on the other hand, a second reflection region (342A) exhibiting electromagnetic properties akin to a magnetic conductor in a second sub-band of frequencies. Each reflection region (341A, 342A) is designed to face a region of the antenna able to emit electromagnetic radiation in the corresponding sub-band of frequencies in order to reflect the electric field of the backward radiation in phase with the electric field of the forward radiation.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/04/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : ROOF SHELF FOR VEHICLE CAB		
<ul> <li>(54) Title of the invention : ROOF SHELF</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> </ul>	:B60R7/04,B60R7/08 :10510543 :08/10/2010 :Sweden :PCT/SE2011/051171 :30/09/2011 :WO 2012/047155	<ul> <li>(71)Name of Applicant :</li> <li>1)SCANIA CV AB <ul> <li>Address of Applicant :SE 151 87 Sdertlje Sweden</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)KN,,LMANN Johan</li> <li>2)S–DER Kenneth</li> <li>3)KARLSSON Olov</li> <li>4)LINDQUIST Krister</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	5)MAGNUSSON Rickard 6)THORS^N Gunnar
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The invention relates to a roof shelf (40) for a vehicle cab (10) which cab comprises upper and lateral shell components (20 30). The shelf (40) is composed of a frame structure (50) formed by a rod element configuration (70 80 90a d) and arranged to be fastened to the shell components (20 30) of the cab (10) and of at least one panel element (60) arranged to be supported by the frame structure (50). The object of the invention is to propose a roof shelf which is of high loadbearing capacity and of durable shape irrespective of load and temperature. The shelf should comprise few loadbearing parts be easy to manufacture and fit and be flexible as regards modifications. The invention further relates to a vehicle cab with a roof shelf as above and to a vehicle with such a cab.

No. of Pages : 13 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H01L25/075,H01L33/62	(71)Name of Applicant :
(31) Priority Document No	:61/384623	1)CREE INC.
(32) Priority Date	:20/09/2010	Address of Applicant :4600 Silicon Drive Durham North
(33) Name of priority country	:U.S.A.	Carolina 27703 U.S.A.
(86) International Application No	:PCT/US2011/052103	(72)Name of Inventor :
Filing Date	:19/09/2011	1)ANDREWS Peter Scott
(87) International Publication No	:WO 2012/040085	2)ROSADO Raymond
(61) Patent of Addition to Application	:NA	3)LAUGHNER Michael P.
Number		4)EMERSON David T.
Filing Date	:NA	5)ABARE Amber C.
(62) Divisional to Application Number	:NA	6)BRITT Jeffrey C.
Filing Date	:NA	
		Letter and the second se

### (54) Title of the invention : HIGH DENSITY MULTI CHIP LED DEVICES

(57) Abstract :

High density multi chip LED devices (600 700 800 900 1100 1200) are described. Embodiments of the present invention provide high density multi chip LED devices (600 700 800 900 1100 1200) with relatively high efficiency and light output in a compact size. An LED device (600 700 800 900 1100 1200) includes a plurality of interconnected LED chips

(610 612 710 712 810 812 910 911 912 913 1120 1121 1221 1240) and an optical element such as a lens (1150). The LED chips (610 612 710 712 810 812 910 911 912 913 1120 1121 1221 1240) may be arranged in two groups wherein the LED chips within each group are connected in parallel and the groups are connected in series. In some embodiments the LED device

(600 700 800 900 1100 1200) includes a submount (500 1000) which may be made of ceramic. The submount (500 1000) may include a connection bus and semicircular areas to which chips are bonded. Wire bonds

(614 616 618 620 716 718 720 814 816 820 914 916 917 918 920 921 1122 1123 1125 1126 1221 1240 1242 1244) can be connected to the LED chips (610 612 710 712 810 812 910 911 912 913 1120 1121 1221 1240) so that all the wire bonds are disposed on the outside of a group of LED chips to minimize light absorption.

No. of Pages : 55 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :01/04/2013

### (43) Publication Date : 14/11/2014

-			
(51) Interne	ational classification	·H011 25/075 H011 33/62	(71)Name of Applicant :
. ,		:61/384623	1)CREE INC.
			· ·
	•	:U.S.A.	Carolina 27703 U.S.A.
	ational Application No	:PCT/US2011/052102	(72)Name of Inventor :
Filing	Date	:19/09/2011	1)ANDREWS Peter Scott
(87) Interna	ational Publication No	:WO 2012/040084	2)ROSADO Raymond
(61) Patent	t of Addition to Application	·NA	3)LAUGHNER Michael P.
Number			4)EMERSON David T.
U	•		5)BRITT Jeffrey C.
	11		
Filing	Date	:NA	
<ul> <li>(32) Priorit</li> <li>(33) Name</li> <li>(86) Interna</li> <li>(87) Interna</li> <li>(61) Patent</li> <li>Number</li> <li>Filing</li> </ul>	of priority country ational Application No 5 Date ational Publication No t of Addition to Application 5 Date onal to Application Number 5 Date	:20/09/2010 :U.S.A. :PCT/US2011/052102 :19/09/2011	Address of Applicant :4600 Silicon Drive Durham Nort Carolina 27703 U.S.A. (72)Name of Inventor : 1)ANDREWS Peter Scott 2)ROSADO Raymond 3)LAUGHNER Michael P.

### (54) Title of the invention : MULTI CHIP LED DEVICES

(57) Abstract :

Multi chip LED devices (200 300) are described. Embodiments of the present invention provide multi chip LED devices (200 300) with relatively high efficiency and good color rendering. The LED device (200 300) includes a plurality of interconnected LED chips (202 302) and an optical element such as a lens. The optical element may be molded from silicone. The LED chips (202 302) may be connected in parallel. In some embodiments the LED device (200 300) includes a submount (100) which may be made of a ceramic material such as alumina or aluminum nitride. Wire bonds (204 304 305) can be connected to the LED chips (202 302) so that all the wire bonds tend the outside of a group of LED chips. Various sizes and types of LED chips may be used including vertical LED chips and sideview LED chips.

No. of Pages : 54 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : ORGANIC HALOGEN COMPOUND DECOMPOSITION AGENT CONTAINING IRON PARTICLES AND PROCESS FOR PRODUCTION THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C09K3/00,B09C1/02,B09C1/08 :2010213290	(71)Name of Applicant : 1)DOWA ECO SYSTEM CO. LTD.
(32) Priority Date	:24/09/2010	Address of Applicant :14 1 Sotokanda 4 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1010021 Japan
(86) International Application No	o:PCT/JP2011/070987	(72)Name of Inventor :
Filing Date	:14/09/2011	1)UEHARA Taishi
(87) International Publication No	:WO 2012/039334	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There are provided a decomposer comprising iron particles which need not contain copper, and having the ability to satisfactorily decompose an organohalogen compound and a method for producing the same. A decomposer for an organohalogen compound, containing iron particles comprising iron and iron oxide, wherein the iron particles have a metallic iron content of 15% or more by mass, wherein the metallic iron content is a content of metallic iron in the outermost surface layer of the iron particles to which the ion beam etching has been applied twice under the following etching conditions: degree of vacuum in a chamber: 2.0 x 102 Pa accelerating voltage of an ion gun: 10 kV emission current: 10 mA etching time: 14 seconds.

No. of Pages : 18 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### :A61N5/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :10305960.6 **1)STEBA MAOR SA** (32) Priority Date Address of Applicant :7 place du Thtre L 2613 Luxembourg :07/09/2010 (33) Name of priority country :EPO Luxembourg (86) International Application No :PCT/EP2011/065409 (72)Name of Inventor : Filing Date :06/09/2011 **1)BETROUNI Nacim** (87) International Publication No :WO 2012/032060 2)HARDY Joseph (61) Patent of Addition to Application **3)BOUKRIS Stephan** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : MODELLING OF THE ACTION OF AN OPTICAL FIBRE IN PHOTODYNAMIC THERAPY TREATMENT AND ASSISTANCE IN THE PLANNING OF SAID TREATMENT

### (57) Abstract :

The invention relates to an assistance method (200) for planning of a treatment with photodynamic therapy for a patient, during which a predetermined photosensitive substance must be administered to the patient and then subjected to illumination at a predetermined wavelength through a number of optical fibers adapted to be introduced over a length of insertion into the treatment area according to a position relative to a brachytherapy grid. The method performs a measurement (230) of the volume of the A treatment area by volume reconstruction from digital processing of contours inputted directly into a series of digital images of the area being treated, then a determination (250) made by calculating the number of optical fibers used, their position relative to the brachytherapy grid and their insertion length which optimizes the correspondence of a total theoretical action volume calculated with the measured volume of the treatment area, the total theoretical action volume being calculated based on the position of each fiber, and an elementary theoretical action radius R, and height corresponding to the insertion length of the fiber. The invention also relates to a modeling method (100) of the action radius of an optical fiber using a correlation of measured volumes of actual necrotic W areas from a plurality of clinical trials on patients with different theoretical volumes calculated from the same sets of parameters used in clinical trials and the elementary theoretical action volume of a fiber.

No. of Pages : 30 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### MULTIPLE TRANSMISSION POINTS (51) International classification (71)Name of Applicant : :H04L1/18 1)INTERDIGITAL PATENT HOLDINGS INC. (31) Priority Document No :61/388976 (32) Priority Date :01/10/2010 Address of Applicant :200 Bellevue Parkway Suite 300 (33) Name of priority country Wilmington Delaware 19809 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/054248 (72)Name of Inventor : Filing Date :30/09/2011 1)CAVE Christopher R. (87) International Publication No :WO 2012/044945 2)PANI Diana (61) Patent of Addition to Application **3)GOMES Sylvie** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MAC AND RLC ARCHITECTURE AND PROCEDURES TO ENABLE RECEPTION FROM

### (57) Abstract :

A method for use in a wireless transmit receive unit (WTRU) for two stage reordering of received protocol data units (PDUs). The method comprising receiving PDUs from a plurality of Node Bs wherein each of the received PDUs has a transmission sequence number (TSN) reordering the received PDUs from each of the plurality of Node Bs using the TSN in a MAC layer in different reordering queues delivering the received PDUs from a plurality of reordering queues to one logical channel in the RLC layer reordering the received PDUs in the RLC layer based on a sequence number (SN) starting a timer when at least a RLC PDU is missing based on SN of the RLC PDU and transmitting a status report indicating a missing RLC PDU based on SN of the RLC PDU on a condition that the timer expires wherein transmission of the status report is delayed on a condition that a RLC PDU is missing based on SN of the RLC PDU and the timer is running.

No. of Pages : 63 No. of Claims : 12

### (19) INDIA

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

### (43) Publication Date : 14/11/2014

(54) Title of the invention : GEL COMPOSITION		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:10191113.9 :12/11/2010 :EPO :PCT/EP2011/069975 :11/11/2011 :WO 2012/062919 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NESTEC S.A.</li> <li>Address of Applicant :CT IAM Av. Nestl 55 CH 1800 Vevey Switzerland</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>LAGARRIGUE Sophie</li> <li>GRASSI HEITZ Sabrina</li> <li>TOLEA Andreea</li> </ol> </li> </ul>

### (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 iota carrageenan and xanthan.

No. of Pages : 16 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DEVICE AND METHOD FOR RETRIEVING A CAPSULE FROM A BEVERAGE PRODUCTION APPARATUS

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:10180617.2	1)NESTEC S.A.
(32) Priority Date	:28/09/2010	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/064300	(72)Name of Inventor :
Filing Date	:19/08/2011	1)ETTER Stefan
(87) International Publication No	:WO 2012/041605	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

### (57) Abstract :

The invention aims to provide a device and a method for retrieving efficiently a capsule from a receptacle of a beverage production apparatus. In particular the device allows retrieving a used capsule in safe conditions and without waiting time. The beverage production apparatus comprises a receptacle (1) with a cover (3) for receiving a capsule (2) containing beverage ingredient. The device comprises capsule extracting and guiding means consisting of a clamp (6) having members (6 6) arranged on each lateral side of the cover (3) of the receptacle. The capsule (2) is provided with a rim (8) around its upper edge which is directed upwards when the capsule is inserted in the receptacle (1). At opening of the cover of the receptacle the clamp (6) is activated in such a way to position its members under the rim (8) of the capsule which is lifted thanks to a spring (4) at the bottom of the capsule.

No. of Pages : 26 No. of Claims : 18

(21) Application No.2780/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : TRANSDERMAL ABSORPTION PREPARATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2011/072334 :29/09/2011 :WO 2012/043701 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYAMA CHEMICAL CO. LTD. Address of Applicant :2 5 Nishishinjuku 3 chome Shinjuku ku Tokyo 1600023 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KUBO Yoshiko</li> <li>2)KOUNO Ryoji</li> <li>3)YOSHIMURA Misaki</li> <li>4)JO Rumi</li> </ul>
Number Filing Date	:NA	

(57) Abstract :

Disclosed is a safe, transdermal absorption preparation useful in the treatment of fungal infections, having excellent skin permeability and strong antifungal activity, and greatly contributing to a patients quality of life. The disclosed transdermal absorption preparation contains 4-{3-[4-(3-{4-[amino (imino) methyl] phenoxy} propyl)-1-piperidinyl] propoxy} benzamidine, or a salt thereof, and a transdermal absorption enhancer.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A METHOD FOR USING A PRIMER COMPRISING A SELF EMULSIFIED POLYESTER MICROGEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:12/896166 :01/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)VERARDI Christopher A.</li> <li>2)MELI Michele L.</li> <li>3)LAMERS Paul</li> </ul>
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(57) Abstract :

A method for coating a substrate comprising applying to at least a portion of the substrate a primer coating composition comprising a self emulsified polyester microgel is disclosed. Multilayer coating systems comprising such a primer are also disclosed.

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

### (19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING VIDEO ARCHIVE ON FILM

(51) International classification	:H04N5/87,G11B23/40,G11B20/12	(71)Name of Applicant : 1)THOMSON LICENSING
(31) Priority Document No	:61/393858	Address of Applicant :1 5 rue Jeanne dArc 92130 Yssy Les
(32) Priority Date	:15/10/2010	Moulineaux France
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/056269 :14/10/2011	1)KUTCKA Chris Scott 2)PINES Joshua
(87) International Publication No	:WO 2012/051486	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system are disclosed for archiving video content to film and recovering the video from the film archive. Video content and a characterization pattern associated with the content are provided as encoded data which is recorded onto a film and processed to produce a film archive. By encoding the video data using a non linear transformation between video codes and film density codes the resulting film archive allows a film print to be produced at a higher quality compared to other film archive techniques. The characterization pattern contains spatial temporal and colorimetric information relating to the video content and provides a basis for recovering the video content from the film archive.

No. of Pages : 52 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SUBSTRATE WITH SHAPED COOLING HOLES AND METHODS OF MANUFACTURE (51) International classification :F23R3/00 (71)Name of Applicant : (31) Priority Document No 1)GENERAL ELECTRIC COMPANY :12/916099 (32) Priority Date :29/10/2010 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/US2011/049283 (72)Name of Inventor : 1)STARKWEATHER John Howard Filing Date :26/08/2011 (87) International Publication No :WO 2012/057908 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A substrate having one or more shaped effusion cooling holes formed therein. Each shaped cooling hole has a bore angled relative to an exit surface of the combustor liner. One end of the bore is an inlet formed in an inlet surface of the combustor liner. The other end of the bore is an outlet formed in the exit surface of the combustor liner. The outlet has a shaped portion that expands in only one dimension. Also methods for making the shaped cooling holes.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : LIGHT SOURCE DEVICE INCLUDING LIGHT SOURCE AND/OR METHODS OF MAKING THE SAME

(51) International classification	:H01L33/56	(71)Name of Applicant :
(31) Priority Document No	:12/923835	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:08/10/2010	Address of Applicant :2300 Harmon Road Auburn Hills MI
(33) Name of priority country	:U.S.A.	48326 U.S.A.
(86) International Application No	:PCT/US2011/001708	(72)Name of Inventor :
Filing Date	:04/10/2011	1)VEERASAMY Vijayen S.
(87) International Publication No	:WO 2012/047288	2)ALVAREZ Jemssy
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Certain example embodiments of this invention relate to techniques for improving the performance of Lambertian and non Lambertian light sources. In certain example embodiments this is accomplished by (1) providing an organic inorganic hybrid material on LEDs (which in certain example embodiments may be a high index of refraction material) (2) enhancing the light scattering ability of the LEDs (e.g. by fractal embossing patterning or the like and/or by providing randomly dispersed elements thereon) and/or (3) improving performance through advanced cooling techniques. In certain example instances performance enhancements may include for example better color production (e.g. in terms of a high CRI) better light production (e.g. in terms of lumens and non Lambertian lighting) higher internal and/or external efficiency etc.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> <li>Number Filing Date</li> <li>Filing Date</li> </ul>	:C10J3/52,C10J3/76,C10J3/84 :10185547.6 :01/10/2010 :EPO :PCT/EP2011/066671 :26/09/2011 :WO 2012/041808 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SHELL INTERNATIONALE RESEARCH</li> </ol> </li> <li>MAATSCHAPPIJ B.V. <ul> <li>Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR</li> </ul> </li> <li>The Hague Netherlands <ul> <li>(72)Name of Inventor : <ul> <li>DISSELHORST Johannes Hermanus Maria</li> <li>VAN DONGEN Franciscus Gerardus</li> </ul> </li> </ul></li></ul>
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### (54) Title of the invention : A BURNER FOR THE GASIFICATION OF A SOLID FUEL

(57) Abstract :

The invention is directed to a burner for the gasification of a solid fuel comprising a burner front having an opening for discharging a solid fuel wherein the opening for discharging the solid fuel is fluidly connected to a central passage way and wherein the central passage way has a downstream part wherein the diameter of the passage way increases over a first length and subsequently decreases over a second length terminating at the burner front and wherein inside the downstream part of the central passage way a hollow member is positioned and wherein the hollow member has an internal increasing diameter and inner decreasing diameter aligned with the increasing and decreasing diameter of the hollow member and wherein the connecting conduits have a discharge opening positioned in the diverging part of the hollow member.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : 4 (METHYLAMINOPHENOXY) PYRDIN 3 YL BENZAMIDE DERIVATIVES FOR TREATING CANCER

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:A61K31/44,C07D213/75,A61P35/00 :61/389393 :04/10/2010 :U.S.A. :PCT/JP2011/073165 :03/10/2011 :WO 2012/046825 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTSUKA PHARMACEUTICAL CO. LTD. Address of Applicant :9 Kanda Tsukasamachi 2 chome</li> <li>Chiyoda ku Tokyo 1018535 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAKAGAWA Takashi</li> <li>2)SAKAMOTO Makoto</li> <li>3)YAMAGUCHI Kazuya</li> <li>4)TERAUCHI Yuki</li> <li>5)SHIRAKURA Masamichi</li> <li>6)HARADA Yasuo</li> <li>7)KOJIMA Yutaka</li> <li>8)SUMIDA Takumi</li> </ul>
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### (57) Abstract :

The present invention provides a novel compound having an excellent antitumor effect stability and metabolic stability. The compound of the present invention is represented by the following general formula (1) wherein R represents a halogen atom an aryl group an aryloxy group or a lower alkyl group optionally substituted with one or more halogen atoms; R represents a hydrogen atom a halogen atom a lower alkyl group or a lower alkoxy group; and; m represents an integer of 1 to 3; provided that when m represents 2 or 3 Rs are the same or different.

No. of Pages : 45 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B60N2/22,B60N2/68	(71)Name of Applicant :
(31) Priority Document No	:10 2010 051 497.7	1)KEIPER GMBH & CO. KG
(32) Priority Date	:11/11/2010	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2011/005360	(72)Name of Inventor :
Filing Date	:25/10/2011	1)PLUTA Wolfgang
(87) International Publication No	:WO 2012/062410	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : VEHICLE SEAT IN PARTICULAR MOTOR VEHICLE SEAT

(57) Abstract :

In a vehicle seat in particular motor vehicle seat with a seat part a backrest which as a supporting structure has a backrest structure (4a) with at least one side part (4d) and at least one fitting (10) by means of which the backrest is connected to the seat part and can be pivoted relative thereto wherein a distance is defined in an axial direction (y) between the fitting (10) and the side part (4d) the backrest structure (4a) has at least one profile body (4p) which is fixedly connected at one end to the side part (4d) and at the other end to the fitting (10) and which at least partially has a profile which is constant in the axial direction (y).

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

### (19) INDIA

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

(54) Title of the invention : DISC BRAKE

### (43) Publication Date : 14/11/2014

(+ )		
(51) International classification	:F16D55/224	(71)Name of Applicant :
(31) Priority Document No	:2010276191	1)Hitachi Automotive Systems Ltd.
(32) Priority Date	:10/12/2010	Address of Applicant :2520 Takaba Hitachinaka shi Ibaraka
(33) Name of priority country	:Japan	3128503 Japan
(86) International Application No	:PCT/JP2011/078434	(72)Name of Inventor :
Filing Date	:08/12/2011	1)NANRI Keisuke
(87) International Publication No	:WO 2012/077754	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A disc brake is configured so that a carrier (13) is provided with a single torque-receiving pin (27) that is placed on a inlet side of the disc rotation when the vehicle moves forward, straddles the disc (12), and extends in a disc axial direction, and on which a pair of friction pads (15) and (16) slide. The pair of friction pads (15) and (16) are formed with insertion holes (115) thro-ugh which the single torque-receiving pin (27) is inserted, on each of the inlet side of the disc rotations thereof, and an engagement portion (122) engaged with a caliper is formed in a part other than the insertion hole (115). The single torque-receiving pin (27) of the inlet side of the disc rotation direction generated in the pair of friction pads (15) and (16) during braking when the vehicle moves forward.

No. of Pages : 45 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CLOSTEROVIRUS BASED NUCLEIC ACID MOLECULES AND USES THEREOF (51) International classification :C12N15/82 (71)Name of Applicant : (31) Priority Document No 1)FRAUNHOFER USA INC. :61/391333 (32) Priority Date Address of Applicant :Center Of Molecular Biotechnology 9 :08/10/2010 (33) Name of priority country Innovation Way Newark DE 19711 5449 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/055365 (72)Name of Inventor : 1)PROKHNEVSKY Alexei Filing Date :07/10/2011 (87) International Publication No :WO 2012/048221 2)YUSIBOV Vidadi (61) Patent of Addition to Application 3)METT Vadim :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to novel nucleic acid molecules for producing target polypeptides in plant cells. More specifically the novel nucleic acid molecules comprise a minireplicon derived from a Closteroviridae virus and heterologous polynucleotides encoding the target polypeptides. Also provided are compositions comprising the target polypeptides and uses thereof.

No. of Pages : 90 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR THE FIXATION OR FUSION OF BONE USING COMPRESSIVE IMPLANTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B17/68 :12/924784 :05/10/2010 :U.S.A. :PCT/US2011/054935 :05/10/2011 :WO 2012/048008 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SI BONE INC. Address of Applicant :3055 Olin Avenue Suite 2200 San Jose</li> <li>CA 95128 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REILEY Mark A.</li> <li>2)LERMAN Justin</li> <li>3)MAULDIN Richard G.</li> </ul>
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(57) Abstract :

Fixating or fusing a first and second bone segments separated by a fracture line or joint by creating an insertion path through the first bone segment through the fracture or joint and into the second bone segment and inserting an anchor body that is anchored at the distal end within the second bone segment. An elongated implant structure passes over the anchor body to span the fracture or joint between the bone segments. The proximal end of the anchor body is anchored on the exterior of the first bone segment and places the anchor body and bone segments in compression.

No. of Pages : 56 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :28/03/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : TILTING PAD BEARING		
(51) International classification	:F16C17/06,F16C41/02	(71)Name of Applicant :
(31) Priority Document No	:61/386054	1)WAUKESHA BEARINGS CORPORATION
(32) Priority Date	:24/09/2010	Address of Applicant :W231 N2811 Roundy Circle E. Suite
(33) Name of priority country	:U.S.A.	#200 Pewaukee WI 53072 U.S.A.
(86) International Application No	:PCT/US2011/053303	(72)Name of Inventor :
Filing Date	:26/09/2011	1)NEW Nigel H.
(87) International Publication No	:WO 2012/040722	2)PETHYBRIDGE Guy
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tilting pad bearing comprises a piston carrier ring that may include a plurality of voids spaced around the piston carrier ring wherein a channel may be formed in a surface of the piston carrier ring opposite the plurality of voids. A carrier end plate may be positioned in the channel and secured to the piston carrier ring wherein a recess may be formed in a top surface of the carrier end plate. A piston may be positioned in each void wherein a bottom face of each piston is positioned adjacent the recess. The pistons may be substantially secured in the voids using a plurality of membranes wherein one membrane corresponds to one piston and one void. Alternatively the pistons may be formed in two pieces secured via a membrane. Each piston may be engaged with a bearing pad and/or interface member in a bearing pad carrier ring.

No. of Pages : 42 No. of Claims : 27

(21) Application No.2847/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CURRENT COLLECTOR CARRIAGE HAVING DETACHABLY FASTENED RUNNING GEARS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B66C9/02,B66C9/04,B60L5/36 :10 2011 000 567.6 :08/02/2011 :Germany :PCT/EP2012/051505 :31/01/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)DEMAG CRANES &amp; COMPONENTS GMBH Address of Applicant :Ruhrstr. 28 58300 Wetter Germany</li> <li>(72)Name of Inventor :</li> <li>1)LINDENAU Thomas</li> <li>2)KREBS Wolfgang</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:WO 2012/107319 :NA :NA	3)EKRUTT Kai Uwe
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a current collector carriage (la, lb), having running gears (2a, 2b, 2c) which are connected detachably to a body (3) and by means of which the current collector carriage (la, lb) can be moved along a rail (4) having a plurality of conductors (5a, 5b, 5c, 5d, 5e), and the current collector carriage (la, lb) is in electrical contact with 10 the conductors (5a, 5b, 5c, 5d, 5e), wherein the running gears (2a, 2b, 2c) can each be pivoted relative to the body (3) about an axis (A) of the current collector carriage (la, lb), the axis (A) is aligned vertically to a plane running horizontally in relation to the current collector carriage (la, lb) which is aligned, in the longitudinal extension thereof, in a direction of travel (V), and the running gears (2a, 2b, 2c) are connected to the body (3) by 15 means of a bushing (3k, 31) which is engaged with a bolt (10b, 10c). The bolt (10b, 10c) and the bushing (3 k, 31) are designed in such a manner that the connection between the running gears (2a, 2b, 2c) and the body (3) can be created by a relative movement of the running gears (2a, 2b, 2c) and the body (3) parallel to the vertical axis (A).

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : FERMENTATION ROUTE FOR THE PRODUCTION OF LEVULINIC ACID LEVULINATE ESTERS VALEROLACTONE AND DERIVATIVES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:C07C49/00,C07C53/00 :61/378199 :30/08/2010 :U.S.A. :PCT/US2011/049788 :30/08/2011 :WO 2012/030860 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARZEDA CORP. Address of Applicant :2722 Eastlake Ave E Suite 150 Seattle Washington 98102 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZANGHELLINI Alexandre Luc</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides processes for the conversion of pyruvate obtained from sugars or other carbon sources to valuable C5 materials such as levulinic acid levulinate esters valerolactone and derivatives thereof.

No. of Pages : 50 No. of Claims : 58

(19) INDIA

(22) Date of filing of Application :28/03/2013

(54) Title of the invention : THERAPEUTIC APPLICATIONS OF SMAD7

(43) Publication Date : 14/11/2014

(51) International classification:A61K38/17(31) Priority Document No:61/385445(32) Priority Date:22/09/2010(33) Name of priority country:U.S.A.(86) International Application No:PCT/US201Filing Date:21/09/2011(87) International Publication No:WO 2012/0	1)THE REGENTS OF THE UNIVERSITY OF         0       COLORADO A BODY CORPORATE         Address of Applicant :1800 Grant Street 8th Floor Denver CO         011/052499       80203 U.S.A.         1       (72)Name of Inventor :
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>:NA</li> </ul>	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

The invention provides methods and compositions for the treatment of inflammatory and/or tissue damage conditions. In particular the use of Smad7 compositions delivered locally or systemically to a site of inflammation and/or tissue damage is described. Other specific embodiments concern treatment or prevention of side effects caused by radiation and/or chemotherapy including but not limited to mucositis.

No. of Pages : 63 No. of Claims : 40

(19) INDIA(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : POLYCARBONATES AS NUCLEATING AGENTS FOR POLYLACTIDES

(51) International classification	n:C08K5/00,C08L67/00,C08L67/04	(71)Name of Applicant :
(31) Priority Document No	:10290553.6	1)TOTAL RESEARCH & TECHNOLOGY FELUY
(32) Priority Date	:13/10/2010	Address of Applicant :Zone Industrielle C B 7181 Seneffe
(33) Name of priority country	:EPO	Belgium
(86) International Application	:PCT/EP2011/067355	2)CENTRE NATIONAL DE LA RECHERCHE
No	:05/10/2011	SCIENTIFIQUE (CNRS)
Filing Date	.03/10/2011	(72)Name of Inventor :
(87) International Publication	:WO 2012/049044	1)CARPENTIER Jean fran§ois
No	. WO 2012/049044	2)GUILLAUME Sophie
(61) Patent of Addition to	:NA	3)HELOU Marion
Application Number	:NA	4)SLAWINSKI Martine
Filing Date	.11A	5)GUERIN William
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/2	

(57) Abstract :

The present invention discloses the use of polycarbonate to increase the crystallisation rate of polylactides while maintaining its the mechanical properties.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

## (54) Title of the invention : KNOT TYING DEVICE AND CARTRIDGE SYSTEM FOR PROVIDING TYING FILAMENT THERETO

(57) Abstract :

A system includes a knot tying device for tying a filament in a knot around an article and a filament delivery device from which is drawn the filament. The filament delivery device may be in the form of a cartridge having a housing sized and arranged to be releasably attached to the knot tying device where the housing has an opening through which pre cut or loosely coupled lengths of the filament can be drawn. The knot tying device includes a shuttle attachable to the filament where the shuttle is caused to be moved during a knot tying process around an article to be tied and a device for at least pulling the filament away from the article at appropriate times during the knot tying process.

No. of Pages : 50 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04W12/06	(71)Name of Applicant :
(31) Priority Document No	:61/393430	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:15/10/2010	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/EP2011/059664	1)MIKLS Gyrgy
Filing Date	:10/06/2011	2)TUR NYI Zolt;n Rich;rd
(87) International Publication No	:WO 2012/048915	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : LIGHTWEIGHT DATA TRANSMISSION MECHANISM

(57) Abstract :

A method of sending user plane data between a user device and a network entity within a packet core network via a radio access network. The method comprises 1) authenticating the user device to the network entity and establishing a Security Association between the user device and the network entity; 2) maintaining the user device in a connectionless state such that no Security Association is established between the user device and the radio access networkand no data bearer is set up between the user device and said packet core network; 3) with the user device in said connectionless state sending uplink and downlink user plane data between the user device and said network entity by including the data within signalling messages on the Non Access Stratum.

No. of Pages : 31 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS CHAMBER WITH DEVICE FOR INJECTING GASEOUS FLUID

(57) Abstract :

The invention relates to a process chamber (5) having an interior space (39). In the interior space (39) there is a receiving region (15) for workpieces (3). The process chamber (5) has an opening (12, 14) for the entry and exit of workpieces (3). The process chamber comprises a device (17, 19, 25, 29, 33, 37, 35) for injecting gaseous fluid into the interior space (39). The device for injecting gaseous fluid has at least one tt) nozzle (17, 19) for producing a fluid flow curtain (21, 23) between the opening (12, 14) and the receiving region (15) for workpieces (3).

No. of Pages : 35 No. of Claims : 15

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PSEUDO WIRE PROVIDING AN IN BAND CONTROL CHANNEL USING AN OFFSET

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H04L12/56,H04L12/26,H04L12/46 :61/385630 :23/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> </ul>
(33) Name of priority country	:U.S.A.	1)KINI Sriganesh
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:17/09/2011	
No	:w0 2012/038873	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>1</sup> :NA :NA	

(57) Abstract :

A method implemented by a first provider equipment (PE) device to enable operations administration and management (OAM) functionality over a pseudo wire (PW) between the first PE device and a second PE device wherein the PW traverses a packet switched network and carries control channel messages and a flow of data packets and where the packet switched network includes nodes that use information outside a pseudo wire label stack of the data packets for determining multi path routing the method including receiving a control channel message at the first PE to be forwarded over the pseudo wire to the second PE and prefixing the control channel message with a pseudo flow header to ensure that the control channel message is forwarded over a same route by the nodes of the packet switched network as the data packets of the flow thereby enabling OAM functionality to be accurately performed for the pseudo wire.

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

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS OF RECELLULARIZING A TISSUE OR ORGAN FOR IMPROVED TRANSPLANTABILITY

(51) International classification	:A61L27/36,A61L27/38	(71)Name of Applicant :
(31) Priority Document No	:61/379073	1)REGENTS OF THE UNIVERSITY OF MINNESOTA
(32) Priority Date	:01/09/2010	Address of Applicant :1000 Westgate Drive Suite 160 St. Paul
(33) Name of priority country	:U.S.A.	Minnesota 55114 8658 U.S.A.
(86) International Application No	:PCT/US2011/050266	(72)Name of Inventor :
Filing Date	:01/09/2011	1)TAYLOR Doris
(87) International Publication No	:WO 2012/031162	2)KREN Stefan M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein are methods of recellularizing an organ or tissue matrix.

No. of Pages : 51 No. of Claims : 24

(21) Application No.2852/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A23L1/162,A23G3/34	(71)Name of Applicant :
(31) Priority Document No	:2010214055	1)NISSIN FOODS HOLDINGS CO. LTD.
(32) Priority Date	:24/09/2010	Address of Applicant :1 1 Nishinakajima 4 chome Yodogawa
(33) Name of priority country	:Japan	ku Osaka shi Osaka 5328524 Japan
(86) International Application No	:PCT/JP2011/071881	(72)Name of Inventor :
Filing Date	:26/09/2011	1)MINAMITANI Koshi
(87) International Publication No	:WO 2012/039495	2)TANAKA Mitsuru
(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 : PROCESS FOR PRODUCTION OF FRIED NOODLES

(57) Abstract :

It is an object of the present invention to provide a solar cell module excellent in reliability that can prevent yield decrease in the manufacture of a solar cell module, and, in addition, sufficiently maintain the characteristics of the solar battery even after a temperature cycle test. The present invention provides a solar cell module comprising a connection structure in which a plurality of solar cells each having electrodes on both surfaces are electrically connected to each other by a wiring member, wherein the connection structure includes a metal portion prepared by melting of a metal having a melting temperature of 200°C or less, electrically connecting the electrode to the wiring member, and a resin portion adhering the electrode to the wiring member.

No. of Pages : 29 No. of Claims : 3

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : BLENDER B	LADE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B02C18/12 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VITA MIX CORPORATION <ul> <li>Address of Applicant :8615 Usher Road Olmsted Township</li> <li>OH 44138 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)RUKAVINA Steve</li> </ul> </li> </ul>

#### (57) Abstract :

A blender blade or blade for being mounted to an interior base of a blender container for rotation about a vertical axis is described. The blade includes at least two blade wings such that it may include four blade wings. The blade includes a body first transition section second transition section first blade wing and second blade wing. Body includes an aperture wherein the body is located on a first horizontal plane. First and second transition section wherein the first blade wing is located on a second horizontal plane. Second blade wing extends outwardly from the first transition section wherein the first blade wing is located on a third horizontal plane. The blade is a one piece blade and can process approximately 6 48 ounces of working medium.

No. of Pages : 52 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : REDUCING ACCESS NETWORK CONGESTION CAUSED BY OVERSUBSCRIPTION OF MULTICAST GROUPS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04L12/18,H04L12/56 :12/891565 :27/09/2010 :U.S.A. :PCT/IB2011/054128 :20/09/2011 :WO 2012/042435 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)SHAH Kunal R.</li> <li>2)NANDA Avoy</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

A multicast router is coupled with a multicast enabled layer 2 device that is coupled with a source of multicast data traffic for multicast groups. Responsive to determining that the amount of bandwidth currently being attributed as being used by the subscriber exceeds its allowed bandwidth limit due to oversubscription of multicast groups the multicast router switches from periodically transmitting multicast membership general query messages to the multicast hosts of the subscriber to transmitting one or more multicast membership group specific query messages to one or more multicast hosts of the subscriber for a subset of the subscribed multicast groups to impede the subscribed multicast groups that are not part of the subset from being refreshed to cause the multicast data traffic for those multicast groups from being transmitted on the access network to the multicast hosts of the subscriber.

No. of Pages : 45 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING DIHYDROPTERIDINONES AND INTERMEDIATES THEREOF

(51) International classification (31) Priority Document No	:C07D475/00,A61K31/525 :10187194.5	(71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:12/10/2010	GMBH
(33) Name of priority country	:EPO	Address of Applicant :Binger Str. 173 55216 Ingelheim Am
(86) International Application No	:PCT/EP2011/067696	Rhein Germany
Filing Date	:11/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/049153	1)SCHNAUBELT Juergen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)HERTER Rolf
(62) Divisional to Application Numbe	r :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for manufacturing dihydropteridinones of general formula (12) as well as intermediates thereof wherein the groups R R R R and R have the meanings given in the claims and specification.

No. of Pages : 45 No. of Claims : 15

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : PREPARATION METHOD OF SUPERABSORBENT POLYMER

(31) Priority Document No:102010(32) Priority Date:30/11/2(33) Name of priority country:Republic(86) International Application	2010       150         lic of Korea       150         IR2011/009118       1         2011       2         012/074254       3         6       6	1)Name of Applicant : 1)LG CHEM LTD. Address of Applicant :20 Yoido dong Youngdungpo gu Seoul 50 721 Republic of Korea 2)Name of Inventor : 1)WON Tae Young 2)HAN Chang Sun 3)KIM Gi Cheul 4)LEE Sang Gi 5)KIM, KYU-PAL 6)PARK Sung Soo 7)LEEM, GYU
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#### (57) Abstract :

(19) INDIA

The present invention relates to a preparation method of a superabsorbent polymer and specifically to a method of preparing a superabsorbent polymer including the steps of: preparing a hydrous gel phase polymer by thermal polymerizing or photo polymerizing a monomer composition including a water soluble ethylene based unsaturated monomer and a polymerization initiator; drying the hydrous gel phase polymer; milling the dried polymer; classifying the milled hydrous gel phase polymer into two or more grades by particle size; adding a surface cross linking agent to each hydrous gel phase polymer classified into two or more grades; and carrying out a surface cross linking reaction of the hydrous gel phase polymer to which the surface cross linking agent is added.

No. of Pages : 36 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/04/2013

(54) Title of the invention : A TOY BUILDING SETP

#### (43) Publication Date : 14/11/2014

· · · ·		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:A63H33/04,A63H33/08 :PA 2010 00953 :21/10/2010 :Denmark	<ul> <li>(71)Name of Applicant :</li> <li>1)LEGO A/S Address of Applicant :Aastvej 1 DK 7190 Billund Denmark</li> <li>(72)Name of Inventor :</li> </ul>
<ul><li>(86) International Application No Filing Date</li><li>(87) International Publication No</li></ul>	:PCT/DK2011/050391 :18/10/2011 :WO 2012/052025	1)RYAA Jan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A toy building element comprising toy building elements for building a turntable, said toy building elements comprising a first type which is provided with a rotation 5 shaft and at least one second and one third type of toy building elements, each of which can be interconnected with the first type for forming a turntable; and wherein the toy building elements are configured such that, when the first and the second type of toy building element are interconnected, a higher coupling force is accomplished than the one which is accomplished when the first and the third type 10 of toy building element are interconnected.

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

# (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : SURGICAL INSTRUMENT HAVING A POWER CONTROL CIRCUIT

(51) International classification	:A61B17/072,H01M10/44,H02J7/00	(71)Name of Applicant : 1)ETHICON ENDO SURGERY INC.
(31) Priority Document No	:12/896381	Address of Applicant :4545 Creek Road Cincinnati OH 45242
(32) Priority Date	:01/10/2010	U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:27/09/2011	1)LEIMBACH Richard L. 2)SCHWEMBERGER Richard F. 3)SWENSGARD Brett E.
(87) International Publication No	:WO 2012/044597	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Various embodiments are directed to a powered surgical instrument for cutting and fastening tissue. The instrument may comprise an end effector (104) comprising a first jaw member and a second jaw member (112). The second jaw member may be coupled to move relative to the first jaw member from an open position where the jaw members are apart from one another to a closed position. The end effector may also comprise a firing bar (108) positioned to fire by translating within the end effector when the first and second jaw members are in the closed position. Additionally the surgical instrument may comprise a drive device (130) a clamping trigger (120) and a control circuit. The drive device may be mechanically coupled to the firing bar. The clamping trigger may be mechanically coupled to the end effector such that actuation of the clamping trigger causes the second jaw member to pivot towards the first jaw member. The control circuit (1200) may comprise a firing switch (220) a clamp switch (1206) a latching device (1208) and an end of stroke sensor (1204). The firing switch may be configured to be in electrical communication with a power supply (506) for powering the drive device and in electrical communication with the drive device. The clamp switch the power supply and the drive device. The end of stroke switch may be in electrical communication with the latching device. Additionally the firing switch may be electrically connected to upon actuation connect the power supply to the drive device via a first connection comprising the latching device and the firing switch. Further the end of stroke switch may be electrically connected to upon sensing an end of a stroke of the firing bar cause a change in a state of the latching device to break the first connection between the power supply and the drive device.

No. of Pages : 86 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04N7/15,H04N7/173	(71)Name of Applicant :
(31) Priority Document No	:2010227868	1)SONY CORPORATION
(32) Priority Date	:07/10/2010	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/005535	(72)Name of Inventor :
Filing Date	:30/09/2011	1)SAKAI Yusuke
(87) International Publication No	:WO 2012/046425	2)KONDO Masao
(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 : INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD

# (57) Abstract :

To provide an information processing device and information processing method that enable a user to be aware of which user of another 5 information processing device has performed an expression. [Solution] Provided is an information processing device enabling a user to be aware of which user of another device has performed an expression. An information processing device (200) receives a predetermined signal related to an expression of a user of another information processing device (500, 700), detects a face from a captured image in the predetermined signal, recognizes a user of the device (500, 700) based on the face detection result, displays a display image where a user image representing the user of the device (500, 700) is displayed for each user on a display screen, and further recognizes a user having performed the expression and a detail of the expression from the predetermined signal, and displays a display image where the user image representing the user having performed the expression and the deatail of the expression are further displayed in association on the display screen.

No. of Pages : 55 No. of Claims : 20

# (19) INDIA

(22) Date of filing of Application :02/04/2013

(54) Title of the invention · FITTING FOR A VEHICLE SEAT

#### (43) Publication Date : 14/11/2014

(34) The of the invention . THTING FOR A VEHICLE SEAT		
(51) International classification	:B60N2/235,B60N2/433	(71)Name of Applicant :
(31) Priority Document No	:10 2010 053 525.7	1)KEIPER GMBH & CO. KG
(32) Priority Date	:01/12/2010	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2011/005930	(72)Name of Inventor :
Filing Date	:25/11/2011	1)PETERS Christoph
(87) International Publication No	:WO 2012/072216	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a fitting (10) for a vehicle seat comprising a first fitting part and a second fitting part which can be rotated relative to each other about an axis (A) bolts (16) which in the locked state interact with a toothed ring on the first fitting part in order to lock the fitting (10) and a rotatably mounted eccentric (27) which acts on the bolts (16) when changing from the unlocked state to the locked state by means of rotation in a closing direction (c). When in the locked state without any external torque a first eccentric cam (27a) and a first locking cam (16a) are in contact with each other at a first contact point (P1) and there is a gap between the second eccentric cam (27b) and a second locking cam (16b). Starting at a specific external torque the second eccentric cam (27b) and the second locking cam (16b) are in contact with each other at a second contact point (P2) at the first contact point (P1) a first wedge angle (a) is positive and at the second contact point (P2) a second wedge angle () is negative.

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

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LIQUID METERING PUMP AND DEVICE FOR DETECTING THE VARIATION IN PRESSURE FOR SUCH A PUMP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:PCT/IB2011/054258 :28/09/2011 :WO 2012/046162 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOSATRON INTERNATIONAL Address of Applicant :Rue Pascal F 33370 Tresses France</li> <li>(72)Name of Inventor :</li> <li>1)LUCAS Gregory</li> <li>2)VACHER David</li> <li>3)CHARRIERE Christophe</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The invention relates to a liquid metering pump comprising an intake nozzle (2) provided with an intake valve (3) communicating with a working chamber (4) in which a piston (5) can be moved in an alternating translation movement suction being produced with the intake valve open when the piston moves away from the nozzle and delivery being produced with the intake valve closed and liquid emerging through an outlet valve when the piston moves towards the nozzle; the pump comprises between the intake valve (3) and the working chamber (4) a device (D) for detecting the variation in pressure said device (D) comprising a duct (10) which is connected at one end to the working chamber (4) and is provided at its other end with the intake valve (3) and also a means (11) which is sensitive to the pressure in the duct said means (11) being mounted in the wall of the duct.

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

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

# (54) Title of the invention : SOLID STATE FORMS OF A POTENT HCV INHIBITOR

(51) International classification (31) Priority Document No	:C07D403/14 :61/388242	<ul> <li>(71)Name of Applicant :</li> <li>1)BOEHRINGER INGELHEIM INTERNATIONAL</li> <li>GMBH</li> <li>Address of Applicant :Binger Strasse 173 55216 Ingelheim am</li> </ul>
(32) Priority Date	:30/09/2010	Rhein Germany
<ul> <li>(32) Filolity Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:U.S.A. :PCT/US2011/052869 :23/09/2011 :WO 2012/044520 :NA :NA :NA :NA	(72)Name of Inventor :

(57) Abstract :

This invention relates to novel sodium salt forms of the following Compound (1) and methods for the preparation thereof pharmaceutical compositions thereof and their use in the treatment of Hepatitis C Viral (HCV) infection.

No. of Pages : 80 No. of Claims : 17

(21) Application No.2759/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B60N2/07,B60N2/12	(71)Name of Applicant :
(31) Priority Document No	:10 2010 055 244.5	1)KEIPER GMBH & CO. KG
(32) Priority Date	:20/12/2010	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2011/005931	(72)Name of Inventor :
Filing Date	:25/11/2011	1)TEUFEL Ingo
(87) International Publication No	:WO 2012/084116	2)SCHUMANN Kai
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

# (54) Title of the invention : LONGITUDINALLY ADJUSTABLE VEHICLE SEAT

(57) Abstract :

The invention relates to a longitudinally adjustable vehicle seat (1) comprising at least one rail pair (10) a first rail (12) which is fixed to the structure a second rail (13) which is guided in the first rail (12) and which is connected to the vehicle seat (1) a releasable locking device (6) for locking the position of the first rail (12) relative to the second rail (13) in a releasable manner a first end stop a second end stop and a third end stop which limit the movability of the rail pair (10) wherein one of the end stops (6) can be disabled by means of a stop surface (13) that can be moved out of the path of travel of the rails (12 13). The movable stop surface (13) is arranged on the second rail (13) which is fixed to the seat and the end stop (6) that can be disabled on which the movable stop surface (13) is formed can be actuated together with the locking device (6) in order for an easy entry position to be assumed.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : RATCHETED SPINAL DEVICE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)APIFIX LTD.</li> <li>Address of Applicant :The Trendlines Building 17 Techelet</li> <li>(Sky) St. Misgav Business Park 20174 Misgav Israel</li> <li>2)KLEIN David</li> <li>(72)Name of Inventor :</li> <li>1)ARNIN Uri</li> </ul>

(57) Abstract :

A ratcheted spinal device including a variable length member including a ratchet mechanism that has an operative configuration that allows a change in length of the variable length member in one direction and prevents a change in length of the variable length member in an opposite direction wherein the variable length member includes polyaxial joint attachment members for attachment to bone which permit pivoting movement of the attachment members about more than one pivoting axis.

No. of Pages : 18 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : CONTROL OF TRIFLURALIN RESISTANT WEEDS WITH DITHIOPYR

(51) International classification	:A01N25/00	(71)Name of Applicant :
(31) Priority Document No	:61/391142	1)DOW AGROSCIENCES LLC
(32) Priority Date	:08/10/2010	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/054834	(72)Name of Inventor :
Filing Date	:05/10/2011	1)WELLS Gregory S.
(87) International Publication No	:WO 2012/047944	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Methods for controlling the growth of trifluralin-resistant annual ryegrass in cereals using dithiopyr are described. The methods include contacting the locus of the cereal, at planting or before weed emergence, with an herbicidally effective amount of dithiopyr. The dithiopyr can be applied to the soil and either incorporated into the soil at the time of planting the cereal or applied post-planting to the soil surface before the weeds have emerged.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : THREADED TUBULAR COMPONENT AND RESULTING CONNECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:C10M169/04,C09D7/12 :10/04071 :15/10/2010 :France :PCT/EP2011/067767 :12/10/2011 :WO 2012/049194 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VALLOUREC MANNESMANN OIL &amp; GAS FRANCE Address of Applicant :54 rue Anatole France F 59620 Aulnoye Aymeries France</li> <li>2)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>(72)Name of Inventor :</li> <li>1)GARD Eric</li> <li>2)PINEL Eliette</li> <li>3)PETIT Mikael</li> <li>4)GOUIDER Mohamed</li> </ul>
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(57) Abstract :

The invention concerns a threaded tubular component for drilling or working hydrocarbon wells, said tubular component having at one of its ends (1; 2) a threaded zone (3; 4) produced on its 5 outer or inner peripheral surface depending on whether the threaded end is male or female in type, characterized in that at least a portion of the end (1; 2) is coated with a lubricating dry film (12) the matrix (13) of which comprises at least one migrating sliding agent (9) belonging to the oils or waxes family and principally distributed at the surface of the lubricating dry film (12) such that the coefficient of friction of the film (12) is less than 0.07 at loads of less than 40 N while the i 10 coefficient of friction of the film (12) is more than 0.1 at loads of more than 200 N.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : AUSTENITE HIGH MANGANESE STAINLESS STEEL MANUFACTURING METHOD THEREFOR AND MEMBER USING SAID STEEL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C22C38/00,C21D8/00,C22C38/58 :2010219396 :29/09/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)Nippon Steel &amp; Sumikin Stainless Steel Corporation Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku Tokyo 1000004 Japan</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/JP2011/073030 :29/09/2011 :WO 2012/043877	<ul> <li>(72)Name of Inventor :</li> <li>1)HATANO Masaharu</li> <li>2)FUKUMOTO Shigeo</li> <li>3)FUJII Hideki</li> <li>4)OHMIYA Shinichi</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

Inexpensive stainless steel and inexpensive and high strength stainless steel which has excellent hydrogen 5 environment embrittlement resistance even if used in a hydrogen resistant environment in over 4 0 MPa high pressure hydrogen gas or a hydrogen resistant environment in liquid hydrogen, characterized by containing, by mass%, C: 0.1% or less, Si: 0.4 to 1.5%, Mn: 8 to 11%, 10 Cr: 15 to 17%, Ni: 5 to 8%, Cu: 1 to 4%, and N: 0.01 to less than 0.15% and having a balance of Fe and unavoidable impurities, having a volume rate of 8-ferrite of 10% or less, and having a long axis of 8-ferrite before annealing of 0.04 to 0.1 mm.

No. of Pages : 39 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : IMPROVED LEAD ACID BATTERY SEPARATORS BATTERIES AND RELATED METHODS (51) International classification :H01M2/16 (71)Name of Applicant : 1)DARAMIC LLC (31) Priority Document No :61/385253 Address of Applicant :13800 South Lakes Drive Charlotte NC (32) Priority Date :22/09/2010 (33) Name of priority country :U.S.A. 28273 U.S.A. :PCT/US2011/052719 (72)Name of Inventor: (86) International Application No Filing Date :22/09/2011 1)WHEAR J. Kevin (87) International Publication No :WO 2012/040436 2)MILLER Eric H. (61) Patent of Addition to Application **3)ROBERTS Margaret R.** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract :

In accordance with at least selected embodiments or aspects the present invention is directed to improved unique and/or complex performance lead acid battery separators such as improved flooded lead acid battery separators batteries including such separators methods of production and/or methods of use. The preferred battery separator of the present invention addresses and optimizes multiple separator properties simultaneously. It is believed that the present invention is the first to recognize the need to address multiple separator properties simultaneously the first to choose particular multiple separator property combinations and the first to produce commercially viable multiple property battery separators especially such a separator having negative cross ribs.

No. of Pages : 97 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : MACACA FASCICULARIS CCL17			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01N33/53,C12Q1/02 :61/386695 :27/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)JANSSEN BIOTECH INC. Address of Applicant :800/850 Ridgeview Drive Horsham PA 19044 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NASO Michael</li> <li>2)RYAN Mary</li> <li>3)SANTULLI MAROTTO Sandra</li> <li>4)SWENCKI UNDERWOOD Bethany</li> </ul>	

(57) Abstract :

Isolated polynucleotides encoding Macaca fascicularis CCL17 (CynoCCL17) polypeptides obtainable from expression of these polynucleotides recombinant cells and methods of use are disclosed.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A62C3/07	(71)Name of Applicant :
(31) Priority Document No	:12/907872	1)FIRETRACE USA LLC
(32) Priority Date	:19/10/2010	Address of Applicant :8435 N. 90th Street Suite 2 Scottsdale
(33) Name of priority country	:U.S.A.	AZ 85258 U.S.A.
(86) International Application No	:PCT/US2011/045694	(72)Name of Inventor :
Filing Date	:28/07/2011	1)ECKHOLM William A.
(87) International Publication No	:WO 2012/054116	2)SAMPSON Matthew
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l.

# (54) Title of the invention : METHODS AND APPARATUS FOR HAZARD CONTROL AND SIGNALING

(57) Abstract :

A hazard control system according to various aspects of the present invention is configured to deliver a control material in response to detection of a hazard and signal a secondary hazard detection system that an event.has occurred. In one embodiment the hazard control system comprises a pressure tube having an internal pressure that is configured to leak in response to exposure to heat. The leak changes the internal pressure and generates a pneumatic signal. A valve may be coupled to the pressure tube and be configured to release the control material from a container is response to the pneumatic signal A second valve may also be coupled to the pressure tube aod be configured to provide a signal to the secondary hazard detection system in response to the pneumatic signal.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04B7/185	(71)Name of Applicant :
(31) Priority Document No	:1015801.2	1)NEWTEC CY N.V.
(32) Priority Date	:21/09/2010	Address of Applicant : Laarstraat 5 B 9100 Sint Niklaas
(33) Name of priority country	:U.K.	Belgium
(86) International Application No	:PCT/EP2011/066239	(72)Name of Inventor :
Filing Date	:19/09/2011	1)ROLLE Alain
(87) International Publication No	:WO 2012/038380	2)BREYNAERT Dirk
(61) Patent of Addition to Application	:NA	3)DELARUELLE Daniel
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

# (54) Title of the invention : MULTIPLE ACCESS TRANSMISSION SCHEME FOR A WIRELESS SYSTEM

(57) Abstract :

A wireless multiple access communication system (5) comprises a forward link (31) to a terminal (40) and a return link (32) from a terminal (40). The return link (32) uses a medium which is shared between terminals (40) on the basis of time and frequency. A terminal (40) transmits a return link signal (32) from the terminal comprising a sequence of transmission slots (51 52 53) each transmission slot being defined as a time slot and carrier frequency wherein carrier frequency and symbol rate can change between transmission slots. The return link signal (32) is transmitted continuously across the sequence of transmission slots (51 52 53). The terminal can transmit a return link signal (32) which is phase continuous across the transmission slots.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : HYDROCARBON POLYMER MODIFIERS FOR ELASTOMERIC COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:C08L21/00,B60C1/00,C08L23/20 :61/392751 :13/10/2010 :U.S.A. :PCT/US2011/048049 :17/08/2011 :WO 2012/050657	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 Bayway Drive Baytown TX</li> <li>77520 2101 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BLOK Edward J</li> <li>2)DIAS Anthony J.</li> <li>3)CLAASSEN II Robert J.</li> <li>4)BARBEE Thomas R.</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An elastomeric composition incorporating a hydrocarbon polymer modifier including piperylene cyclic pentadiene and aromatic components and having a softening point from  $80^{\circ}$ C to  $160^{\circ}$ C z average molecular weight greater than 10 000 and at least 1 mole percent aromatic hydrogen based on the total moles of hydrogen in the modifier. In a method the elastomeric composition is processed with a cure package into a composition in the desired shape which is cured to form the article. The modifier may optionally be immiscible with an elastomer in the composition and/or co cured with the elastomer or filler in the composition. A tire or tire component may include the elastomeric composition.

No. of Pages : 39 No. of Claims : 23

#### (19) INDIA

(22) Date of filing of Application :28/03/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : HYSTEROSCOPIC SYSTEM

(51) International classification	:A61B1/015,A61B1/018,A61B1/307	(71)Name of Applicant : 1)SMITH & NEPHEW INC.
(31) Priority Document No	:12/892355	Address of Applicant :150 Minuteman Road Andover MA
(32) Priority Date	:28/09/2010	01810 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/053753 :28/09/2011	1)SAHNEY Mira 2)SHENER IRMAKOGLU Cemal
(87) International Publication	<sup>1</sup> :WO 2012/044705	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hysteroscopy system includes a scope having an internal channel a sheath removably coupled to the scope and an outflow channel. The sheath has a distal flange extending internally towards an outer surface of the scope. The outflow channel is formed between an inner surface of the sheath and an outer surface of the scope. The distal flange forms a distal end of the outflow channel and is generally located between the scope and the sheath.

No. of Pages : 24 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : FACTOR II AND FIBRINOGEN FOR TREATMENT OF HAEMOSTATIC DISORDERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:A61K38/36,A61K38/48,A61P7/04 :61/390224 :06/10/2010 :U.S.A. :PCT/EP2011/066241 :19/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)MEDIMMUNE LIMITED Address of Applicant :Milstein Building Granta Park Cambridge Cambridgeshire CB21 6GH U.K. </li> <li>(72)Name of Inventor : 1)LOVGREN Ann 2)HANSSON Kenny</li></ul>
(87) International Publication No	:WO 2012/045569	
(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 normalizing impaired haemostasis comprising administering a clotting factor treatment selected from the group consisting of (1) FII; (2) PCC; and (3) a three factor combination of FII FX and FVIIa. The clotting factor treatment can be administered in combination with fibrinogen. The clotting factor(s) can be recombinant human clotting factor(s).

No. of Pages : 55 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : OVER RATED OUTPUT CONTROL IN WIND TURBINES AND WIND POWER PLANTS (51) International classification :F03D7/04,F03D7/02 (71)Name of Applicant : 1) VESTAS WIND SYSTEMS A/S (31) Priority Document No :1016493.7 (32) Priority Date :30/09/2010 Address of Applicant :Hedeager 44 DK 8200 Aarhus N (33) Name of priority country :U.K. Denmark (86) International Application No :PCT/DK2011/050366 (72)Name of Inventor : Filing Date :30/09/2011 1)COUCHMAN Ian (87) International Publication No :WO 2012/041326 2)SPRUCE Chris (61) Patent of Addition to Application **3)TURNER Judith** :NA Number **4)EVANS Martin** :NA Filing Date **5)BOWYER Robert** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Wind turbines of a wind power plant may be selectively over rated by measuring the difference between the nominal and actual power plant outputs and deriving an over rating request signal based on that difference which is sent to each turbine. The same value may be sent to each turbine. Alternatively each turbine may be given its own over rating amount based on an optimisation of the turbine. Over rating may also be used when external economic factors such as energy costs are sufficiently high to outweigh any potential harmful effect of over rating. The fatigue lifetime of turbines and their critical components may also be taken into account when deciding whether and to what extent to implement an over rating command.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD AND DEVICE FOR ACTUATING AN INJECTOR IN A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	1 :F02D41/20,F02D41/22,H01F7/18 :10 2010 042 853.1 :25/10/2010 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/EP2011/067077 :30/09/2011 :WO 2012/055667	<ul><li>(72)Name of Inventor :</li><li>1)HAMEDOVIC Haris</li><li>2)FISCHER Wolfgang</li><li>3)SEULING Silke</li></ul>
(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 device and a method for actuating an injector in a fuel injection system of an internal combustion engine. Proceeding from an actuating characteristic, an injector characteristic that characterizes the injection process is determined by means of a first calibration process (200). Proceeding from said injector characteristic, a first feature (MI) for calibrating the injector is determined. Proceeding from an engine characteristic (N), a second feature (M2) for calibrating the injector is determined in a second calibration process (M2). Proceeding from the second feature, the first calibration process is monitored.

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

# (19) INDIA

(22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : PNEUMATIC TIRE

(51) International classification	:B60C11/11,B60C11/01,B60C11/04	(71)Name of Applicant : 1)BRIDGESTONE CORPORATION
(31) Priority Document No	:2010196873	Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo
(32) Priority Date	:02/09/2010	1048340 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	<sup>1</sup> :PCT/JP2011/070073 :02/09/2011	1)NARUO Makoto
(87) International Publication No	:WO 2012/029959	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>1</sup> :NA :NA	

(57) Abstract :

Provided is a pneumatic tire having blocks which are formed on a tread and have improved external damage resis tance. The pneumatic tire (10) has a plurality of blocks (22, 26, 30) wmch are formed on the tread (12) and which are provided with inner notches (34, 36, 38) by notching the corners on the depression side on the inside of the width direction of the tire. That is, since the corners susceptible to external damage are eliminated on the inside of the width direction of the tire on the depression side of each block (22, 26, 30), the external damage resistance of each block (22, 26, 30) can be improved. Furthermore, the inner notches (34) provided on the center blocks (22) are notched by a greater amount than the other inner notches (36, 38). That is, be cause the tire equator side (CL) of the tread (12) is subjected to a higher ground contact pressure than the shoulder side, and the center blocks (22) in particular thus tend to be subjected to external damage, the size of the inner notches (34) is notably increased to improve external damage resistance.

No. of Pages : 25 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURGICAL INSTRUMENT WITH JAW MEMBER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B18/14 :12/896420 :01/10/2010 :U.S.A. :PCT/US2011/053413 :27/09/2011 :WO 2012/044606 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ETHICON ENDO SURGERY INC.</li> <li>Address of Applicant :4545 Creek Road Cincinnati OH 45242</li> </ol> </li> <li>U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>DAVISON Mark A.</li> <li>BOUDREAUX Chad P.</li> <li>KILLINGER Scott B.</li> <li>BATROSS Jonathan T.</li> <li>GIORDANO James R.</li> <li>TREES Gregory A.</li> <li>WANG Bingshi</li> <li>VOEGELE Aaron C.</li> <li>NORVELL David K.</li> <li>BARBERA Nathaniel F.</li> <li>FELDER Kevin D.</li> </ol> </li> </ul>
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(57) Abstract :

A surgical instrument for supplying energy to tissue may comprise a handle a trigger an electrical input and a shaft extending from the handle. The surgical instrument may comprise and end effector first and second tissue engaging surfaces that are slanted with respect to a transection plane. The end effector may for example have an electrode defining a V shaped cross sectional profile. The end effector may comprise a plurality of raised surfaces that are received by a plurality of indentions when the end effector is in the closed position. The end effector may comprise a cutting member having a plurality of bands. A surgical instrument for supplying energy to tissue may comprise a handle a trigger an electrical input and a shaft extending from the handle. The surgical instrument may comprise an end effector. The end effector may comprise a cammed compression surface. The end effector may comprise an electrode comprise an overload member.

No. of Pages : 88 No. of Claims : 41

(21) Application No.2922/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : CUTTING TOOLS AND CUTTING INSERTS INCLUDING INTERNAL COOLING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:B23C5/28,B23C5/22,B23D77/00 :12/900544 :08/10/2010 :U.S.A. :PCT/US2011/051281 :13/09/2011 :WO 2012/047455 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>TDY INDUSTRIES INC.</li> <li>Address of Applicant :1000 Six PPG Place Pittsburgh</li> </ol> </li> <li>Pennsylvania 15222 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>FANG Daniel X.</li> <li>DUFOUR Jean Luc</li> <li>WILLS David J.</li> </ol> </li> </ul>
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(57) Abstract :

A cutting tool comprises a cutting insert (10) a tool holder (15) and a fastener (13). The cutting insert (10) comprises a cutting edge (20) and a fastener bore (12) adapted to accept a fastener (13) for fastening together the cutting insert (10) and tool holder (15). A coolant flow recess (11) in the fastener bore (12) is adapted to direct coolant though the coolant flow recess (11) and toward a head portion (19) of the fastener (13). The tool holder (15) comprises an insert pocket (22) adapted to removably fasten the cutting insert (10) and fastener (13) to the tool holder (15) and a coolant bore (16) adapted to direct the coolant from the tool holder (15) to the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12). The head portion (19) of the fastener (13) and the coolant flow recess (11) of the fastener bore (12).

No. of Pages : 38 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : HEAVY LOAD PNEUMATIC TIRE			
<ul> <li>(54) Fifte of the invention : HEAVY LO</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BRIDGESTONE CORPORATION Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor : 1)HAGIWARA Teruhiko </li> </ul>	

(57) Abstract :

A heavy duty pneumatic tire is obtained capable of suppressing tread pattern pull and also improving wet weather performance. In a heavy duty pneumatic tire (10), second shallow grooves (28) and second sipes (26) inclined ascending towards the left with respect to the tire width direction are formed to second ribs (24L, 24R), whilst shallow grooves and sipes are not formed to shoulder ribs (32). Center shallow grooves (20) inclined ascending towards the left with respect to the tire width direction, and center sipes (22) inclined ascending towards the right with respect to the tire [ width direction are formed to a center rib (18). The center shallow grooves (20) and the center sipes (22) intersect with each other, respectively increasing the edge component of the center rib (18).

No. of Pages : 19 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : HEAT RESISTANT FERRITIC CAST STEEL HAVING EXCELLENT MELT FLOWABILITY FREEDOM FROM GAS DEFECT TOUGHNESS AND MACHINABILITY AND EXHAUST SYSTEM COMPONENT COMPRISING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/00,C22C38/60 :2010223366 :01/10/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI METALS LTD. Address of Applicant :2 1 Shibaura 1 chome Minato ku Tokyo 1058614 Japan</li> </ul>
(86) International Application No Filing Date	:PCT/JP2011/072811 :03/10/2011	(72)Name of Inventor : 1)KAWABATA Masahide
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li></ul>	:WO 2012/043860 :NA :NA	2)KURIBAYASHI Hideo 3)HAYAKAWA Junji
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A heat-resistant, ferritic cast steel having excellent melt flowability, gas defect resistance, toughness and machinability, which has a composition comprising by mass, C: 0.32-0.45%, Si: 0.85% or less, Mn: 0.15-2%, Ni: 1.5% 5 or less, Cr: 16-23%, Nb: 3.2-4.5%, Nb/C: 9-11.5, N: 0.15% or less, S: (Nb/20 - 0.1) to 0.2%, W and/or Mo: 3.2% or less in total (W + Mo), the balance being Fe and inevitable impurities, and a structure in which the area ratio of a eutectic (8 + NbC) phase of 8 ferrite and Nb carbide (NbC) is 60-80%), and the area ratio of manganese chromium sulfide (MnCr)S is 0.2-1.2%), and an exhaust member 10 made thereof.

No. of Pages : 43 No. of Claims : 2

(22) Date of filing of Application :01/04/2013

# (54) Title of the invention : DEVICES AND TECHNIQUES FOR CUTTING AND COAGULATING TISSUE

(31) Priority Document No:12/89635(32) Priority Date:01/10/201(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2Filing Date:27/09/201	2010       (72)Name of Inventor :         1)MESSERLY Jeffrey D.         JS2011/053404       2)WIENER Eitan T.
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(57) Abstract :

Various embodiments are directed to an apparatus and method of driving an end effector coupled to an ultrasonic drive system of a surgical instrument. The method comprises generating at least one electrical signal. The at least one electrical signal is monitored against a first set of logic conditions.

No. of Pages : 128 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BEARINGS FOR DOWNHOLE TOOLS DOWNHOLE TOOLS INCORPORATING SUCH BEARINGS AND METHODS OF COOLING SUCH BEARINGS

(31) Priority Document No:61(32) Priority Date:01(33) Name of priority country:U.(86) International Application No:PCFiling Date:30	21B10/22,E21B10/24 /388998 /10/2010 .S.A. CT/US2011/054293 0/09/2011 'O 2012/044973 A A A	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 4740</li> <li>U.S.A.</li> <li>2)ELEMENT SIX LIMITED</li> <li>(72)Name of Inventor :</li> <li>1)FLORES Alejandro</li> <li>2)DICK Aaron J.</li> <li>3)LIN Chih</li> <li>4)BRADFORD John F.</li> <li>5)VAN STADEN Louise F.</li> <li>6)SWANEPOEL Gregory B.</li> <li>7)VAN DER RIET Clement D.</li> <li>8)WAI Siu wah</li> <li>9)VUKOVIC Dragan</li> <li>10)TANK Klaus</li> </ul>
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# (57) Abstract :

Bearings for downhole tools including a first bearing member and a second bearing member at least one of the first and second bearing members having a channel formed therein. Methods of cooling bearings of downhole tools comprise flowing a fluid within a channel formed in at least one bearing member. Heat is transferred from at least the at least one bearing member to the fluid. The fluid is flowed away from the at least one bearing member.

No. of Pages : 54 No. of Claims : 20

(21) Application No.2924/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PA 2010 70445 :20/10/2010 :Denmark :PCT/DK2011/050397 :20/10/2011 :WO 2012/052031 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COLOPLAST A/S <ul> <li>Address of Applicant :Holtedam 1 DK 3050 Humlebaek</li> </ul> </li> <li>Denmark </li> <li>(72)Name of Inventor : <ul> <li>1)HANSEN Michael</li> <li>2)ISRAELSON Dorrit Diana</li> <li>3)EDVARDSEN Henrik</li> </ul> </li> </ul>
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# (54) Title of the invention : A BASE PLATE FOR AN OSTOMY APPLIANCE

(57) Abstract :

Disclosed is abase plate 1 for an ostomy collection device comprising a cover layer 2 whereon an adhesive layer 3 is at least partly disposed. Immediately surrounding a through going hole 6 the base plate has an inner area wherein the cover layer extends beyond the adhesive layer in a radial direction toward the through going hole thereby providing an overlap7 protecting the adhesive material from contact with stomal output.

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : OSTOMY BAG WITH OUTER ROTATABLE ADHESIVE FITTING WAFER

:20/10/2011 :WO 2012/052032 :NA :NA	1)COLOPLAST A/S Address of Applicant :Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor : 1)STROEBECH Esben 2)BACH Anders
:NA :NA :NA	
	:Denmark :PCT/DK2011/050398 :20/10/2011 :WO 2012/052032 :NA :NA :NA

(57) Abstract :

Disclosed is an ostomy bag 1 having an outer rotatable adhesive fitting wafer 15 attached thereto. This offers a higher degree of customization to the user as the user may cut the adhesive fitting wafer in such a way that it fits to the contour of the skin and the user may also rotate the ostomy bag relative to the wafer in order to achieve a desired orientation of the ostomy bag.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : DEVICE FOR MIXING A STREAM OF INLET GASES AND OF RECIRCULATED EXHAUST GASES COMPRISING INSULATING MEANS FOR THE RECIRCULATED EXHAUST GASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:F02M25/07,F02M35/10 :1003814 :27/09/2010 :France :PCT/EP2011/063034 :28/07/2011 :WO 2012/041563 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VALEO SYSTEMES THERMIQUES Address of Applicant :8 rue Louis Lormand La Verri¨re F</li> <li>78320 Le Mesnil Saint Denis France</li> <li>(72)Name of Inventor :</li> <li>1)ODILLARD Laurent</li> <li>2)DEVEDEUX Sbastien</li> <li>3)GALLAND Jean Pierre</li> <li>4)BURGOLD Sven</li> </ul>
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to a device (1) for mixing a stream of supercharging air and a stream of recirculated exhaust gases. The device comprises: 10 - a manifold allowing the stream of air and the stream of recirculated gases to be mixed, and allowing the mixture to be distributed in the cylinder head, means (12) for conveying recirculated exhaust gases in said manifold that allow the distributed injection of the recirculated exhaust gases into the stream of supercharging air. 15 The device additionally comprises means (21) for thermally insulating the conveying means (12) in order to limit the cooling of the recirculated exhaust gases by the supercharging air.

No. of Pages : 16 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : USE OF BOSWELLIC ACIDS FOR THE PROPHYLAXIS AND/OR TREATMENT OF DAMAGES AND/OR INFLAMMATION OF THE ISLETS OF LANGERHANS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:10178222.5 :22/09/2010 :EPO :PCT/EP2011/065431 :07/09/2011 :WO 2012/038251 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG</li> <li>DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastrae 27c 80686 M¼nchen</li> <li>Germany</li> <li>(72)Name of Inventor :</li> <li>1)AMMON Hermann P. T.</li> </ul>
Filing Date	:NA :NA	

### (57) Abstract :

The invention relates to the use of boswellic acids such as acetyl 11 keto boswellic acid 11 keto boswellic acid boswellic acid acetyl boswellic acid 9 11 dehydro boswellic acid acetyl 9 11 dehydro boswellic acid a boswellic acid acetyl a boswellic acid 11 dehydro a boswellic acid acetyl 9 11 dehydro a boswellic acid lupeolic acid acetyl lupeolic acid 12 ursene 2 diketone incensole incensole acetate a derivative in particular an ester thereof a physiologically tolerable salt thereof a combination thereof or a preparation containing one or more of these compounds for the human medical or veterinary prophylaxis and/or treatment of a) damage to and/or inflammation of the islets of Langerhans and/or b) damage to the B cells of the islets of Langerhans.

No. of Pages : 51 No. of Claims : 39

(19) INDIA(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : FLUOROPOLYMER BASED FILM FOR PHOTOVOLTAIC APPLICATION

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:C08L27/12,C08J5/18,H01L31/00 :1058328 :13/10/2010 :France :PCT/FR2011/052287 :30/09/2011 :WO 2012/049397 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ARKEMA FRANCE</li> <li>Address of Applicant :420 rue dEstienne dOrves F 92700</li> </ol> </li> <li>Colombes France <ol> <li>(72)Name of Inventor : <ol> <li>BONNET Anthony</li> <li>DEVAUX Nicolas</li> <li>RAMFEL Barbara</li> <li>EMMANUEL VERET</li> <li>BIZET Stphane</li> <li>OBRIEN Gregory</li> </ol> </li> </ol></li></ul>
Number Filing Date		

(57) Abstract :

The present invention relates to a composition comprising a fluoropolymer and two white inorganic fillers said composition being intended for the manufacture of thin monolayer films which are opaque to visible light and to UV rays and which can be used in particular in the field of photovoltaic cells. This composition consists of at least one fluoropolymer and of two white inorganic fillers which are zinc oxide and titanium oxide; they are present in a proportion by weight ranging from 5 to 30% and from 3 to 7.5% respectively. Said composition additionally comprises less than 5% by weight of acrylic polymer with respect to the total weight of the composition.

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

(21) Application No.2869/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : INDUCTIVE POWER TRANSFER PICK UP CIRCUITS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	):PCT/NZ2011/000181 :05/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)AUCKLAND UNISERVICES LIMITED Address of Applicant :Level 10 70 Symonds Street Auckland 1010 New Zealand</li> <li>(72)Name of Inventor :</li> <li>1)COVIC Grant Anthony</li> <li>2)ROBERTSON Daniel James</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

An inductive power transfer (IPT) pick up circuit for receiving power from a primary conductor has a pick up coil (L2) and a compensation capacitor (C2) so that the pick up coil (L2) may be resonant at the system operating frequency a switch (S1 S2) and a plurality of reactive elements (L3 C3) whereby when the switch is in one of an on state or an off state the additional reactive elements (L3 C3) are resonant at the operating frequency to reduce power being supplied to an output of the pick up circuit.

No. of Pages : 31 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SPLIT FLOW EDI APPARATUS FOR TREATING SECOND PASS RO PERMEATE WATER WITH HIGH FLOW RATE

(31) Priority Document No:2384/I(32) Priority Date:04/10/(33) Name of priority country:India(86) International Application No:PCT/UFiling Date:03/10/	Pennsylvania 15317 U.S.A. US2011/054585 (72) <b>Name of Inventor :</b>
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(57) Abstract :

We report an electro deionization (EDI) device having split flow arrangement for the purification of second pass RO permeate water with high flow rate in which the feed water is fed through the center port and is diverted into each section of dilute chamber with equal flow rate producing two product streams. The EDI device has concentrate chambers adjacent to dilute chambers in two sections of the stack allowing independent flow through the separate sections. The split flow design reduces resin bed depth requirement for processing of second pass RO permeate water. This results in higher flow rate through the stack elimination of the pressure drop limitation and reduction of power consumption per unit volume of water.

No. of Pages : 60 No. of Claims : 13

(21) Application No.2928/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LIQUID MENISCUS LENS INCLUDING GRADIENT THICKNESS DIELECTRIC COATING

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:G02B26/02,G02C7/04,G02B3/14 :61/386966 :27/09/2010 :U.S.A. :PCT/US2011/053398 :27/09/2011 :WO 2012/044598 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON &amp; JOHNSON VISION CARE INC. Address of Applicant :7500 Centurion Parkway Jacksonville</li> <li>32256 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PUGH Randall B.</li> <li>2)OTTS Daniel B.</li> <li>3)TONER Adam</li> <li>4)KERNICK Edward R.</li> <li>5)RIALL James Daniel</li> <li>6)SNOOK Sharika</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially in the shape of a conical frustum with portions of gradient thickness dielectric. Other embodiments may include a cylindrical shape meniscus wall. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

No. of Pages : 37 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR MANUFACTURING RUBBER COMPOSITION

### (57) Abstract :

The present invention is a method for manufacturing a rubber composition that contains: a rubber component (A) comprising at least one type of rubber selected from among natural rubbers and synthetic diene rubbers; a filler containing an inorganic filler (B); a silane coupling agent (C); at least one vulcanization accelerator (D) selected from among guanidines sulfenamides and thiazoles; and an organic acid compound (E). Said manufacturing method is characterized in that: said rubber composition is kneaded in multiple stages; the rubber component (A) some or all of the inorganic filler (B) some or all of the silane coupling agent (C) the vulcanization accelerator(s) (D) and the organic acid compound (E) are kneaded together in the first kneading stage; and in the first kneading stage the number of molecules () of the organic acid compound (E) in the rubber composition satisfies formula (1) with respect to the number of molecules () of the vulcanization accelerator(s) (D). This method for manufacturing a rubber composition is capable of suitably minimizing reductions in the coupling activity of the silane coupling agent obtaining a rubber composition that generates less heat. (1) 0 = = 1.5 —

No. of Pages : 63 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : RUBBER COMPOSITION AND METHOD OF PRODUCING SAME AND TIRE

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application</li></ul>	:C08L47/00,B60C1/00,C08K3/04 :2010224353 :01/10/2010 :Japan :PCT/JP2011/072661	1)BRIDGESTONE CORPORATION Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor :
No Filing Date	:30/09/2011	1)MATSUSHITA Junko
(87) International Publication No	:WO 2012/043829	
(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 rubber composition comprising: a rubber constituent containing polybutadiene and diene rubber or olefin rubber that is immiscible with the polybutadiene; and a filler wherein when the Mooney viscosity (ML/100°C) of the polybutadiene is ML(I) and the Mooney viscosity (ML/100°C) of the diene rubber or olefin rubber that is immiscible with the polybutadiene is ML(I) the relation of ML(I) = ML(II) is satisfied the crashworthiness is excellent without decreasing durability such as wear resistance of the tire the good working property can be achieved and further the decrease of rolling resistance of tire can be achieved. The present invention also provides a method of producing the rubber composition and a tire using the rubber composition.

No. of Pages : 57 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CLEVIDIPINE EMULSION FORMULATIONS CONTAINING ANTIMICROBIAL AGENTS

(51) International classification	:A01N37/30,A61K31/205	(71)Name of Applicant :
(31) Priority Document No	:61/392294	1)THE MEDICINES COMPANY
(32) Priority Date	:12/10/2010	Address of Applicant :8 Slyvan Way Parsippany NJ 07054
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/055617	(72)Name of Inventor :
Filing Date	:10/10/2011	1)MOTHERAM Rajeshwar
(87) International Publication No	:WO 2012/051116	2)WILLIAMS Gregory Charles
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
-		1

### (57) Abstract :

Pharmaceutical formulations comprising clevidipine and an antimicrobial agent exhibit a reduced propensity for microbial growth and provide increased convenience to health care workers administering clevidipine containing formulations to patients.

No. of Pages : 29 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : DIETHYLENE GLYCOL MONOMETHYL ETHER RESISTANT COATING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Abstract</li> </ul>	:C09D163/00,C09D181/02,C09D181/04 :12/899805 :07/10/2010 :U.S.A. :PCT/US2011/046658 :04/08/2011 :WO 2012/047369 to :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PRC DESOTO INTERNATIONAL INC. Address of Applicant :5430 San Fernando Road Sylmar California 91209 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ABRAMI Siamanto</li> <li>2)SONG Jin</li> <li>3)TANG Guangliang</li> </ul>
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(57) Abstract :

Diethylene glycol monomethyl ether resistant coatings include a base component including a sulfur containing epoxy functional polyol and an activator component including an isocyanate curing agent.

No. of Pages : 48 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LIGHT SOURCE WITH LIGHT SCATTERING FEATURES DEVICE INCLUDING LIGHT SOURCE WITH LIGHT SCATTERING FEATURES AND/OR METHODS OF MAKING THE SAME

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(35) International Application No</li> <li>Filing Date</li> <li>(37) International Publication No</li> <li>(38) WO 2012/047254</li> <li>(39) Putent of Addition to Application Number</li> <li>(30) Filing Date</li> <li>(31) Name of Inventor :</li> <li>(32) Name of Inventor :</li> <li>(33) Name of Inventor :</li> <li>(34) Name of Inventor :</li> <li>(35) Name of Inventor :</li> <li>(36) Divisional to Application Number</li> <li>(37) Name of Inventor :</li> <li>(38) Name of Addition to Application Number</li> <li>(36) Divisional to Application Number</li> <li>(37) Name of Inventor :</li> <li>(38) Name of Inventor :</li> <li>(39) Name of Inventor :</li> <li>(31) VEERASAMY Vijayen S.</li> <li>(31) VEERASAMY Vijayen S.</li> <li>(32) ALVAREZ Jemssy</li> </ul>	<ul> <li>33) Name of priority country</li> <li>36) International Application No Filing Date</li> <li>37) International Publication No</li> <li>51) Patent of Addition to Application Number Filing Date</li> <li>52) Divisional to Application Number</li> </ul>	:U.S.A. :PCT/US2011/001608 :16/09/2011 :WO 2012/047254 :NA :NA :NA	(72)Name of Inventor : 1)VEERASAMY Vijayen S.	
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### (57) Abstract :

Certain example embodiments of this invention relate to techniques for improving the performance of Lambertian and non Lambertian light sources. In certain example embodiments this is accomplished by (1) providing an organic inorganic hybrid material on LEDs (which in certain example embodiments may be a high index of refraction material) (2) enhancing the light scattering ability of the LEDs by creating a random pattern 806a on the LEDs and/or in one or more layers of the LEDs (e.g. by fractal embossing patterning or the like and/or by providing randomly dispersed elements thereon) and/or (3) improving performance through advanced cooling techniques. In certain example instances performance enhancements may include for example better color production (e.g. in terms of a high CRI) better light production (e.g. in terms of lumens and non Lambertian lighting) higher internal and/or external efficiency etc.

No. of Pages : 40 No. of Claims : 20

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SYSTEMS AND METHODS OF DISCRIMINATING BETWEEN A CONTROL SAMPLE AND A TEST FLUID USING CAPACITANCE

classification(31) Priority Document No(32) Priority Date(33) Name of prioritycountry(86) InternationalApplication NoFiling Date(87) InternationalPublication No(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toApplication Number	G01N27/327,C12Q1/00,G01N33/487	<ul> <li>(71)Name of Applicant :</li> <li>1)CILAG GMBH INTERNATIONAL Address of Applicant :Landis+Gyr Strasse 1 CH 6300 Zug Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)CHATELIER Ronald C.</li> <li>2)HODGES Alastair M.</li> </ul>
Filing Date :	NA	

#### (57) Abstract :

Methods for distinguishing between an aqueous non blood sample (e.g. a control solution) and a blood sample are provided herein. In one aspect the method includes using a test strip in which multiple current transients and a capacitance are measured by a meter electrically connected to an electrochemical test strip. The current transients are used to determine if a sample is a blood sample or an aqueous non blood sample based on characteristics of the sample (e.g. amount of interferent present reaction kinetics and/or capacitance). The method can also include calculating a discrimination criteria based upon these characteristics. Various aspects of a system for distinguishing between a blood sample and an aqueous non blood sample are also provided herein.

No. of Pages : 46 No. of Claims : 29

### (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : REINFORCEMENT BAR AND METHOD FOR MANUFACTURING SAME

(51) International classification	:C04B14/38,C04B16/06,C04B32/02	(71)Name of Applicant : 1)REFORCETECH LTD.
(31) Priority Document No	:20101485	Address of Applicant :Palmdohlen House Dooradoyle Road
(32) Priority Date	:21/10/2010	Limerick Ireland
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application	·PCT/NO2011/000300	1)STANDAL Per Cato
No	:21/10/2011	2)MILLER Leonard W.
Filing Date	.21/10/2011	
(87) International Publication No	:WO 2012/053901	
(61) Patent of Addition to	:NA	
Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application	<sup>1</sup> :NA	
Number	:NA :NA	
Filing Date		

(57) Abstract :

The invention relates to reinforcement bars for concrete structures comprising a large number of continuous parallel fibers preferably made of basalt carbon glass fiber or the like embedded in a cured matrix the bars preferably having an average length of 20 mm to 200 mm and an average diameter of 2 mm to 10 mm each bar being made of at least one fiber bundles comprising a number of parallel preferably straight fibers having a cylindrical cross section and said bars being provided with a surface shape and/or texture which contributes to good bonding with the concrete. At least a part of the surface of each bar being deformed prior to or during the curing stage of the matrix by means of: a) one or more strings of an elastic or inelastic but tensioned material being helically wound around said at least one bundle of parallel straight fibers prior to curing of the matrix in which the fibers are embedded maintaining the fibers in an parallel state during curing and providing an uneven external surface in a longitudinal direction of the reinforcement bars and/or b) at least one deformed section and/or at least one end of each reinforcement bar; thereby producing a roughened surface. The invention also relates to a method for manufacturing reinforcement bars and for use of such short fibers.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

:A61K8/19	(71)Name of Applicant :
:61/389290	1)CUPRON INC.
:04/10/2010	Address of Applicant :800 East Leigh Street Suite 123
:U.S.A.	Richmond Virginia 23219 U.S.A.
:PCT/IL2011/000769	(72)Name of Inventor :
:03/10/2011	1)GABBAY Jeffrey S.
:WO 2012/046229	
•NI A	
INA	
:NA	
:NA	
	:61/389290 :04/10/2010 :U.S.A. :PCT/IL2011/000769 :03/10/2011 :WO 2012/046229 :NA :NA :NA

### (54) Title of the invention : COSMETIC SKIN CARE COMPOSITIONS

(57) Abstract :

The invention relates to a composition formulated for topical application for the prevention mitigation or abrogation of skin aging or skin imperfections in a subject. The composition comprises an insoluble copper oxide as a primary active ingredient therein wherein said insoluble copper oxide is present at a concentration of between about 0.15 % about 0.75% w/w the insoluble copper oxide is present as particles ranging in a size of from between about 0.5 to about 10 microns or a combination thereof.

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A61B18/04	(71)Name of Applicant :
(31) Priority Document No	:61/405761	1)JUST RIGHT SURGICAL LLC
(32) Priority Date	:22/10/2010	Address of Applicant :6325 Gunpark Drive Boulder Colorado
(33) Name of priority country	:U.S.A.	80301 U.S.A.
(86) International Application No	:PCT/US2011/057191	(72)Name of Inventor :
Filing Date	:21/10/2011	1)ROSS David
(87) International Publication No	:WO 2012/054791	2)HELFER Joel
(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 : RF GENERATOR SYSTEM FOR SURGICAL VESSEL SEALING

(57) Abstract :

Systems methods and apparatus for providing power to an electrosurgical instrument. In particular a power supply is disclosed in which non sinusoidal (e.g. pulsed) constant frequency voltage having a variable amplitude is passed to an LC circuit to produce a quasi sinusoidal current in the LC circuit. The constant driving frequency can be one half the resonant frequency of the LC circuit allowing the LC circuit to operate as an impedance and thus limit current spikes and arcing. The frequency and phasing of the driving voltage also enables the LC circuit to discharge energy back into a power provider of the power supply so that energy does not build up in the LC circuit. These features result in less severe current spikes and arcing as well as reduced cutoff times.

No. of Pages : 43 No. of Claims : 26

(19) INDIA(22) Date of filing of Application :02/04/2013

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : PUMP IN PARTICULAR HIGH PRESSURE FUEL PUMP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	a :F04B1/04,F02M59/06,F16C23/02 :10 2010 042 856.6 :25/10/2010 :Germany :PCT/EP2011/065667 :09/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)CAKIRLI Ekrem</li> </ul>
Filing Date (87) International Publication No	:WO 2012/055629	2)MUELLERS Johannes
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The pump (1) has a housing (2) and a drive shaft (3) which is accommodated in said housing (2) and by which at least one pump piston (18) is driven at least indirectly. The drive shaft (3) is mounted via at least one sliding bearing arrangement (4a, 4b) such that it can be rotated about a driveshaft axis (5), and has a drive region (24), via which the drive shaft (3) is driven. The sliding bearing arrangement (4a, 4b) has a bearing bore (6) and a bearing shaft section (7) which extends through said bearing bore (6). The sliding bearing arrangement (4a, 4b) has a bearing play (X) which extends in the radial direction with regard to the rotational axis (5) of the drive shaft (3) between the bearing bore (6) and the bearing shaft section (7) and has a smaller value (XI) in an intermediate region (26) which lies between the axial bearing edges (9a, 9b) than at the bearing edges (9a, 9b). The intermediate region (26) with w the smallest value (XI) for the bearing play (X) is arranged offset from the drive region (24) of the drive shaft (3) with regard to the bearing centre (8) of the sliding bearing arrangement (4a, 4b).

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

#### (51) International classification :F02D41/38 (71)Name of Applicant : **1)ROBERT BOSCH GMBH** (31) Priority Document No :10 2010 042 732.2 (32) Priority Date :21/10/2010 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country :Germany Germany :PCT/EP2011/066857 (72)Name of Inventor : (86) International Application No Filing Date :28/09/2011 1)VITRE David (87) International Publication No :WO 2012/052264 (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 : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(57) Abstract :

The invention relates to a method for operating an internal combustion engine. Fuel is supplied from a fuel tank (9) to a high pressure accumulator (13) via a presupply pump (5), a metering unit (14) and a high pressure pump (3). The presupply pump (5) can be switched-on to supply fuel. A pressure signal (22) of a pressure in the high pressure accumulator (13) is detected. An error of the metering unit (14) is detected. The metering unit (14) is essentially opened. A duration is detected as a function of the detected pressure signal (22). A point in time is detected as a function of the detected pressure signal (22). The presupply pump (5) is switchedon for the duration at the point in time.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD FOR MONITORING A CONTROL DEVICE FOR AN INJECTION SYSTEM IN A MOTOR VEHICLE

(31) Priority Document No:10 2010(32) Priority Date:25/10/2(33) Name of priority country:Germar(86) International Application No:PCT/EFFiling Date:30/09/2	many (72)Name of Inventor : 1)BARTH Jens Holger 2)2012/055668(72)Name of Inventor : 1)BARTH Jens Holger 2)SCHEMPP Stefan 3)TONNER Erik 4)OSTENDORF Boris	
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(57) Abstract :

A method for monitoring a control device for an injection system in a motor vehicle is presented, in which, with respect to the running time of the control device, a maximum permissible actuation frequency for the control device is determined and monitored, wherein factors which limit the maximum actuation frequency are determined at a respective operating point of the control device, and said factors arc included directly in the determination of the maximum permissible actuation frequency. In addition, a corresponding monitoring module and a control device with such a monitoring module are proposed.

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

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : VEHICLE FLOOR STRUCTURE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B62D25/20 :2010227574 :07/10/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KUMEGAWA Tatsuya</li> </ul>

### (57) Abstract :

A vehicle floor structure includes a floor panel (14) extending in a vehicle width direction and a vehicle fore aft direction; and a reinforcing bead (30) that is provided in the floor panel (14) to extend in the vehicle width direction and that includes a front wall (30A) and a rear wall (30C) in a manner such that the reinforcing bead (30) protrudes upward in a vehicle height direction. The rear wall (30C) of the reinforcing bead (30) includes a bent portion (31 A) provided at an intermediate portion of the rear wall (30C) in the vehicle height direction and upper wall portion (31B) provided above the bent portion (31A) in the vehicle height direction and a lower inclined portion (31C) provided below the bent portion (31A) in the vehicle height direction. An inclination angle of the lower inclined portion (31C) with respect to a horizontal plane is smaller than an inclination angle of the upper wall portion (31B) with respect to the horizontal plane.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :01/04/2013

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : CUTTING ELEMENTS EARTH BORING TOOLS INCORPORATING SUCH CUTTING ELEMENTS AND METHODS OF FORMING SUCH CUTTING ELEMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> </ul>	:PCT/US2011/053219 :26/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 4740 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LYONS Nicholas J.</li> <li>2)SCOTT Danny E.</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

Cutting elements include a substrate a thermally stable polycrystalline table comprising a superhard material secured to the substrate and a layer of metal interposed between and attaching the substrate and the thermally stable polycrystalline table. Methods of forming a cutting element include providing a thermally stable polycrystalline table in a mold providing a layer of metal on the thermally stable polycrystalline table distributing a mixture of particles comprising a plurality of hard particles and a plurality of particles to cause the mixture of particles to coalesce and form a substrate and at least partially melt the layer of metal to flow and wet the thermally stable polycrystalline table and the substrate to form an attachment therebetween.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :02/04/2013

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR MONITORING ADAPTATION OF AN INJECTION TIME OF AN INJECTION VALVE OF AN INTERNAL COMBUSTION ENGINE

(51) International classification (21) Priority Decument No.	:F02D41/24,F02D41/40,F02D41/00 :10 2010 042 852.3	(71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant (Bostfack 20.02.20.70442 Stuttgast
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:10 2010 042 852.5	Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/067300 :04/10/2011	1)AMLER Markus 2)FISCHER Wolfgang 3)MUELLER Uwe
(87) International Publication No	:WO 2012/055680	4)STIEF Florian 5)ROTH Andreas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)PORTEN Guido 7)GRAF Gerald
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

Method for monitoring adaptation of a delay time of an injection valve of an internal combustion engine, wherein an injection period of the injection valve is adapted for at least one injection valve by sensing or determining an effective opening time of the injection valve in such a way that tolerances of the injection valve relating to a relationship between the injection period and the effective opening time are at least essentially equalized, is proposed, in that for at least one combustion chamber a combustion-chamber-specific excess air factor is adjusted and/or a combustion-chamberspecific torque is determined for at least one combustion chamber, and in that a change in the excess air factor and/or the torque resulting from apportionment of the effective jpK opening time into at least two partial opening times is used for monitoring the adaptation.

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

### (19) INDIA

(22) Date of filing of Application :02/04/2013

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : COMPLIANT BEARING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:U.S.A. :PCT/US2011/053756 :28/09/2011 :WO 2012/050917	<ul> <li>(71)Name of Applicant :</li> <li>1)WAUKESHA BEARINGS CORPORATION Address of Applicant :W231 N2811 Roundy Circle E. Suite #200 Pewaukee WI 53072 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KIM Jong Soo</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A first embodiment of a compliant bearing includes a main body and a bearing surface. The main body and the bearing surface may be engaged with one another via one or more bearing surface springs configured such that the bearing surface is compliant with respect to the main body. A second embodiment of a compliant bearing includes a main body and at least one bearing pad. The main body and the bearing pad may be engaged with one another via one or more pad radial and/or pad axial springs configured such that the bearing pad is compliant with respect to the main body. A sensor web may be integrated into the compliant bearing. In one embodiment the sensor web comprises at least one sensor configured as a strain gauge and affixed to a bearing surface spring.

No. of Pages : 26 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : TISSUE PAP	ER DISPENSING CON I	AINEK
<ul> <li>(54) The of the livention : TISSUE PAP</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	ER DISPENSING CONT :B65D83/08 :NA :NA :NA :PCT/EP2010/065219 :11/10/2010 :WO 2012/048731 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCA HYGIENE PRODUCTS AB Address of Applicant :S 405 03 Gteborg Sweden</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:NA	

### (54) Title of the invention : TISSUE PAPER DISPENSING CONTAINER

(57) Abstract :

A container (1) for containing a stack of interfolded tissue paper sheets wherein the container comprises a dispensing opening (11) and lips (40 41) so that a sheet passes through the dispensing opening (11) when being withdrawn from the stack and dispensed from the sheet wherein the lips (40 41) are in an overlapping state in a direction of withdrawal of the sheets wherein the lips are configured to be opened into a less overlapping or non overlapping state by the sheet as the sheet moves therethrough and are configured to return to the overlapping state after withdrawal of the sheet.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PRODUCING LUBRICATING BASE OIL WITH LOW CLOUD POINT AND HIGH VISCOSITY INDEX

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) Filing Date</li> <li>(37) International Publication No</li> <li>(37) International Publication No</li> <li>(37) (61) Patent of Addition to Application</li> <li>(38) Number</li> <li>(39) Filing Date</li> <li>(30) Filing Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority Country</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority Country</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority Country</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(35) Priority Date</li> <li>(36) Priority Date</li> <li>(36) Priority Date</li> <li>(37) Priority Date</li> <li>(38) Priority Date</li> <li>(39) Priority Date</li> <li>(30) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Priority Date</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) Priority Date</li> <li>(36) Priority Date</li> <li>(36) Priority Date</li> <li>(36) Priority Date</li> <li>(37) Priority Date</li> <li>(36) Priority Date</li> </ul>	C10G65/04 201010274479.X 07/09/2010 China PCT/CN2011/000946 03/06/2011 WO 2012/031449 NA NA NA NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)PETROCHINA COMPANY LIMITED</li> <li>Address of Applicant :CONG Zhefeng 9 Dongzhimen North</li> </ul> </li> <li>Street Dongcheng District Beijing 100007 China <ul> <li>2)DALIAN INSTITUTE OF CHEMICAL PHYSICS (DICP)</li> </ul> </li> <li>CHINESEACADEMY OF SCIENCES (CAS) <ul> <li>(72)Name of Inventor : <ul> <li>1)HU Sheng</li> <li>2)TIAN Zhijian</li> <li>3)YAN Lijun</li> <li>4)LI Wenle</li> <li>5)XU Yunpeng</li> <li>6)CHI Kebin</li> <li>7)MENG Xiangbin</li> <li>8)WANG Bingchun</li> <li>9)TAN Mingwei</li> <li>10)WANG Lei</li> <li>11)LIU Yanfeng</li> <li>12)ZHU Jinling</li> <li>13)GAO Shanbin</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

The present invention relates to a method for producing lubricating base oil with a low cloud point and a high viscosity index. In the method, a lubricating base oil with a low pour point, a low cloud point and a high viscosity index is produced by a hydrorefiningisomerization/asymmetrical cracking-hydrofinishing in the presence of hydrogen, wherein a highly waxy heavy fraction oil having an initial boiling point of 300°C to 460°C, a wax content of 5% or more, a pour point of -20°C or more and a cloud point of -5°C or more is used as a raw material, and naphtha and middle fraction oil being co-produced. The method is characterized mainly in the high yield of heavy base oil, a MK low pour point and cloud point, a high viscosity and viscosity index of the base oil.

No. of Pages : 31 No. of Claims : 3

### (12) PATENT APPLICATION PUBLICATION (19) INDIA

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

### (54) Title of the invention : METHOD FOR ATTACHING THE COVER OF A CENTRIFUGAL COMPRESSOR OF A TURBINE ENGINE COMPRESSOR COVER IMPLEMENTING SAME AND COMPRESSOR ASSEMBLY PROVIDED WITH SUCH A COVER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:PCT/FR2011/052448 :20/10/2011 :WO 2012/052687 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TURBOMECA Address of Applicant :BP 2 F 64510 Bordes France</li> <li>(72)Name of Inventor :</li> <li>1)RENARD Batrice Marie</li> <li>2)BILLOTEY Geoffroy Louis Henri Marie</li> </ul>
Filing Date	:NA	

(57) Abstract :

The aim of the present invention is to enable the cover of a centrifugal compressor to be moved such that the clearance between the cover and the blades of the compressor impeller remains substantially constant and as low as possible. To . 10 achieve said aim, the invention provides an attachment arrangement at the middle of the cover having an elastically deformable portion. A cover has a concave shell (50) having an inner surface (51) spaced apart from the compressor (12) provided with an impeller (22) having blades (20) by an attachment (8). The attachment (8) has one connection end (83) at the middle of the shell (50), and another end (82) attached to a casing (6) of 15 the turbine engine (1). The attachment (8) comprises an axisymmetric diaphragm (80) having a generally frusto-conical configuration having an arm profile (8b) coupled to the end for attachment (82) to the casing (6) by a double-elbow joint (8c, 8d, 8e) having right and obtuse angles when in the rest position. The distance between the inner surface (51) of the shell (50) and the upper edges (21) of the blades (20) can be held constant during 20 operation with minimum clearance adjustment.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD OF PREPARATION OF NUCLEATED SEMI CRYSTALLINE POLYMER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)POLYMER INSTITUTE BRNO SPOL. S R.O. Address of Applicant :Tkalcovsk; 2 656 49 Brno Czech Republic</li> <li>(72)Name of Inventor :</li> <li>1)SKOUMAL Miroslav</li> <li>2)POSPIÅ IL Ladislav</li> <li>3)ZBORILOV Petra</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The method of preparation of nucleated semi crystalline polyolefin via coordination polymerization wherein the nucleating agent is dosed in form of the suspension or the solution in a non polar hydrocarbon solvent or in concentrated organoaluminum as a part of the catalyst system for a olefin polymerization.

No. of Pages : 32 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B60C9/18	(71)Name of Applicant :
(31) Priority Document No	:1058340	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:13/10/2010	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 cours Sablon F 63000 Clermont
(86) International Application No	:PCT/EP2011/067796	Ferrand France
Filing Date	:12/10/2011	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2012/049206	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)DEAL Michel
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

### (54) Title of the invention : TIRE HAVING A RADIAL CARCASS REINFORCEMENT

(57) Abstract :

The invention relates in particular to a passenger vehicle tyre, the crown reinforcement of which consists of: 10 a radial carcass reinforcement (2), a working reinforcement (53) consisting of a single layer of reinforcers (531) inclined by an angle a with respect to the circumferential direction (DC) of the tyre, the angle a being between 4 and 7 degrees, a flat circumferential polymer reinforcer (9) positioned in a central portion of the 15 crown.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : REMOTELY CONTROLLED APPARATUS FOR DOWNHOLE APPLICATIONS COMPONENTS FOR SUCH APPARATUS REMOTE STATUS INDICATION DEVICES FOR SUCH APPARATUS AND RELATED METHODS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:E21B34/06,E21B23/04,E21B10/32 :61/389578	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED</li> <li>Address of Applicant :P.O. Box 4740 Houston TX 77210 4740</li> </ul>
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:04/10/2010 :U.S.A	U.S.A. (72)Name of Inventor :
<ul> <li>(35) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:PCT/US2011/054692 :04/10/2011	<ul> <li>(72)Name of Inventor .</li> <li>1)RADFORD Steven R.</li> <li>2)JURICA Chad T.</li> <li>3)LI Li</li> <li>4)MILLER Timothy</li> <li>5)OESTERBERG Marcus</li> <li>6)TRINH Khoi Q.</li> </ul>
(62) Divisional to Application	' :NA :NA	

### (57) Abstract :

An expandable apparatus may comprise a tubular body a valve piston and a push sleeve. The tubular body may comprise a fluid passageway extending therethrough and the valve piston may be disposed within the tubular body the valve piston configured to move axially within the tubular body responsive to a pressure of drilling fluid passing through the fluid passageway and configured to selectively control a flow of fluid into an annular chamber. The push sleeve may be disposed within the tubular body and coupled to at least one expandable feature the push sleeve configured to move axially responsive to the flow of fluid into the annular chamber extending the at least one expandable feature. Additionally the expandable apparatus may be configured to generate a signal indicating the extension of the at least one expandable feature.

No. of Pages : 56 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B65D83/08,A47K10/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCA HYGIENE PRODUCTS AB
(32) Priority Date	:NA	Address of Applicant :S 405 03 Gteborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/065194	1)SCHMIDT Marcel
Filing Date	:11/10/2010	2)WONG Andrew
(87) International Publication No	:WO 2012/048725	3)ENGLER Bertold
(61) Patent of Addition to Application	:NA	4)VAN KRIEKEN Bram
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

### (54) Title of the invention : STACK OF TISSUE PAPER AND DISTRIBUTION THEREFOR

(57) Abstract :

A stack (10) of interfolded tissue paper sheets wherein the interfolding pattern is such that each sheet is folded at least once to provide leading and trailing panels with respect to a sheet withdrawal direction the interfolding pattern is such that for any given sheet (46) in the stack a trailing panel of an adjacent sheet (45) subsequent in the stack in a sheet withdrawal sequence is in face to face overlapping relation with a leading panel (46) of the given sheet and a leading panel of an adjacent sheet (48) preceding in the stack in the sheet withdrawal sequence is in face to face overlapping relation with the trailing panel of the given sheet wherein the overlap of the given sheet with the trailing panel of the subsequent sheet and the leading panel of the preceding sheet is a partial overlap to provide an overlapping region of the given sheet where the leading and trailing panels of the given sheet overlap of the subsequent sheet and a non overlapping region of the given sheet wherein the leading and trailing panels of the sheet wherein the leading and trailing panels of the sheet wherein the leading and trailing panels of the size and the trailing panel of the subsequent sheet and a non overlapping region of the given sheet wherein the leading and trailing panels of the size thereby to define a stack comprising an overlapping region where adjacent sheets in the stack overlap and non overlapping regions of the stack on opposed sides of the overlapping region wherein adjacent sheets of the stack do not overlap.

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

(19) INDIA

(22) Date of filing of Application :02/04/2013

(54) Title of the invention : TISSUE PAPER DISTRIBUTION SYSTEM

(43) Publication Date : 14/11/2014

#### (71)Name of Applicant : (51) International classification 1)SCA HYGIENE PRODUCTS AB :A47K10/42,B65D83/08 (31) Priority Document No :NA Address of Applicant :S 405 03 Gteborg Sweden (72)Name of Inventor : (32) Priority Date :NA 1)SUDWORTH Jan Caspar (33) Name of priority country :NA (86) International Application No :PCT/EP2010/065197 2)SCHMIDT Marcel Filing Date :11/10/2010 **3)BAGHERZADEH Ali** (87) International Publication No :WO 2012/048727 4)SAARV,,LI Monica Eva Li (61) Patent of Addition to Application 5)THOR‰N Wencke Agneta :NA Number 6)LARSSON Bjrn :NA Filing Date 7)WONG Andrew (62) Divisional to Application Number :NA 8) **BREMENKAMP** Ralph Filing Date 9) DAVIES Eleanor :NA **10)POLINNA Julia**

#### (57) Abstract :

A system (90) comprising a dry absorbent tissue paper sheet dispenser (20) having a dispensing opening (24) through which dry tissue paper sheets can be withdrawn and a moist sheet dispenser (70) comprising a dispensing opening (78) through which moist sheets can be withdrawn wherein one of the dry tissue paper dispenser and the moist sheet dispenser is configured to sit atop the other so that the dispensing openings face in opposing directions in a combined configuration and wherein the dry and moist sheet dispensers have cooperating interfacing surfaces when they are in the combined configuration that resist movement of the moist sheet dispenser with respect to the dry tissue paper dispenser in a first direction perpendicular to a sheet withdrawal direction of the dry tissue paper dispenser.

No. of Pages : 45 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SYSTEM FOR STORAGE AND SUBSEQUENT HANDLING OF BOTULINUM TOXIN

	(51) International classification	:A61J1/14,B65D1/02	(71)Name of Applicant :
	(31) Priority Document No	:61/390546	1)ALLERGAN INC.
	(32) Priority Date	:06/10/2010	Address of Applicant :2525 Dupont Drive Irvine California
	(33) Name of priority country	:U.S.A.	92612 U.S.A.
	(86) International Application No	:PCT/US2011/054844	(72)Name of Inventor :
	Filing Date	:05/10/2011	1)KUMAR Harish PM
	(87) International Publication No	:WO 2012/047950	2)OLEJNIK Orest
	(61) Patent of Addition to Application	.NI A	
	Number	:NA	
	Filing Date	:NA	
	(62) Divisional to Application Number	:NA	
	Filing Date	:NA	
-			1

(57) Abstract :

A system and method for storage of botulinum toxin containing pharmaceutical compositions is herein disclosed. Particular aspects of the instant disclosure relate to vials having preferred internal geometries that provide optimized lyophilization vacuum drying storage reconstitution and extraction of a botulinum toxin containing pharmaceutical composition.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (51) International classification (71)Name of Applicant : :G02B3/14 (31) Priority Document No 1)JOHNSON & JOHNSON VISION CARE INC. :61/387507 (32) Priority Date :29/09/2010 Address of Applicant :7500 Centurion Parkway Jacksonville (33) Name of priority country :U.S.A. 32256 U.S.A. :PCT/US2011/053407 (72)Name of Inventor: (86) International Application No Filing Date :27/09/2011 1)PUGH Randall B. (87) International Publication No :WO 2012/044602 2)OTTS Daniel B. (61) Patent of Addition to Application 3)TONER Adam :NA Number 4)KERNICK Edward R. :NA Filing Date **5)RIALL James Daniel** (62) Divisional to Application Number :NA 6)SNOOK Sharika Filing Date :NA

(54) Title of the invention : LIQUID MENISCUS LENS INCLUDING MENISCUS WALL WITH MICROCHANNELS

### (57) Abstract :

The present invention relates to an optical lens comprising: a front lens comprising a front lens exterior surface and a front lens interior surface; a back lens comprising a back lens interior surface and a back lens exterior surface said back lens positioned proximate to said front lens such that said front lens interior surface and said back lens interior surface form a cavity there between; a volume of saline solution and oil contained within said cavity said volume of saline solution and oil comprising a meniscus there between; and a meniscus wall with micro channels formed in one or both of the front lens and back lens and bordering the meniscus formed between the saline solution and oil.

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

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G02B27/22 :2010221451 :30/09/2010 :Japan :PCT/JP2011/056069 :15/03/2011 :WO 2012/042930	<ul> <li>(71)Name of Applicant :</li> <li>1)EIZO NANAO CORPORATION Address of Applicant :153 Shimokashiwano machi Hakusan shi Ishikawa 9248566 Japan (72)Name of Inventor : 1)ITO Hiroshi</li></ul>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA	
Filing Date	:NA	

### (54) Title of the invention : STEREOSCOPIC IMAGE DISPLAY DEVICE

(57) Abstract :

To provide a stereoscopic image display device with which it is possible to enjoy the advantages oi both eyeglasses format and nakedeye format devices while being capable of being reduced in size. [Solution] When a right-eye image is displayed, a light-block region BRI is formed to the left of the center line, and when a left-eye image is displayed, a light-block region BR2 is formed to the right of the center line. When an observer is positioned in said position, the observers right eye E R observes only the right-eye image, and the observers left eye E L observes only the left-eye image. A s a result, the observer is capaole of observing a stereoscopic image in the position of the light-block regions BR1 and BR2 even when facing a stereoscopic display device (1) with the naked eye. Additionally, while a state will occur in a region other than the light-block regions BR1 and Br2 wherein the right-eye image and left-eye image are intermingled, it will be possible for a plurality of observers to simultaneously observe the same stereoscopic image by wearing eyeglass es for observing such images.

No. of Pages : 46 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR MAKING FINGOLIMOD HYDROCHLORIDE CRYSTALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:C07C215/20 :NA :NA :NA :PCT/EP2010/006038 :01/10/2010 :WO 2012/041358 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)SYNTHON B.V.</li> <li>Address of Applicant :Microweg 22 NL 6545 CM Nijmegen</li> </ul> </li> <li>Netherlands <ul> <li>(72)Name of Inventor : </li> <li>1)WESTHEIM Raymond Jozef Hubertus</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to A process of making crystalline fingolimod hydrochloride of formula (Ia) comprising a step of contacting a solution of fingolimod hydrochloride in a solvent with an antisolvent whereby crystalline fingolimod hydrochloride precipitates and isolating crystalline fingolimod hydrochloride from the formed liquid medium.

No. of Pages : 17 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : COMPOSITION GENERATING FIRE EXTINGUISHING SUBSTANCE THROUGH CHEMICAL REACTION OF INGREDIENT AT HIGH TEMPERATURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A62D1/06 :201010285497.8 :16/09/2010 :China :PCT/CN2011/079428 :07/09/2011 :WO 2012/034493 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHAANXI J &amp; R FIRE FIGHTING CO. LTD. Address of Applicant :Qingyang International Building Tsinghua Science Park No. 65 Ke Ji Er Road High Tech Industry Development Zone Xian Shaanxi 710075 China</li> <li>(72)Name of Inventor :</li> <li>1)GUO Hongbao</li> <li>2)ZHANG Weipeng</li> <li>3)ZHANG Sanxue</li> </ul>
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### (57) Abstract :

A fire extinguishing composition generating fire extinguishing substance through chemical reaction of ingredients at high temperature, wherein: the fire extinguishing composition comprises a flame retardant, an oxidant, a reducing agent and an adhesive; contents of each ingredient are: the flame retardant: 50wt% to 90wt%; the oxidant: 5wt% to 30wt%; the reducing agent: 5wt% to 10wt%; the adhesive:0% to 10wt%. In a usage of the fire extinguishing composition, a pyrotechnic agent is adopted as a heat source and a power source; and the purpose of fire extinguishing is achieved by: igniting the pyrotechnic agent, and the oxidant and the reducing agent in the fire extinguishing composition are reacted to generate the in the use of high temperature produced by burning the pyrotechnic agent, so as to implement fire extinguishing. Different from the traditional aerosol generating agent, there is no external heat source, and the composition itself does not burn. Compared with the traditional aerosol generating agent, the fire extinguishing composition of the present invention is more efficient and safer.

No. of Pages : 14 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : TUBE FOR POURING LIQUID METAL ASSEMBLY OF A TUBE AND A METAL FRAME AND METAL FRAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10188179.5 :20/10/2010 :EPO :PCT/EP2011/005248 :19/10/2011 :WO 2012/052164 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VESUVIUS GROUP S.A. Address of Applicant :Rue de Douvrain 17 B 7011 Ghlin Belgium</li> <li>(72)Name of Inventor :</li> <li>1)DELSINE Damien</li> <li>2)COLLURA Mariano</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The tube (10) delimits a pouring channel (12) having a pouring axis (X), comprising a downstream part, in which the pouring channel has a diameter known as the outlet diameter, and an upstream part (16) which is defined as being that part of the tube that lies between an upper transverse plane (Psup)- tangential to the upper end (20) of the tube, and a lower transverse plane (Pinf) lying a distance (L), known as the threshold distance, from the upper 10 transverse plane (PSUp). the threshold distance having a dimension greater than four times the outlet diameter, the upstream part (16) being flared and being configured in such a way that: its upper end (20) has a convex overall shape in the axial direction (X) and has a surface of intersection with the upper transverse plane (PSUp) of which the width in the radial direction (Y) is less than half the outlet diameter (Dout), i- 15 - the upstream part (16) is included within a first volume corresponding to the complementary part of an axisymmetric frustoconical volume (V-i) having as its axis the pouring axis (X), and the generatrix of which forms an angle alpha (a) greater than 5° with the pouring axis (X), the small base (22) of the frustoconical volume (V-i) corresponding to the surface of intersection of the lower transverse plane with the 20 pouring channel (12), - the upstream part (16) is included within a second volume (V2), delimited by a surface of revolution generated by an isosceles trapezium (24) revolving about the pouring axis (X), the small base (26) of the trapezium lying in the upper transverse plane (PSUP). having as its centre the centre (C) of the upper end (20) of the tube and as its 25 dimension a width (E) equal to half the outlet diameter (Dout), the large base (28) of the trapezium lying in the lower transverse plane (Pinf) and the two non-parallel sides (30, 32) of the trapezium together making an angle beta (P) less than 30°.

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

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : FLEXIBLE PACKAGING MANUFACTURED BY WELDING AND CONTAINING A MATERIAL THAT IS RECYCLED OR FROM RENEWABLE RESOURCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B65D35/10,B29C65/40 :10188610.9 :22/10/2010 :EPO :PCT/IB2011/054717 :21/10/2011 :WO 2012/052971 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AISAPACK HOLDING S.A. Address of Applicant :Rue de la Praise 1896 Vouvry Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)MEDICO Lonard</li> <li>2)THOMASSET Jacques</li> <li>3)ROY Hugues Vincent</li> <li>4)MATHIEU Stphane</li> </ul>
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### (57) Abstract :

The invention relates to an essentially tubular 10 flexible packaging intended for containing a semiliquid or pasty product, which includes an apron, a head, an added piece of material at least on the inside of the apron, and optionally a lid, the apron consisting of a rolled-up sheet and comprising a 15 longitudinal weld for assembling the edges thereof together, and the head being attached to the edge of one of the ends of the apron. The apron includes a ratio of at least 3 0% of recycled material or material from renewable resources, and the added piece of 20 material is arranged so as to eliminate a discontinuity in the inner surface in the area of the longitudinal weld.

No. of Pages : 25 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR THE CONVERSION OF A FUEL (51) International classification :C10J3/60,C10J3/20,C10J1/00 (71)Name of Applicant : (31) Priority Document No :1058252 1)S3D (32) Priority Date :12/10/2010 Address of Applicant :Campus de lEcole des Mines Immeuble dentreprises 2 rue Alfred Kastler F 44307 Nantes Cedex 3 France (33) Name of priority country :France (72)Name of Inventor : (86) International Application No :PCT/FR2011/052318 Filing Date :05/10/2011 **1)CHEN Li** (87) International Publication No :WO 2012/049400 2)KERIHUEL Anthony (61) Patent of Addition to **3)GERUN Luc** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention provides a device for converting a fuel comprising solid components, known as a solid fuel, into a gaseous fuel. Said device comprises a pyrolysis zone (2) for pyrolyzing solid fuel, comprising pyrolysis means that are capable of decomposing said solid fuel 10 into a pyrolysis gas and into a solid pyrolysis residue, known as coke, and a combustion zone (3), which is distinct from the pyrolysis zone (2), for burning said pyrolysis gas and comprising combustion means (31, 32, 33). The device also comprises means for circulating 15 pyrolysis gas from said pyrolysis zone (2) to the combustion zone (3). In accordance with the invention, said combustion zone (3) is surrounded by said pyrolysis zone (2).

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : STABILIZING EMULSIFIED ACIDS FOR CARBONATE ACIDIZING

(57) Abstract :

Emulsified acids have been used to increase production rates of oil and gas in carbonate reservoirs through acid fracturing and matrix acidizing operations. An emulsifier is used to emulsify the aqueous acid with an oil usually diesel. Very small particles such as colloidal clay particles and/or nanoparticles increase the stability of the emulsified acids over an elevated temperature range.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ADDITIVE COMPOSITION AND POLYMER COMPOSITION COMPRISING THE SAME

(31) Priority Document No:6(32) Priority Date:1(33) Name of priority country:U(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:N	51/433512 17/01/2011 U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)MILLIKEN &amp; COMPANY Address of Applicant :920 Milliken Road M 495 Spartanburg South Carolina 29303 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LAKE K. David Jr.</li> <li>2)MIRON Normand P.</li> </ul>
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(57) Abstract :

An additive composition comprises a plurality of first particles and a metal hydroxide compound. A polymer composition comprises a polymer a plurality of first particles and a metal hydroxide compound. The first particles comprise a magnesium oxysulfate compound.

No. of Pages : 36 No. of Claims : 22

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B60R16/02,H01B7/00 :2010226944 :06/10/2010 :Japan :PCT/JP2011/057601 :28/03/2011 :WO 2012/046466 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SUMITOMO WIRING SYSTEMS LTD. Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi Mie 5108503 Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUKAYA Hiroki</li> </ul>
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#### (54) Title of the invention : WIRE HARNESS SYSTEM IN HYBRID AUTOMOBILE

(57) Abstract :

To make it easy to handle a wire harness in a hybrid electric vehicle, in a wire harness system in a hybrid electric vehicle in which HEV parts 5 including a battery are installed in a vehicle rear part, a floor harness that is arranged along a floor panel from a front part towards a rear part of a passenger compartment is provided, and a rear end of the floor harness is in a vicinity of a panel that separates the passenger compartment and a rear luggage compartment, a rear harness composed of a group of electric wires for 10 connection to vehicle rear part-installed parts that include HEV parts including a battery that are installed in the vehicle rear part, a rear lamp, a license-plate lamp, and the like is provided separately from the floor harness, and said one floor harness and the rear harness are connected to each other when installed in the vehicle.

No. of Pages : 25 No. of Claims : 3

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : APPARATUS AND PROCESS FOR HEATING A LIQUID MEDIUM ESPECIALLY MASH APPARATUS FOR PRODUCTION OF BEER

(51) International classification (31) Priority Document No	n :B01F15/06,C12C7/06,C12C13/02 :10 2010 041 954.0	(71)Name of Applicant : 1)KRONES AG
(32) Priority Date	:04/10/2010	Address of Applicant :Bhmerwaldstrasse 5 93073
(33) Name of priority country	:Germany	Neutraubling Germany
(86) International Application No Filing Date	:PCT/EP2011/004946 :04/10/2011	(72)Name of Inventor : 1)KAMMERLOHER Helmut
(87) International Publication No	:WO 2012/045441	
(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 and to a process for heating a liquid medium especially to a mash apparatus for beer production comprising a vessel which has an inlet and an outlet for the liquid medium and comprising a heater to heat the liquid medium comprising at least one inlet and at least one outlet for the heating medium. To improve the heat flows the heater is configured such that the heating medium is conducted in the heater at least partly such that it flows substantially counter to a base flow generated at the heated surface in the vessel.

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

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : WIND TURBINE WITH BEARING SUPPORT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F03D11/00,F16C23/06,F16C35/067 :PA 2010 70418 :30/09/2010 :Denmark :PCT/DK2011/050362 :27/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)VESTAS WIND SYSTEMS A/S <ul> <li>Address of Applicant :Hedeager 44 DK 8200 Aarhus N</li> </ul> </li> <li>Denmark </li> <li>(72)Name of Inventor : <ul> <li>1)DEMTR-DER Jens</li> </ul> </li> </ul>
(87) International Publication No	<sup>1</sup> :WO 2012/041322	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

In order to provide a wind turbine generator with a shaft and a bearing system which bearing system e.g. using less material or using material which is relatively cheaper or which is not needed to have the same strength in comparison with some other solutions there is disclosed a wind turbine generator with a bearing system including a lockable connection comprising a bearing surface and a support surface which surfaces are engaged when the lockable connection is locked and where forces from the shaft are transferred via the bearing and into the support through the bearing surface and wherein a support angle of the support surface relatively to a shaft plane formed by rotating the shaft around a first axis which first axis is perpendicular to the centre axis and which first axis is comprised in a vertical plane is ranging from and including 5 degrees to and including 70 degrees.

No. of Pages : 27 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : OVER RATING CONTROL OF WIND TURBINES AND POWER PLANTS

(57) Abstract :

A wind turbine power plant comprises a plurality of wind turbines each having a rated output and under the control of a power plant controller. The power plant also has a rated output which may be over rated in response to one or more electricity pricing data power plant age and operator demand. This may comprise a schedule of output set point changes which effect seasonal or intraday changes in electricity prices or which reflect aging of the power plant. It may also reflect the price of electricity on spot or futures markets. Once the over rating of the power plant has been set the output may be increased by over rating individual turbines or operating turbines at rated power if the sum of the rated outputs of the turbines exceeds or is equal to the new power plant output set point.

No. of Pages : 32 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : ESTER PRO DRUGS OF [3 (1 (1H IMIDAZOL 4 YL)ETHYL) 2 METHYLPHENYL] METHANOL FOR TREATING SKIN DISEASES AND CONDITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K31/4174,A61P17/04 :61/383370 :16/09/2010 :U.S.A. :PCT/US2011/051979 :16/09/2011 :WO 2012/037484	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN INC.</li> <li>Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92886 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DIBAS Mohammed I.</li> <li>2)CHOW Ken</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA	3)DONELLO John E. 4)GARST Michael E. 5)GIL Daniel W. 6)WANG Liming

(57) Abstract :

The present invention relates to method for treating skin diseases and skin conditions in a subject in need of such treatment which comprises administering a therapeutically effective amount of a composition comprising ester pro drugs of [3 (1 (1H imidazol 4 yl)ethyl) 2 methylphenyl] methanol or enantiomers thereof pharmaceutical compositions containing them and their use as pharmaceuticals.

No. of Pages : 45 No. of Claims : 11

(21) Application No.2983/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B31F5/06,C09J7/02	(71)Name of Applicant :
(31) Priority Document No	:61/383616	1)ROME Patrick
(32) Priority Date	:16/09/2010	Address of Applicant :3001 Silver El Paso TX 79930 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2011/022314	1)ROME Patrick
Filing Date	:25/01/2011	
(87) International Publication No	:WO 2013/058723	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : COMPONENT CARRIER REEL SPLICING TAPE

(57) Abstract :

A splicing tape for accurately aligning and joining spliced component carrier reels is disclosed. The flexible splice tape allows the components to remain aligned and picked from a component carrier reel without interruption at the union of a first and second reel. The splice tape with an optional stiffening strip provides a flexible yet strong connection to prevent back and forth axial and lateral movement between spliced reels. The detection of the disclosed splice tape facilitates elimination of incorrect and mismatched components during splicing. The splice tape comprises a plastic type material coated on one side with a pressure sensitive adhesive composition. A protective paper covers the adhesive composition. The splice tape and protective paper are divided into sections using a staggered slit arrangement. The staggered slit arrangement aids in proper alignment and adhesion of the splice tape to component carrier reels.

No. of Pages : 39 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BRAKE LINING WEAR INDICATOR DISC BRAKE HAVING SUCH AN INDICATOR AND BRAKE SHOES FOR SUCH A DISC BRAKE

(51) International classification	:F16D66/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 048 988.3	1)WABCO Radbremsen GmbH
(32) Priority Date	:20/10/2010	Address of Applicant :Brlochweg 25 68229 Mannheim
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/005059	(72)Name of Inventor :
Filing Date	:10/10/2011	1)STUMPF Martin
(87) International Publication No	:WO 2012/052121	2)FALTER Wolfgang
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

The invention relates to a device for indicating wear on the friction lining of a brake shoe of a disc brake, having an electrically conductive unit (28) which comes into electrical contact with the brake disc when a first predetermined wear limit is reached during braking, wherein the electrically conductive unit is elongate and a section (34) adjacent to the section (32) lying closest to the brake disc in the installed state forms an angle (a) between 0° and 90°, preferably between 2° and 20°, more preferably between 8° and 16° with the plane of the brake disc.

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD AND APPARATUS FOR REMOVING METALLURGICAL FUMES IN SNOUT IN CONSECUTIVE MOLTEN PLATING FACILITIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:2011148376 :04/07/2011 :Japan :PCT/JP2012/066947 :03/07/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2013/005732 :NA :NA :NA :NA	1)YAMAUCHI Yu 2)KAWAMURA Mikio 3)YAMAMOTO Kuniaki 4)MIZUNO Tokuhiro 5)FURUTA Noboru

#### (57) Abstract :

There are provided a method for removing metal filmes inside a snout and a device for removing metal fumes inside a snout in a continuous hot-dip plating plant, 5 which are capable of reliably removing metal fumes causing unplating from the snout without heating an outer wall of the snout. [Solution] Heated inert gas is supplied to an inside of a snout 10 which is formed between a continuous annealing furnace outlet and a hot-dip metal plating bath, and while maintaining atmospheric temperature of the inside of the snout and temperature of an inner 10 wall of the snout, gas having a flow rate greater than a gas supply flow rate is exhausted, and thus, a gas stream is formed which flows from the continuous annealing furnace to a surface of the hot-dip metal plating bath, which prevents quality defect from occurring caused by metal fumes generated from molten metal surface being coagulated and deposited on the inner wall of the snout or on an inner wall of the continuous annealing 15 furnace, or being dropped on and attached to a steel plate

No. of Pages : 32 No. of Claims : 6

## (19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A SYSTEM FOR USE IN TISSUE REPAIR

(51) International	:A61B17/04,A61B17/34,A61B17/16	(71)Name of Applicant :
classification		1)SMITH & NEPHEW INC.
(31) Priority Document No	:61/390239	Address of Applicant :150 Minuteman Road Andover MA
(32) Priority Date	:06/10/2010	01810 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2011/054991	1)SORENSEN Peter Klindt
Application No		2)KOSKI Matthew Edwin
Filing Date	:05/10/2011	3)TORRIE Paul Alexander
(87) International Publication	<sup>1</sup> WO 2012/049050	4)ELLIS Daniel B.
No	:wO 2012/048050	5)SULLIVAN James Joseph
(61) Patent of Addition to	NT A	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to	N7.4	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a system for use in tissue repair. The system includes a cannulated guide an obturator configured for insertion through the guide a drill configured for insertion through the guide and an anchor delivery tool configured for insertion through the guide.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING LUNG CANCER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(52) Abstract :</li> </ul>	:C07C49/517,C07C323/22,A61K31/122 :TW099131844 :20/09/2010 :China :PCT/US2011/032785 :15/04/2011 :WO 2012/039793 O :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GOLDEN BIOTECHNOLOGY CORPORATION Address of Applicant :101 HUDSON STREET, SUITE 2100, JERSEY CITY, NEW JERSEY 07302, USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LIU Sheng yung</li> <li>2)HWANG San bao</li> <li>3)WEN Wu che</li> </ul>
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(57) Abstract :

The present invention provides methods and compositions for treating lung cancer by cyclohexenone compounds.

No. of Pages : 67 No. of Claims : 37

### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PRE SLIT DONUT BREAK SEAL

(51) International classification	:B65D41/50,B65D47/36,B65D53/04	(71)Name of Applicant : 1)SAINT GOBAIN PERFORMANCE PLASTICS
(31) Priority Document No	:61/384167	CORPORATION
(32) Priority Date	:17/09/2010	Address of Applicant :1199 South Chillicothe Road Aurora
(33) Name of priority country	y:U.S.A.	OH 44202 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/051978 :16/09/2011	<ul><li>(72)Name of Inventor :</li><li>1)MONTUORI Daniel S.</li><li>2)GROTH Jeffrey K.</li></ul>
(87) International Publication No	<sup>1</sup> :WO 2012/037483	3)MOLL Leland E.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A break seal is provided which comprises a foam sheet and a film layer. The foam sheet comprises a center hole. The film layer is partially scored through the thickness.

No. of Pages : 29 No. of Claims : 82

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A FLEXIBLE MATERIAL AND ARTICLES MADE THEREFROM

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:17/09/2010 :U.S.A. :PCT/US2011/051941 :16/09/2011 :WO 2012/037462 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT GOBAIN PERFORMANCE PLASTICS</li> <li>CORPORATION <ul> <li>Address of Applicant :1199 South Chillicothe Road Aurora</li> </ul> </li> <li>Ohio 44202 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)SIDDHAMALLI Sridhar Krishnamurthi</li> <li>2)SIMON Mark W.</li> </ul> </li> </ul>
Filing Date (62) Divisional to	:NA :NA	
Application Number Filing Date	:NA	

(57) Abstract :

A flexible tubing material includes a mixture of a polyolefin and a styrenic based block copolymer wherein the styrenic based block copolymer has an A B A block configuration and a molecular weight of at least about 350 kg/mol.

No. of Pages : 26 No. of Claims : 43

(19) INDIA

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

(43) Publication Date : 14/11/2014

	I
:E06B7/215	(71)Name of Applicant :
:1014833.6	1)RBP ASSOCIATES LIMITED
:07/09/2010	Address of Applicant : Channel House 386 Seafront Hayling
:U.K.	Island P011 OBD U.K.
:PCT/GB2011/001316	(72)Name of Inventor :
:07/09/2011	1)PARKER Brian Reginald
:WO 2012/032295	
•NI A	
:NA	
:NA	
:NA	
	:1014833.6 :07/09/2010 :U.K. :PCT/GB2011/001316 :07/09/2011 :WO 2012/032295 :NA :NA :NA

### (54) Title of the invention : AUTOMATIC DOOR BOTTOM DROP DOWN SEAL

(57) Abstract :

An automatic door bottom drop down seal having an actuator (28) responsive to closing of a door for moving a sealing member vertically downwards into a sealing position relative to the door threshold when the door is closed. The actuator includes an arm (34) connected to a block (26) slidable within a channel (24) of the seal housing. The arm (34) is pivotally connected to the slide block (26) so to pivot downwardly to impart downward pressure on the sealing member (40).

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

(21) Application No.2855/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification:H04L12/56(71)Name of Applicant :(31) Priority Document No:61/3875111)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	(54) Title of the invention : FAST FLOODING BASED FAST CONVERGENCE TO RECOVER FROM NETWORK FAILURES		
(32) Priority Date:29/09/2010Address of Applicant :S 164 83 Stockholm Sweden(33) Name of priority country:U.S.A.:72)Name of Inventor :(86) International Application No:PCT/IB2011/0541561)LU WenhuFiling Date:22/09/20112)TIAN Albert Jining(87) International Publication No:WO 2012/0424402)TIAN Albert Jining(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NA	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L12/56 :61/387511 :29/09/2010 :U.S.A. :PCT/IB2011/054156 :22/09/2011 :WO 2012/042440 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)LU Wenhu</li> </ul>

#### (57) Abstract :

A router detects a network failure and responsive to that failure floods a fast failure notification message out a set of interfaces of the router. The fast failure notification message includes information that identifies the network failure and includes as its source MAC (Media Access Control) address a MAC address that is assigned to an interface that is coupled with the detected network failure and is not part of the set of interfaces of the router. The router updates a routing table to reflect the network failure. The flooding of the fast failure notification message is performed prior to completion of the routing table update to reflect the network failure.

No. of Pages : 84 No. of Claims : 110

(19) INDIA(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LIQUID MENISCUS LENS INCLUDING VARIABLE VOLTAGE ZONES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> <li>No <ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:PCT/US2011/053422 :27/09/2011 :WO 2012/044610 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON &amp; JOHNSON VISION CARE INC. Address of Applicant :7500 Centurion Parkway Jacksonville Florida 32256 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PUGH Randall B.</li> <li>2)OTTS Daniel B.</li> <li>3)TONER Adam</li> <li>4)KERNICK Edward R.</li> <li>5)RIALL James Daniel</li> <li>6)SNOOK Sharika</li> </ul>
Number Filing Date	:NA	

(57) Abstract :

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially in the shape of a conical frustum with multiple voltage zones that may have variable voltages applied across the zones. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

No. of Pages : 35 No. of Claims : 32

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : USE OF BROMINE OR BROMIDE CONTAINING ORGANIC COMPOSITIONS FOR REDUCING MERCURY EMISSIONS DURING COAL COMBUSTION

(31) Priority Document No	:B01D53/64,B01D53/83,C10L9/10 :61/390458 :06/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ALBEMARLE CORPORATION Address of Applicant :451 Florida Street Baton Rouge LA 70801 1765 U.S.A. </li> </ul>
No Filing Date (87) International Publication	:PCT/US2011/054942 :05/10/2011 :WO 2012/048011	<ul><li>(72)Name of Inventor :</li><li>1)NALEPA Christopher J.</li></ul>
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	

(57) Abstract :

Processes and systems are provided for using bromine and/or bromide containing organic compound to reduce mercury emissions during coal combustion.

No. of Pages : 10 No. of Claims : 4

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : REMOTELY CONTROLLED APPARATUS FOR DOWNHOLE APPLICATIONS AND RELATED METHODS

#### (57) Abstract :

An expandable apparatus may comprise a tubular body a valve piston and a push sleeve. The tubular body may comprise a fluid passageway extending therethrough and the valve piston may be disposed within the tubular body the valve piston configured to move axially within the tubular body responsive to a pressure of drilling fluid passing through the fluid passageway and configured to selectively control a flow of fluid into an annular chamber. The push sleeve may be disposed within the tubular body and coupled to at least one expandable feature the push sleeve configured to move axially responsive to a flow of fluid into the annular chamber extending the at least one expandable feature.

No. of Pages : 55 No. of Claims : 26

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : SPORTS MUSICOM HEADSET		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:H04R1/08,H04R1/10,H04R5/033 :61/386114 :24/09/2010 :U.S.A. :PCT/US2011/053176 :24/09/2011 :WO 2012/040683 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GIBBONS Peter <ul> <li>Address of Applicant :Suite E 1805 North Carson Street</li> <li>Carson City Nevada 89701 U.S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)GIBBONS Peter</li> </ul> </li> </ul>

(57) Abstract :

A Sports MusiCom headset (10) adapted for use with cellular telephones comprises at least one speaker (28) and microphone (30) mounted within helmet liner (20). Speaker (28) microphone (30) and chin strap (32) are held in place by detachable fastening means or stretchable fabric. Microphone (30) is contained within a pocket of chin strap (32) so as to rest microphone (30) against the wearer s throat. Slap switch (60) is a relatively large (ideally four square inch) call answer button that allows easy answering of telephone calls. Breakaway connector (40) is provided between helmet liner (20) and slap switch (60). A further embodiment incorporates standard headphone and microphone connections (85 86) for compatibility with a wearer s headset of choice and which may also incorporate slap switch (60). Patch cables may be included to allow use of the headset device with different cellular telephone models.

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

(22) Date of filing of Application :03/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SINGLE STEP PROCESSING OF MEMORY MAPPED ACCESSES IN A HYPERVISOR

(51) International classification	n:G06F12/00,G06F9/455,G06F9/30	(71)Name of Applicant :
(31) Priority Document No	:12/883465	1)UNISYS CORPORATION
(32) Priority Date	:16/09/2010	Address of Applicant :801 Lakeview Dr. Suite 100 M/S 2NW
(33) Name of priority country	:U.S.A.	Blue Bell PA 19422 U.S.A.
(86) International Application	:PCT/US2011/051887	(72)Name of Inventor :
No	:16/09/2011	1)GRUBB J. Alan
Filing Date	.10/09/2011	2)LANDIS John
(87) International Publication	:WO 2012/037439	3)THOMPSON Bryan
No	. WO 2012/03/439	4)HUNTER James R.
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11A	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract :

(19) INDIA

Trapping and/or processing of read/write accesses to hardware devices represented to the host through a memory mapped space may he performed without knowledge of the processor s instruction set or semantics of the processor s instructions. A single step routine may be executed to recognize page faults occurring from read/write accesses to emulated memory pages and causing the guest to retry the operation on a single step buffer. The hypervisor may perform post operation processing on the single step buffer after the guest retries and completes the read or write access. For example on a read request the single step routine may place the guest to retry the write operation into the single step buffer. After the retry operation the single step routine may read the guest value from the single step buffer and place the guest value in a register of an appropriate emulated system.

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H05K7/20	(71)Name of Applicant :
(31) Priority Document No	:12/886472	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:20/09/2010	Address of Applicant : P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/051139	(72)Name of Inventor :
Filing Date	:11/09/2011	1)ROSS Peter G.
(87) International Publication No	:WO 2012/039968	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : SYSTEM WITH AIR FLOW UNDER DATA STORAGE DEVICES

(57) Abstract :

A computer system includes a chassis one or more hard disk drives coupled to the chassis and one or more air passages under at least one of the hard disk drives. The air passages include one or more air inlets and one or more air outlets. The inlets direct at least a portion of the air downwardly into the passages. The passages allow air to move from the air inlets to the air outlets.

No. of Pages : 55 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SURGE PROTECTION DEVICE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:H01T1/14,H01C7/12,H02H9/04 :10 2010 047 244.1 :04/10/2010 :Germany o:PCT/EP2011/066739 :27/09/2011	<ul> <li>(71)Name of Applicant : <ol> <li>PHOENIX CONTACT GMBH &amp; CO. KG</li> <li>Address of Applicant :Flachsmarktstrae 8 32825 Blomberg</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>SCHIMANSKI Joachim</li> <li>WETTER Martin</li> <li>WOLFF Gerhard</li> </ol> </li> </ul>

(57) Abstract :

The invention relates to a surge protection device(5). The surge protection device (5) has an arrester (1). The arrester(1) should produce an equalization between different potentials and arrest a surge current during use. A sensor (2) is provided on the arrester (1), said sensor (2) generating an electric switch-off signal (4). A switching device (3) receive the switch-off signal (4) and separates the arrester (1) being arranged in a physically separate manner from each other.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MOLD DELAY FOR INCREASED PRESSURE FOR FORMING CONTAINER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) U.S.A.</li> <li>(35) International Application No</li> <li>(36) International Publication No</li> <li>(37) International Publication No</li> <li>(38) WO 2012/037054</li> <li>(39) Priority Date</li> <li>(30) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) International Application No</li> <li>(37) WO 2012/037054</li> <li>(38) Priority Date</li> <li>(38) Priority Date</li> <li>(39) Priority Date</li> <li>(30) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) Priority Date</li> <li>(37) Priority Date</li> <li>(37) Priority Date</li> <li>(38) Priority Date</li> <li>(39) Priority Date</li> <li>(30) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Priority Date</li> <li>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(36) Priority Date</li> <li>(37) Priority Date</li> <li>(37) Priority Date</li> <li>(38) Priority Date</li> <li>(39) Priority Date</li> <li>(30) Priority Date</li> <li>(31) Priority Date</li> <li>(31) Priority Date</li> <li>(31) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Priority Date</li> <li>(34) Priority Date</li> <li>(36) Priority Date</li> <li>(36) Priority Date</li> <li>(37) Priority Date</li> <li>(38) Priority Date</li> <li>(38) Priority Date</li> <li>(39) Priority Date</li> <li>(31) Priority Date</li> <li>(31) Priority Date&lt;</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)AMCOR LIMITED</li> <li>Address of Applicant :109 Burwood Road Hawthorn Victoria</li> <li>3122 Australia</li> <li>(72)Name of Inventor :</li> <li>1)MAKI Kirk Edward</li> <li>2)LISCH George David</li> </ul>
Filing Date :NA (62) Divisional to Application :NA Number :NA Filing Date	

(57) Abstract :

A method of fluid forming a container comprising positioning a plastic preform into a mold cavity wherein the mold cavity defines a first configuration and a first volume. The method further includes injecting a fluid within the plastic preform at a first fluid pressure urging the plastic preform into an expanded shape. The method includes actuating the mold cavity into a second configuration and a second volume whereby the second volume is smaller than the first volume thereby resulting in a second fluid pressure within the plastic preform being greater than the first fluid pressure.

No. of Pages : 19 No. of Claims : 24

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR PRODUCING BIS(AMINOMETHYL)CYCLOHEXANES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C209/48,C07C211/18,C07C253/22 :2010227745 :07/10/2010 :Japan :PCT/JP2011/073004 :05/10/2011 :WO 2012/046781 ? :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YOSHIMURA Naritoshi</li> <li>2)KIYONO Shinji</li> <li>3)HAMADA Tetsuya</li> <li>4)WATANABE Eiji</li> <li>5)SAWADA Saiko</li> </ul>
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(57) Abstract :

A method for producing a bis(aminomethyl)cyclohexane involves: a nuclear hydrogenation step of subjecting at least one type of a phthalic acid or a derivative thereof selected from a group consisting of phthalic acids phthalate esters and phthalic acid amides to nuclear hydrogenation to thereby obtain a hydrogenated phthalic acid or a derivative thereof; a cyanation step of bringing the hydrogenated phthalic acid or the derivative thereof obtained in the nuclear hydrogenation step into contact with ammonia to thereby obtain a dicyanocyclohexane; and an aminomethylation step of bringing the dicyanocyclohexane obtained in the cyanation step a metal oxide is used as a catalyst and the metal content of the obtained dicyanocyclohexane is 3000 ppm or less.

No. of Pages : 37 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : FABRICATED VEHICLE AXLE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant : <ol> <li>HENDRICKSON USA L.L.C.</li> <li>Address of Applicant :500 Park Boulevard Suite 1010 Itasca</li> <li>IL 60143 U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BUBULKA John Stephen</li> <li>DUDDING Ashley Thomas</li> <li>CORTEZ Jerome Lim</li> <li>WILTJER Brian Scott</li> </ol> </li> </ul>

(57) Abstract :

A fabricated 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 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 is inserted within the space between the cover flap and the top edges of the end extensions. King pin bolt holes are machined at each axle head section into the cover flaps head plates and each end of the bottom plate to permit a king pin to be installed therein.

No. of Pages : 51 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : KIT FOR A DRYER SECTION OF A DRYER AND METHOD FOR PRODUCING A DRYER SECTION OF A DRYER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F26B15/14,F26B25/06 :10 2010 063 260.0 :16/12/2010 :Germany :PCT/EP2011/072800 :14/12/2011 :WO 2012/080357 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DRR SYSTEMS GMBH Address of Applicant :Carl Benz Strasse 34 74321 Bietigheim Bissingen Germany</li> <li>(72)Name of Inventor :</li> <li>1)N,,PFEL Peter</li> <li>2)HERBST Klaus Eugen</li> <li>3)ORTLIEB Konrad</li> <li>4)WESCHKE J<sup>1</sup>/<sub>4</sub>rgen</li> </ul>
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#### (57) Abstract :

In order to provide a kit for a dryer portion (144) of a dryer (100), by means of which a dryer portion of the dryer can be transported in a particularly spacesaving manner to an assembly site of the dryer and can be assembled from particularly few parts, it is proposed that the kit comprises at least two components (146, 146a, 146b, 146c), at least one left-hand side wall d component (146, 146a) comprising a left-hand side wall portion (112) of the dryer, at least one right-hand side wall component comprising a right-hand side wall portion (114) of the dryer and at least one component comprising a base wall portion (108) and/or a ceiling wall portion (110) of the dryer and a | conveying unit (104) of a conveying device (103) for conveying workpieces to be j dried through the dryer in the assembled state of the dryer, the dryer portion of the dryer being configured to be assembled at an assembly site from the at least two components of the kit (148).

No. of Pages : 52 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR PRODUCING METAL COMPLEX QUANTUM CRYSTALS

(51) International classification	:C01B17/64,C01G5/00,C07C229/08	(71)Name of Applicant : 1)MYTECH CO. LTD.
(31) Priority Document No	:2010198555	Address of Applicant :4652 4 Funatsu cho Himeji shi Hyogo
(32) Priority Date	:06/09/2010	6792101 Japan
(33) Name of priority country	/ :Japan	(72)Name of Inventor :
(86) International Application	<sup>1</sup> ·PCT/IP2011/070274	1)HASEGAWA Yuki
No	:06/09/2011	2)HASEGAWA Katsuyuki
Filing Date		
(87) International Publication No	<sup>1</sup> :WO 2012/033097	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	<sup>n</sup> ·NA	
Number	:NA	
Filing Date	.1 12 2	

(57) Abstract :

To provide a method for producing a quantum crystal of a metal complex encapsulating plasmon metal quantum dots. [Solution] The presnt quantum crystals are produced by a method charactgerized in that an aqueous solution of plasmon metal complex made from a ligand and a plasmon metal selected from the group consisting of gold, silver, copper, nickel, zinc, aluminium, and platinum, is prepared and brought into contact with a metal carrier made of a metal or a metal alloy having an electrode potential lower than that of the plasmon metal in the aqueous solution, such that the plasmon metal complex is preciptated as quantum crystals arranged on the metal carrier, resulting in having a plasmon enhancement effect. The metal complex crystals encapsulate metal quantum dots, so that an excellent adsorption capability of sample to be detected, as well as an excellent surface plasmon exitation electrofield enhancement effects, are obtained as a result of the quantum size effect.

No. of Pages : 27 No. of Claims : 10

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : CONNECTOR PIN ASSEMBLY WITH DUAL FUNCTION OUTER END PORTIONS AND ASSOCIATED GROUND ENGAGING APPARATUS

(51) International classification	:E02F9/28	(71)Name of Applicant :
(31) Priority Document No	:61/380776	1)HENSLEY INDUSTRIES INC.
(32) Priority Date	:08/09/2010	Address of Applicant :2108 Joe Field Road Dallas TX 75229
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/046356	(72)Name of Inventor :
Filing Date	:03/08/2011	1)CAMPOMANES Patrick
(87) International Publication No	:WO 2012/033579	2)DIAZ Isai
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
•		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A connector pin assembly is insertable into aligned openings in telescoped ground engaging wear and support members to releasably hold the wear member on the support member. The assembly has a tubular outer housing that is nonrotatably received in the openings. A connector pin longitudinally extends through the housing and is rotatable relative thereto among selectively variable rotational orientations in which the pin is releasably locked to the housing by cooperative detent structures carried by the housing and the pin. Outer end portions of the pin perform two functions which are controlled by rotating the pin relative to the housing. First outer pin member end portions are rotatable to selectively hold the wear member on the support member or release it therefrom. Second the outer pin end portions are rotatable to adjustably tighten the wear member onto the support member.

No. of Pages : 37 No. of Claims : 44

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : PROCESS FOR RECOVERING SUGARS FROM A PRETREATMENT STREAM OF LIGNOCELLULOSIC BIOMASS

(51) International classification	:D21B1/02,D21B1/12,D21B1/36	(71)Name of Applicant :
(31) Priority Document No	:TO2010A000792	1)BETA RENEWABLES S.P.A.
(32) Priority Date	:29/09/2010	Address of Applicant :Strada Ribrocca 11 I 15057 Tortona
(33) Name of priority country	:Italy	(Alessandria) Italy
(86) International Application N	o:PCT/IB2011/054293	(72)Name of Inventor :
Filing Date	:29/09/2011	1)OTTONELLO Piero
(87) International Publication No :WO 2012/042497		2)FERRERO Simone
(61) Patent of Addition to	:NA	3)TORRE Paolo
Application Number	:NA	4)CHERCHI Francesco
Filing Date	.NA	5)DE FAVERI Danilo
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11A	

#### (57) Abstract :

The process is for pretreating a lignocellulosic biomass feedstock and comprises: soaking a lignocellulosic biomass feedstock wherein the soaked biomass is present as a mixture with a free liquid and wherein the free liquid comprises at least one dissolved compound selected from the group consisting of glucose xylose and respective oligomers thereof washing the mixture of the soaked biomass and the free liquid wherein at least a portion of the free liquid containing at least one dissolved compound selected from the group consisting of glucose xylose and respective oligomers thereof is separated from the soaked biomass to create a soaked washed biomass and at least one free liquid stream compressing the soaked biomass to create a released liquid separating the released liquid from the soaked biomass and keeping at least a portion of the released liquid separate from any free liquid.

No. of Pages : 19 No. of Claims : 14

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A WELDING APPARATUS AND A METHOD FOR WELDING

#### (51) International classification :B23K9/12,B23K9/173,B23K9/18 (71)Name of Applicant : (31) Priority Document No 1)ESAB AB :NA (32) Priority Date :NA Address of Applicant : P.O. Box 8004 S 402 77 Gteborg (33) Name of priority country :NA Sweden (86) International Application (72)Name of Inventor: :PCT/EP2010/064499 No 1)BERG Michael :29/09/2010 Filing Date (87) International Publication :WO 2012/041375 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract :

Filing Date

The invention relates to a twin wire welding apparatus (1) including a first contact tube (2) for guiding a first consumable electrode (4) toward a weld puddle (6) and transferring welding current to the first consumable electrode (4) a second contact tube (10) for guiding a second consumable electrode (12) toward said weld puddle (6) and transferring welding current to the second consumable electrode (12) and a single power source (16) connected to said first and second contact tubes (2 10) for providing the same potential to said two consumable electrodes (4 12) and to a method for operating such an apparatus.

No. of Pages : 39 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PRE TREATED BIOMASS HAVING ENHANCED ENZYME ACCESSIBILITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08L97/02,C08H8/00 :NA :NA :NA :PCT/IT2010/000410 :29/09/2010 :WO 2012/042544 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BETA RENEWABLES S.p.A. Address of Applicant :Strada Ribrocca 11 I 15057 TORTONA (Alessandria) Italy</li> <li>(72)Name of Inventor :</li> <li>1)TORRE Paolo</li> <li>2)CHERCHI Francesco</li> <li>3)OTTONELLO Piero</li> <li>4)FERRERO Simone</li> </ul>
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(57) Abstract :

This invention is to a biomass composition of 5 and 6 carbon sugars lignin and cellulose which has been steam exploded and the composition has a very high enzyme accessibility at 24 hours for hydrolysis.

No. of Pages : 26 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : PROCESS FOR THE SEPARATION OF CONTAMINANT OR MIXTURE OF CONTAMINANTS FROM A CH4 COMPRISING GASEOUS FEED STREAM

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B01D53/00 :10188933.5 :26/10/2010 :EPO :PCT/EP2011/067651 :10/10/2011 :WO 2012/055695 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHELL INTERNATIONALE RESEARCH</li> <li>MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR The Hague Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)VAN SINT ANNALAND Martin</li> <li>2)TUINIER Martin Jan</li> </ul>
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#### (57) Abstract :

The invention provides a process for the separation of a contaminant or mixture of contaminants from a CH comprising gaseous feed stream comprising the subsequent steps of: a) passing a CH comprising gaseous feed stream comprising the contaminant or the mixture of contaminants into and through a cold porous body having a temperature below the sublimation temperature of the contaminant or the mixture of contaminants and contacting the CH comprising gaseous feed stream at elevated pressure with the surface of the cold porous body to obtain a porous body comprising solid contaminant or mixture of contaminants and a contaminant depleted product gas; and b) reducing the pressure to obtain fluid contaminant or mixture of contaminants and a cold porous body. c) removing the fluid contaminant or mixture of contaminants wherein the contaminant is selected from CO hydrogen sulphide mercaptans siloxanes and carbonyl sulphide or a mixture thereof.

No. of Pages : 43 No. of Claims : 13

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : UNITARY SORBENT CANISTER WITH THIN END WALL

#### (51) International classification :B01D53/26,F24F3/14,B65D85/00 (71)Name of Applicant : 1)MULTISORB TECHNOLOGIES INC. (31) Priority Document No :12/889057 (32) Priority Date :23/09/2010 Address of Applicant :325 Harlem Road Buffalo New York (33) Name of priority country :U.S.A. 14224 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/052694 1)HURLEY Thomas J. No :22/09/2011 Filing Date 2)CALAMAN Karen H (87) International Publication :WO 2012/040423 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A sorbent container includes a permeable plastic container a permeable membrane and a sorbent. The permeable plastic container includes a sidewall and an endwall the sidewall defining an opening opposite the endwall. The permeable membrane is fused to the sidewall to cover the opening. A fused junction is formed between the sidewall and the permeable membrane. The sorbent is disposed within the plastic container.

No. of Pages : 19 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A61F13/511	(71)Name of Applicant :
(31) Priority Document No	:61/388733	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:01/10/2010	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/053609	(72)Name of Inventor :
Filing Date	:28/09/2011	1)RAWAT Digvijay
(87) International Publication No	:WO 2012/044656	2)GLASSMEYER Ronda Lynn
(61) Patent of Addition to Application	:NA	3)STONE Keith Joseph
Number	:NA	4)CECCHETTO Pietro
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : BONDING PATTERN FOR DISPOSABLE ABSORBENT ARTICLES

(57) Abstract :

In accordance with an embodiment of the disclosure an article includes a first web and second web underlying the first web wherein each of the first and second webs includes first and second end regions and first and second side regions. The first web includes a precursor web having a pattern of discrete substantially columnar protruded extensions extending only from a first surface of the precursor web each of the protruded extensions having a sidewall defining an open proximal portion and a closed distal portion. The article further includes a bonding pattern adhering together at least one of the first end regions of the first and second webs and the second end regions of the first and second webs. The bonding pattern includes a plurality of discrete bonding points and a sized spacing between each adjacent bonding point sufficient to have inscribed therein a circle having a diameter of about 1 mm to about 12 mm.

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

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:F02F11/00,F16J15/08	(71)Name of Applicant :
(31) Priority Document No	:2010227228	1)NIPPON GASKET Co. Ltd.
(32) Priority Date	:07/10/2010	Address of Applicant :5 14 Midorigaoka Toyota shi Aichi
(33) Name of priority country	:Japan	4710838 Japan
(86) International Application No	:PCT/JP2011/072840	2)TOYOTA JIDOSHA KABUSHIKI KAISHA
Filing Date	:04/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/046718	1)OGAERI Tomoyoshi
(61) Patent of Addition to Application	:NA	2)KIYOI Shigeo
Number	:NA :NA	3)CHIBA Masaki
Filing Date	.NA	4)YOSHIJIMA Kazuya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : CYLINDER HEAD GASKET

#### (57) Abstract :

A cylinder head gasket 1 includes a pair of gasket ! base plates 4 and 5 in which combustion chamber holes 8 and full beads 4a and 5a surrounding the combustion j chamber holes 8 are formed, an intermediate plate 6 interposed between the pair of gasket base plates, and a i shim plate 7 interposed between the intermediate plate and one of the gasket base plates. The shim plate 7 is provided in such a position as to overlap the full beads. First half beads 4b and 5b j are further provided which are formed in the gasket base plates in such positions as to surround the plurality of full beads and not to overlap the shim plate. j Water holes 10 are provided outside regions | surrounded by the first half beads, and the first half beads are formed to be distanced apart from each other | across a center line connecting centers of the combustion chamber holes at a position at which the combustion j chamber holes are close to each other. } I Flowing of a coolant into a space between adjacent j I full beads is stopped to prevent separation of a coating. i i

No. of Pages : 25 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CONNECTION DEVICE WITH RELEASABLE CLAMPING MODULES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B63B27/24,F16L37/12 :1004201 :26/10/2010 :France :PCT/FR2011/000572 :25/10/2011 :WO 2012/056123 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KSB SAS <ul> <li>Address of Applicant :4 alle des Barbanniers F 92635</li> </ul> </li> <li>Gennevilliers Cedex France <ul> <li>(72)Name of Inventor :</li> <li>1)EYQUEM Sebastien</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to a connection disconnection device comprising a first end fitting (4.1) a second end fitting (4.2) and several clamping modules (7) each of said modules being arranged to be applied at the rear of a flange (12) of the second end fitting (4.2) and to move away therefrom. Each module (7) is mounted such that it can move in a second movement from a retaining position in which it can hold the end fittings (4.1 4.2) against one another into a disengaged position in which it can no longer do so.

No. of Pages : 25 No. of Claims : 5

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HIGH PRESSURE REDUCTION OXIDATION DESULFURIZATION PROCESS

(51) International classification	:B01D53/52,B01D53/78,B01D53/96	(71)Name of Applicant : 1)MERICHEM COMPANY
(31) Priority Document No	:12/913448	Address of Applicant :5455 Old Spanish Trail Houston TX
(32) Priority Date	:27/10/2010	77023 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2011/050898 :08/09/2011 <sup>1</sup> :WO 2012/057925	1)NAGL Gary J.
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

An improved process for reduction oxidation desulphurization uses an oxidizer operating at a pressure greater than the absorber where a liquid reduction oxidation catalyst solution contacts a sulfur containing gas feed stream.

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

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : COLOR CONTROL PATTERN FOR THE OPTICAL MEASUREMENT OF COLORS PRINTED ON A SHEET OR WEB SUBSTRATE BY MEANS OF A MULTICOLOR PRINTING PRESS AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B41F33/00 :10187099.6 :11/10/2010 :EPO :PCT/IB2011/054453 :10/10/2011 :WO 2012/049610 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KBA NotaSys SA Address of Applicant :PO Box 347 55 Avenue du Grey CH 1000 Lausanne 22 Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)TRKE Thomas</li> <li>2)WILLEKE Harald Heinrich</li> <li>3)LANTERNIER Jean Baptiste</li> </ul>
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#### (57) Abstract :

There is described a color control pattern (CP) for the optical measurement of colors printed on a sheet or web substrate (S) by means of a multicolor printing press especially by means of a multicolor security printing press which substrate (S) exhibits an effective printed region (EF) having a multicolor printed image comprising a plurality of juxtaposed colored areas (A H) printed with a corresponding plurality of printing inks of different colors wherein the color control pattern (CP) is located in a margin portion (Im) of the substrate (S) next to the effective printed region (EF). The color control pattern (CP) comprises one or more color control strips (a d) extending transversely to a direction of transport (T) of the substrate (S) each color control strip (a d) comprising a plurality of distinct color control fields (CF CF to CF) consisting of printed fields of each relevant printing ink that is printed in the effective printed region (EF). The color control fields (CF CF to CF) are coordinated to actual application of the relevant printing inks in the effective printed region (EF) and are positioned transversely to the direction of transport (T) of the substrate (S) at locations corresponding to actual positions where the relevant printing inks are applied in the effective printed region (EF).

No. of Pages : 41 No. of Claims : 40

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : FIRE EXTINGUISHING COMPOSITION GENERATING FIRE EXTINGUISHING SUBSTANCE THROUGH HIGH TEMPERATURE DECOMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A62D1/06 :201010285531.1 :16/09/2010 :China :PCT/CN2011/079429 :07/09/2011 :WO 2012/034494 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHAANXI J &amp; R FIRE FIGHTING CO. LTD. Address of Applicant :Qingyang International Building Tsinghua Science Park No. 65 Ke Ji Er Road High Tech Industry Development Zone Xian Shaanxi 710075 China</li> <li>(72)Name of Inventor :</li> <li>1)GUO Hongbao</li> <li>2)LIU Honghong</li> <li>3)ZHAO Xiaoqing</li> </ul>
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#### (57) Abstract :

The present invention relates to a fire extinguishing composition generating fire extinguishing substance through high-temperature decomposition; the fire extinguishing composition includes a fire extinguishing material which can be decomposed to release substance with fire extinguishing properties during the heating process; the content of the fire extinguishing material is at least 80wt%; a pyrotechnic agent is adopted as a heat source and a power source in a process of fire extinguishing; and the purpose of fire extinguishing is achieved by: igniting the pyrotechnic agent, generating a large quantity of fire substance from the fire extinguishing composition in the use of high temperature produced by burning pyrotechnic agent, and the fire substance sprays out together with the pyrotechnic agent. Compared with the traditional aerosol fire extinguishing systems, the gas fire extinguishing systems and the water type extinguishing systems, the present invention provides a more efficient and safer fire extinguishing composition.

No. of Pages : 16 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(-)		
(51) International classification	:A23F5/28	(71)Name of Applicant :
(31) Priority Document No	:2010225440	1)KAO CORPORATION
(32) Priority Date	:05/10/2010	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/JP2011/072975	(72)Name of Inventor :
Filing Date	:05/10/2011	1)YAMAMOTO Shinji
(87) International Publication No	:WO 2012/046766	2)KATAOKA Kiyoshi
(61) Patent of Addition to Application	:NA	3)SHIOYA Yasushi
Number		4)OGURA Yoshikazu
Filing Date	:NA	5)HASHIMOTO Hiroshi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : CONCENTRATED COFFEE COMPOSITION

(57) Abstract :

Provided is a concentrated coffee composition containing chlorogenic acids at a high concentration and having good taste or flavor. The concentrated coffee composition of the present invention contains the following components (A) and (B): 100 to 300 mg/g of chlorogenic acids (A) in dry solids content; and not more than 0.33 mg/g of 5-hydroxymethylfurfural (B) in dry solids content, wherein the dry solids content is 10 to 100 mass %.

No. of Pages : 42 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND APPARATUS FOR EFFICIENT IMPLEMENTATION OF DESIGN CHANGES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:G06F17/50,E21B10/00 :61/390177 :05/10/2010 :U.S.A. :PCT/US2011/054657 :03/10/2011 :WO 2012/047820 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :2001 Rankin Road Houston Texas </li> <li>77073 U.S.A.  <ul> <li>(72)Name of Inventor :</li> <li>1)SINOR L. Allen</li> <li>2)PAULSEN Eric</li> <li>3)WEST David</li> </ul></li></ul>
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#### (57) Abstract :

The disclosed embodiments allow a user to request new product designs and design changes remotely. The requested design or change is then submitted to a network based automated process. The process may be remotely accessed by the user through a network connection. In one embodiment the user may meet directly with a customer pull up the specifications for the product in question select a design or change desired by the customer and submit the design or change. The process works in the background to validate the requested design according to one or more validation rules and/or best practices and completes many of the necessary tasks to allow the requested design to proceed to manufacturing. Once the process has successfully completed the requested change a notification is sent to the user containing information about the new or changed product such as the new part number order number and the like.

No. of Pages : 38 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROPELLER FOR VENTILATOR WITH A VARIABLE CHORD LENGTH (51) International classification :F04D29/38 (71)Name of Applicant : (31) Priority Document No 1)VALEO SYSTEMES THERMIQUES :1057868 (32) Priority Date Address of Applicant :8 rue Louis Lormand La Verri<sup>re</sup> F :29/09/2010 (33) Name of priority country 78320 Le Mesnil Saint Denis France :France :PCT/EP2011/063047 (72)Name of Inventor : (86) International Application No **1)HENNER Manuel** Filing Date :28/07/2011 (87) International Publication No :WO 2012/041565 2) **DEMORY Bruno 3)TANNOURY Elias** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

The wheel (1) comprises a hub (3), a guide (4) and blades (2) extending radially between the hub (3) and the guide (4), each blade (2) comprising a 5 root (6) at its junction with the hub (3) and a head (11) at the junction with the guide (4), each blade (2) having a leading edge (16) and a trailing edge (17) between which, at each flattened cross section, a chord (15) is defined. For each blade (2), between the root (6) and the head (11), the length of the 10 chord (15) varies and the variation in the length of chord (15) between the root (6) and the head (11) has a point of inflexion between two levels.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TRPA1 RECEPTOR ANTAGONIST

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul> </li> </ul>	:12/10/2010 :U.S.A. :PCT/SE2011/051213 :11/10/2011 :WO 2012/050512 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASTRAZENECA AB Address of Applicant :SE 151 85 Sdertlje Sweden</li> <li>(72)Name of Inventor :</li> <li>1)SVENSSON Mats</li> <li>2)WEIGELT Dirk</li> </ul>
Application Number Filing Date	:NA	

#### (57) Abstract :

A compound of Formula (I) pharmaceutically acceptable salts thereof enantiomers or mixtures thereof: pharmaceutical compositions containing said compounds enantiomers or mixtures processes for making said compounds enantiomers or mixtures the use of said compounds enantiomers or mixtures and medicaments containing the same for treatment of pain and other conditions and methods of treating pain and other conditions with the same.

No. of Pages : 33 No. of Claims : 10

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LIQUID MENISCUS LENS WITH NON SPHERICAL MENISCUS WALL

(57) Abstract :

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially in the shape of a conical frustum a cross section of which is non spherical. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

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

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LENS WITH MULTI SEGMENTED LINEAR MENISCUS WALL (51) International classification :G02B3/14,G02B26/02 (71)Name of Applicant : (31) Priority Document No 1)JOHNSON & JOHNSON VISION CARE INC. :61/386629 (32) Priority Date :27/09/2010 Address of Applicant :7500 Centurion Parkway Jacksonville (33) Name of priority country :U.S.A. FL 32256 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2011/053323 1)PUGH Randall B. Filing Date :26/09/2011 (87) International Publication No :WO 2012/044589 2)OTTS Daniel B. (61) Patent of Addition to Application 3)TONER Adam :NA Number 4)KERNICK Edward R. :NA Filing Date **5)RIALL James Daniel** (62) Divisional to Application Number :NA 6)SNOOK Sharika Filing Date :NA

(57) Abstract :

The present invention relates generally to an arcuate liquid meniscus lens with a meniscus wall. Some specific embodiments include a liquid meniscus lens with a meniscus wall essentially in the shape of multiple segments of a frustum of a cone. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

No. of Pages : 42 No. of Claims : 32

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TOOL FOR DEFORMING THREADS AT A PARTICULAR LOCATION ON A FASTENER (51) International classification (71)Name of Applicant : :F16B39/30 **1)RAYTHEON COMPANY** (31) Priority Document No :12/895937 Address of Applicant :870 Winter Street Waltham (32) Priority Date :01/10/2010 (33) Name of priority country Massachusetts 02451 1449 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/001352 (72)Name of Inventor : Filing Date :01/08/2011 1)HOMES David W. (87) International Publication No :WO 2012/044343 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

Some embodiments pertain to a tool that includes a first arm and a second arm that is rotatably connected to the first arm. The first arm includes an opening and the second arm includes a projection that engages threads on a fastener which is installed within the opening in the first arm. During operation of the tool a fastener is inserted into the opening in the first arm. Pressure is applied to bring the first and second arms together such that the projection engages the threads of the fastener and then deforms the threads. The first arm may include a plurality of threaded openings such that each opening is adapted to receive a different diameter fastener. In addition the second arm may include a plurality of projections such that each projection is a different size and is aligned relative to one of the openings in the first arm.

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

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

	RED CODMETTIC GEO	
(51) International classification	:A41D19/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 049 973.0	1)PFLUGFELDER Dunja
(32) Priority Date	:28/10/2010	Address of Applicant :L <sup>1</sup> /4tticherstrasse 13 50674 Kln
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/068582	(72)Name of Inventor :
Filing Date	:25/10/2011	1)PFLUGFELDER Dunja
(87) International Publication No	:WO 2012/055831	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : FOUR FINGERED COSMETIC GLOVE

(57) Abstract :

The invention relates to a four-fingered cosmetic glove comprising a fiber pile fabric. Multiple work devices of a makeup artist for example can be replaced with the glove, whereby work can be done more effectively.

No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ESTER PRO DRUGS OF [3 (1 (1H IMIDAZOL 4 YL)ETHYL) 2 METHYLPHENYL] METHANOL FOR TREATING RETINAL DISEASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K31/4174,A61P27/06 :61/383370 :16/09/2010 :U.S.A. :PCT/US2011/051926 :16/09/2011 :WO 2012/037453	<ol> <li>1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92886 U.S.A.</li> <li>(72)Name of Inventor :         <ol> <li>1)DIBAS Mohammed I.</li> <li>2)GIL Daniel W.</li> </ol> </li> </ol>
<ul> <li>(61) Patent of Addition to Application Number</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA	2)GHD Damer W. 3)CHOW Ken 4)WANG Liming 5)GARST Michael E. 6)DONELLO John E.

(57) Abstract :

The present invention relates to method of treating retinal diseases in a subject in need of such treatment which comprises administering a therapeutically effective amount of a composition comprising a ester pro drugs of [3 (1 (1H imidazol 4 yl)ethyl) 2 methylphenyl] methanol processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals.

No. of Pages : 39 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : THERMAL FOGGING DEVICE USING A LIQUID AND RELATED METHOD

(51) International classification	:A23B7/144,B05B7/16	(71)Name of Applicant :
(31) Priority Document No	:10 57624	1)XEDA INTERNATIONAL
(32) Priority Date	:22/09/2010	Address of Applicant : Zone Artisanale la Crau Route
(33) Name of priority country	:France	Nationale 7 F 13670 Saint Andiol France
(86) International Application No	:PCT/FR2011/052097	(72)Name of Inventor :
Filing Date	:14/09/2011	1)SARDO Stfano
(87) International Publication No	:WO 2012/038640	2)SARDO Alberto
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The thermal fogging device using a liquid, comprises: - an assembly (3) for producing a pressurised hot gas flow; - an ejection pipe (5); - a first liquid source (7); - the means (9) for injecting into the ejection pipe (5) a metered liquid flow from the first liquid source (7), characterised in that the means (9) for injecting the metered liquid flow comprises a Venturi device (V) having an area (R), the cross-section of which is narrowed so as to enable the suction of the metered liquid flow.

No. of Pages : 20 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CRYSTALLINE NALOXOL PEG CONJUGATE

#### (57) Abstract :

Naloxol polyethlyene glycol conjugates of the formula: are provided in oxalate or phosphate salt forms including crystalline forms. Methods of preparing the salt forms and pharmaceutical compositions comprising the salt forms are also provided.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD OF STORING PRODUCE AND PRODUCING A BEVERAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication No</li> </ul>	:01/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)SPIERS Adrian <ul> <li>Address of Applicant :2 Ngahere Park RD 4 Turitea</li> </ul> </li> <li>Palmerston North New Zealand <ul> <li>(72)Name of Inventor :</li> <li>1)SPIERS Adrian</li> </ul> </li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

A packaged beverage comprising a releasably sealed container containing harvested produce immersed in an aqueous storage solution where the container comprises a first releasable seal and a second releasable seal configured to permit the egress of the storage solution without the harvested produce when the first releasable seal is released and egress of the harvested produce when the second releasable seal is released. Also a method of storing harvested produce comprising the step of immersing the harvested produce in moderately hypotonic to substantially isotonic aqueous storage solution contained in a releasably sealed container to establish a neutral water potential.

No. of Pages : 63 No. of Claims : 24

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : BARE METAL STENT WITH DRUG ELUTING RESERVOIRS HAVING IMPROVED DRUG RETENTION

(51) International classification	:A61F2/90	(71)Name of Applicant :
(31) Priority Document No	:12/915166	1)CORDIS CORPORATION
(32) Priority Date	:29/10/2010	Address of Applicant :430 Route 22 Bridgewater NJ 08807
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/054869	(72)Name of Inventor :
Filing Date	:05/10/2011	1)CALDARISE Salvatore G.
(87) International Publication No	:WO 2012/057976	2)EVENS Carl J.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Implantable medical devices may be utilized to locally delivery one or more drugs or therapeutic agents to treat a wide variety of conditions including the treatment of the biological organism s reaction to the introduction of the implantable medical device. These therapeutic agents may be released under controlled and directional conditions from a stent (100) having reservoirs (106) so that the one or more therapeutic agents reach the correct target area for example the surrounding tissue. Features may be incorporated into the walls and bases of these reservoirs to improve securement of the drug construct.

No. of Pages : 33 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B66F7/14	(71)Name of Applicant :
(31) Priority Document No	:61/389970	1)WHITING CORPORATION
(32) Priority Date	:05/10/2010	Address of Applicant :26000 Whiting Way Monee IL 60449
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/054557	(72)Name of Inventor :
Filing Date	:03/10/2011	1)HORWATH William Allen
(87) International Publication No	:WO 2012/047787	2)FAIRBAIRN Thomas John
(61) Patent of Addition to Application	:NA	3)SLOTA Edwin D.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : LIFTING BRACKET ASSEMBLY INCLUDING JACK SCREW CONNECTOR

(57) Abstract :

A lifting bracket assembly is disclosed. The lifting bracket assembly includes a motor (504) a pair of gear heads (506) mechanically coupled to the motor such that each of the gear heads is coupled to a jack screw connector (100) a first and second jack screw (400) wherein each of the jack screws is coupled to one of the jack screw connectors and one of the gear heads a first lifting bracket (508) rotatably coupled to the first jack screw a second lifting bracket rotatably coupled to the second jack screw wherein the first and second jacks screws are different a first guide tube (512) fixedly coupled at a first end to the first lifting bracket and coupled to a second rail beam at a second end.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SWITCHING DEVICE AND ACCESSORY ON THE CONNECTING SIDE

(51) International classification	:H01H71/02,H01H71/08,H01H9/02	(71)Name of Applicant : 1)EATON ELECTRICAL IP GMBH & CO. KG
(31) Priority Document No	:20 2010 012 329.1	Address of Applicant : Airport Center Schnefeld Mittelstrasse
(32) Priority Date	:08/09/2010	5 5a 12529 Schnefeld Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/064910 :30/08/2011	1)GERVING Karsten
(87) International Publication No	:WO 2012/031946	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present document describes a switching device with a switching device housing, having on its terminal side first guide and retaining recesses as well as at least one first snap cam with a first locking surface facing away from the front side. A protective cover configured as an accessory, with two lateral protective walls and one front-side protective wall joining them, is equipped, on its front face facing the switching device, with a first locking hook having a second locking surface facing the front-side protective wall, which can be joined to the first snap cam. A cable clamp block is equipped, on its back wall facing toward the switching device, with second guide and retaining mouldings matching the first guide and retaining mouldings as well as with at least one elastically installed third locking hook having a third locking surface facing the front side, which can be joined to the first snap cam. The cable clamp block is equipped on its front wall facing away from the switching device with at least one second snap cam corresponding in position and shape to the first snap cam, which can be joined to the first snap cam, which can be joined to the first snap cam, which can be joined to the first snap cam.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD FOR PRODUCING CRUDE TALL OIL BY SOAP WASHING WITH CALCIUM CARBONATE REMOVAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C11B13/00,C11B13/02 :61/381603 :10/09/2010 :U.S.A. :PCT/US2011/051137 :10/09/2011 :WO 2012/034112 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARIZONA CHEMICAL COMPANY LLC Address of Applicant :4600 Touchton Road East Suite 1200 Jacksonville Florida 32246 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BOWLES Robert E.</li> <li>2)FORAN Douglas C.</li> <li>3)GRIFFIN Joseph H.</li> <li>4)SWANN Edwin F.</li> </ul>
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#### (57) Abstract :

A method for producing crude tall oil from black liquor soap while removing calcium carbonate and lignates is disclosed. Black liquor soap is first combined with an alkaline wash medium having a lower concentration of lignates and inorganic solids than the black liquor soap. The resulting mixture comprises washed tall oil soap fortified brine lignates and calcium carbonate. The washed tall oil soap is then separated from the fortified brine lignates and calcium carbonate preferably by

centrifugation decantation filtration settling or a combination of these techniques. Acidification of the washed tall oil soap gives crude tall oil and a spent acid mixture. The crude tall oil is separated from the spent acid. The spent acid is made alkaline and at least a portion of it is returned for use as alkaline wash medium. The method enables soap washing in a crude tall oil production process while avoiding process upsets caused by accumulation of calcium sulfate in or downstream from acidulation units.

No. of Pages : 44 No. of Claims : 18

(22) Date of filing of Application :05/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : AGENT FOR TREATMENT OF DRY EYE CHARACTERIZED BY COMBINING P2Y2 RECEPTOR AGONIST WITH HYALURONIC ACID OR SALT THEREOF METHOD FOR TREATING DRY EYE AND USE OF THE P2Y2 RECEPTOR AGONIST AND HYALURONIC ACID OR SALT THEREOF

(51) International classification	:A61K45/00,A61K31/675,A61K31/728	(71)Name of Applicant : 1)SANTEN PHARMACEUTICAL CO. LTD.
(31) Priority Document No	:2010203198	Address of Applicant :9 19 Shimoshinjo 3 chome Higashiyodogawa ku Osaka shi Osaka 5338651 Japan
(32) Priority Date	:10/09/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)SHICHIJO Yuko 2)DOTA Atsuyoshi
(86) International Application No Filing Date	:PCT/JP2011/070578 :09/09/2011	3)NAGANO Takashi 4)NAKAMURA Masatsugu 5)SAKAMOTO Asuka
(87) International Publication No	:WO 2012/033189	
(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 agent for the treatment of dry eye which is characterized by combining a P2Y receptor agonist at a therapeutically effective concentration with hyaluronic acid or a salt thereof at a therapeutically effective concentration. This agent for the treatment of dry eye which is in the form of an ophthalmic agent remarkably promotes tear secretion and remarkably improves corneal epithelial disorder and is thus expected to be a novel agent for the treatment of dry eye.

No. of Pages : 67 No. of Claims : 24

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD OF HANDLING LIQUID TO PREVENT MACHINE CONTAMINATION DURING FILLING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B65B1/04,B65B1/02,B65B3/04 :61/382138 :13/09/2010 :U.S.A. p:PCT/US2011/051284	<ul> <li>(71)Name of Applicant :</li> <li>1)AMCOR LIMITED Address of Applicant :109 Burwood Road Hawthorn Victoria</li> <li>3122 Australia</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No.	:13/09/2011 ) :WO 2012/037051	1)MAKI Kirk Edward 2)LISCH George David
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A mold device for injecting a fluid into a container where the mold device comprises a first mold portion having a first mating surface and a second mold portion having a second mating surface. The second mating surface is shaped complementary to the first mating surface. A mold cavity is disposed within the first mold portion and the second mold portion. The mold device further comprises an interlocking mating surface system disposed between or made a part of the first mold portion and second mold portion to define a fluid seal therebetween and align the first mold portion to the second mold portion in at least a first direction.

No. of Pages : 19 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONNECTOR ASSEMBLY FOR CORRUGATED COAXIAL CABLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01R103/00,H01R24/36 :61/391290 :08/10/2010 :U.S.A. :PCT/US2011/055429 :07/10/2011 :WO 2012/048260 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHN MEZZALINGUA ASSOCIATES INC. Address of Applicant :Legal Department 6176 East Molloy Road East Syracuse New York 13057 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WILD Werner</li> <li>2)MONTENA Noah</li> <li>3)AMIDON Jeremy</li> <li>4)CHAWGO Shawn</li> <li>5)NATOLI Christopher</li> <li>6)REFLE Gerhard</li> <li>7)STRASSER Bernhard</li> <li>8)NUGENT Adam</li> </ul>
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(57) Abstract :

A compression connector for connecting to a coaxial cable is provided. The compression connector is provided in a first state for fitting onto an end of the cable after which it may be compressed to a second state thereby joining the connector to the cable to make a coaxial cable assembly. The connector is comprised of a tubular connector body and a compression cap structured to slidably engage the second end of the tubular body. The connector is further internally configured with means for collapsing the first exposed corrugation of the outer conductor of the coaxial cable in the axial direction when the compression cap is compressed onto the tubular connector body.

No. of Pages : 85 No. of Claims : 30

### (22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CURABLE COMPOSITIONS AND METHODS OF CATALYZING CHEMICAL REACTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/US2011/055406 :07/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio</li> <li>44111 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZALICH Michael A.</li> <li>2)BOWMAN Mark P.</li> <li>3)MARTZ Johnathan T.</li> <li>4)THOMAS Stephen J.</li> <li>5)MCCOLLUM Gregory J.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

Methods of catalyzing chemical reactions are provided. A tri substituted phosphine having at least one substituent that is an alkyl group is added as a catalyst to reaction mixtures. Reaction mixtures contain uretdiones anhydrides or isocyanate functional materials including isocyanurates in various combinations with hydroxyl thiol and/or amine functional materials. Curable compositions comprising these catalysts and reaction mixtures are also provided.

No. of Pages : 20 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : ORGANIC LIGHT EMITTING DIODE DEVICES		
(51) International classification	:H01L51/52,G02B6/122	(71)Name of Applicant :
(31) Priority Document No	:1015417.7	1)LOMOX LIMITED
(32) Priority Date	:15/09/2010	Address of Applicant :GTI Incubation Centre Suite Ty Mentor
(33) Name of priority country	:U.K.	Navigation Park Abercynon Mid Glamorgan CF45 4SN U.K.
(86) International Application No	:PCT/EP2011/065971	(72)Name of Inventor :
Filing Date	:14/09/2011	1)KOCH Gene Carl
(87) International Publication No	:WO 2012/035083	2)COPNER Nigel
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non coherent light emitting device comprising at least one organic light emitting or organic charge transporting layer and a structure providing a Bragg grating associated with the light emitting layer is described. The organic light emitting layer comprising liquid crystalline material is treated to provide alternating zones of isotropic and liquid crystalline material. The combination of alternating zones with the dichroic effects of the aligned zone produces a pseudo 2 D Bragg grating within the light emitting layer.

No. of Pages : 26 No. of Claims : 33

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CURCUMINOID SOLID DISPERSION FORMULATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A23L1/015,A23L1/29,A23L1/30 :61/393206 :14/10/2010 :U.S.A. :PCT/EP2011/067901 :13/10/2011 :WO 2012/049253 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>ABBOTT GMBH &amp; CO. KG</li> <li>Address of Applicant :Max Planck Ring 2 65205 Wiesbaden</li> </ol> </li> <li>Germany <ol> <li>ABBOTT LABORATORIES</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BREITENBACH Jrg</li> <li>KESSLER Thomas K.</li> </ol> </li> <li>SCHNEIDER Katrin <ol> <li>DAS Tapas</li> <li>SATHYA Shreeram</li> <li>CHUAH Ai mey</li> </ol> </li> <li>PATEL Gaurav C.</li> </ul>
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(57) Abstract :

(19) INDIA

A curcuminoid formulation comprising a melt processed solid dispersion product comprising one or more curcuminoids a nutritionally acceptable thermoplastic polymer and a phosphatide; providing an improved oral bioavailability compared to non formulated crystalline curcuminoid. A method for producing said formulation. A nutritional product fortified with said formulation. Said formulation for use in the treatment or prophylaxis of cancer conditions involving an inflammatory reaction neurological disorders cardiovascular disease pulmonary disease the formation of cholesterol gallstones and parasitic infestation.

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

(22) Date of filing of Application :08/04/2013

#### (43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR SEPARATING CARBON DIOXIDE FROM FLUE GAS USING SWEEP BASED MEMBRANE SEPARATION AND ABSORPTION STEPS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B01D53/22,C01B31/20,F23J15/00 :NA :NA :NA :PCT/US2010/002481 :13/09/2010 :WO 2012/036652 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEMBRANE TECHNOLOGY AND RESEARCH INC Address of Applicant :1360 Willow Road Suite 103 Menlo Park California 94025 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WIJMANS Johannes G.</li> <li>2)BAKER Richard W.</li> <li>3)MERKEL Timothy C.</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A gas separation process for treating flue gases (117) from combustion processes (112) and combustion processes including such gas separation. The invention involves routing a first portion (106) of the flue gas stream to be treated to an absorption based carbon dioxide capture step (113) while simultaneously flowing a second portion (103) of the flue gas across the feed side of a membrane (118) flowing a sweep gas stream (101) usually air across the permeate side then passing the permeate/sweep gas to the combustor (112).

No. of Pages : 42 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : STEREOSELECTIVE SYNTHESIS OF BRIDGED METALLOCENE COMPLEXES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C07F17/00 :12/899735 :07/10/2010 :U.S.A. :PCT/US2011/055070 :06/10/2011 :WO 2012/048091 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant :10001 Six Pines Drive The Woodlands Texas 77380 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BUCK Richard M</li> <li>2)YANG Qing</li> </ul>
(87) International Publication No	:WO 2012/048091	2)YANG Qing
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ansarac:mesoansaThe present invention provides methods of making stereo enriched metallocene compounds using an unchelated amine compound. Generally these methods result in a isomer selectivity of the stereo enriched metallocene compound of greater than 4: 1. The present invention also provides new racemic ansa metallocenes.

No. of Pages : 43 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS AND APPARATUS FOR INSERTING A DEVICE OR PHARMACEUTICAL INTO A BODY CAVITY

(51) International classification	:A61F6/18	(71)Name of Applicant :
(31) Priority Document No	:61/394120	1)BIOCEPTIVE INC.
(32) Priority Date	:18/10/2010	Address of Applicant :1441 Canal Street Suite 228 New
(33) Name of priority country	:U.S.A.	Orleans Louisiana 70130 U.S.A.
(86) International Application No	:PCT/US2011/056688	(72)Name of Inventor :
Filing Date	:18/10/2011	1)CAPPIELLO Benjamin
(87) International Publication No	:WO 2012/054466	2)KHURANA Shuchi Priye
(61) Patent of Addition to Application	:NA	3)KEMPER Clarence B. III
Number		4)WOHLFEIL Krista A.
Filing Date	:NA	5)TASTANOVA Bota A.
(62) Divisional to Application Number	:NA	6)GABRIEL Mark J.
Filing Date	:NA	7)DOLESE Catharine Z.

#### (57) Abstract :

In some embodiments an implant delivery device can include a housing defining a housing passageway. A distal end of the housing can flexibly couple to a head that can define a head passageway. Collectively the housing passageway and the head passageway can define an insertion passageway such that at least a portion of the insertion passageway is nonlinear. The implant delivery device can include at least one insertion member having a distal end configured to be removably coupled to an implant. The insertion member can be disposed within the housing such that at least a portion of a proximal end of the insertion member is housed within the housing. The insertion member can be configured to bend pivot and/or rotate and move within a portion of the insertion passageway to convey the implant to a target tissue.

No. of Pages : 74 No. of Claims : 40

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

#### (43) Publication Date : 14/11/2014

(51) International classification	:B64C1/10,B64C1/20	(71)Name of Applicant :	
(31) Priority Document No	:A 1738/2010	1)FACC AG	
(32) Priority Date	:19/10/2010	Address of Applicant : Fischerstrasse 9 A 4910 Ried im	
(33) Name of priority country	:Austria	Innkreis Austria	
(86) International Application No	:PCT/AT2011/000426	(72)Name of Inventor :	
Filing Date	:13/10/2011	1)PAMMINGER Erich	
(87) International Publication No	:WO 2012/051634	2)KAMMERER Bernhard	
(61) Patent of Addition to Application	:NA		
Number	:NA :NA		
Filing Date	.111		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		
		1	

#### (54) Title of the invention : DECOMPRESSION UNIT

#### (57) Abstract :

The invention relates to a decompression unit (1) for useUria decompression opening (2) of a wall element (3) of an aircraft, having a panel (5) which can be mounted via a frame (4) in or over the decompression opening (2), which panel (5) can be moved out of the frame (4) at a predetermined differential pressure Ap in order to open the decompression opening (2). In order to form a decompression unit (1) of as simple a design as possible and with an optimum response behaviour, provision is made for the panel (5) to be formed by at least one hardened prepreg layer (6) with at least one separating joint (7) which is filled with cured resin as a predetermined breaking point, which separating joint (7) breaks when the predetermined differential pressure (Ap) is exceeded.

No. of Pages : 14 No. of Claims : 10

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GAS SEPARATION PROCESS USING MEMBRANES WITH PERMEATE SWEEP TO REMOVE CO2 FROM GASEOUS FUEL COMBUSTION EXHAUST

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> </ul>	:PCT/US2010/002480 :13/09/2010 :WO 2012/036651	<ul> <li>(71)Name of Applicant :</li> <li>1)MEMBRANE TECHNOLOGY AND RESEARCH INC. Address of Applicant :1360 Willow Road Suite 103 Menlo Park California 94025 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WIJMANS Johannes G.</li> <li>2)MERKEL Timothy C.</li> <li>3)BAKER Richard W.</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A gas separation process for treating exhaust gases (105) from the combustion (112) of gaseous fuels (102) and gaseous fuel combustion processes including such gas separation. The invention involves routing a first portion (107) of the exhaust stream to a carbon dioxide capture step while simultaneously flowing a second portion (108) of the exhaust gas stream across the feed side of a membrane flowing a sweep gas stream (101) usually air across the permeate side then passing the permeate/sweep gas back to the combustor (112).

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

(22) Date of filing of Application :08/04/2013

#### (43) Publication Date : 14/11/2014

## (54) Title of the invention : WATER BASED COATING SYSTEM WITH IMPROVED ADHESION TO A WIDE RANGE OF COATED AND UNCOATED SUBSTRATES INCLUDING MUFFLER GRADE STAINLESS STEEL

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:U.S.A. :PCT/US2011/057027 :20/10/2011 :WO 2012/054691 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>VALSPAR SOURCING INC.</li> <li>Address of Applicant :P.O. Box 1461 Minneapolis Minnesota</li> </ol> </li> <li>55440 U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>Zhang Feng</li> <li>BEAUDRY Channing</li> <li>BOESPFLUG Donald</li> <li>WETZEL Wylie</li> <li>BLATTER Walter</li> <li>KILLILEA T. Howard</li> </ol> </li> </ul>
Number	:NA :NA	

#### (57) Abstract :

The present invention provides a water based coating system that can be used to form a durable abrasion resistant tough protective coating on a wide range of substrates. The coating system advantageously has excellent adhesion properties and can be directly coated onto stainless steel surfaces without requiring an intervening primer layer. Primer layers or other types of coatings can be used in combination with the coating system of the present invention if desired however. The coating system is particularly effective for protecting metal containing substrates such as intermodal refrigerated cargo containers. The resultant coatings are flexible and impact resistant. Being water based the coating compositions have lower VOC emissions and less residual odor than solvent based compositions.

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

(22) Date of filing of Application :03/04/2013

(54) Title of the invention : STEEL FOR WHEEL

(43) Publication Date : 14/11/2014

(51) International classification	:C22C38/00,C22C38/38	(71)Name of Applicant :
(31) Priority Document No	:2010257440	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:18/11/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2011/076695	Tokyo 1008071 Japan
Filing Date	:18/11/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/067237	1)YAMAMOTO Yuichiro
(61) Patent of Addition to Application	:NA	2)TAKESHITA Yukiteru
Number	:NA :NA	3)KATO Takanori
Filing Date	.1NA	4)KIRIYAMA Kentaro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

There is provided steel for wheel having a chemical composition consisting of, by mass percent, C: 0.65 to 0.84%, Si: 0.02 to 1.00%, Mn: 0.50 to 1.90%, Cr 0.02 to 0.50%, V: 0.02 to 0.20%, and S: 0.04% or less, in which  $34 \ 2.7 + 29.5 \ xC + 2.9 \ xSi + 6.9 \ xMn + 10.8 \ xCr + 30.3 \ xMo + 44.3 \ xV \ \pounds 43$ , and 0.76 x exp (0.05 x C) x exp (1.35 x Si) x exp (0.38 x Mn) x exp (0.77 x Cr) x exp (3.0 x Mo) x exp (4.6 x V) S 25, the balance being Fe and impurities, and the impurities containing P: 0.05% or less, Cu: 0.20% or less, and Ni: 0.20% or less. This steel for wheel is excellent in balance between the wear resistance, rolling contact fatigue resistance and the spoiling resistance, and can give a long life to the wheel.

No. of Pages : 44 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MOLDED MEMBER AND MANUFACTURING METHOD THEREOF

(60) International Application:PCT/JP2011/071209 :16/09/2011:PCT/JP2011/071209 :16/09/2011No:16/09/2011:INA(87) International Publication No:WO 2012/036262(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber Number:NANumber<	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:PCT/JP2011/071209 :16/09/2011 :WO 2012/036262 :NA :NA :NA	2)NAKAZAWA Yoshiaki 3)TASAKA Masahito 4)SUZUKI Toshiya 5)NAKATA Masahiro 6)FUJIMOTO Hiroki
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(57) Abstract :

A formed member is provided which can be manufactured at a low cost, which has excellent dimensional accuracy, which has excellent axial crushing properties and three-point bending properties, which has excellent bending stiffness and torsional stiffness, and which is suitable for use in a component of an automobile. The formed member (20) has a reinforcing member (35) which is joined by a weld (40)- - ...,.. provided on a ridge portion (28). It is manufactured by joining a flat sheet blank and a flat sheet reinforcing member (35) by a weld (40) and performing bending so that the weld (40) becomes a ridge portion (28).

No. of Pages : 47 No. of Claims : 11

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : THE USE OF LISTERIA VACCINE VECTORS TO REVERSE VACCINE UNRESPONSIVENESS IN PARASITICALLY INFECTED INDIVIDUALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K39/02 :61/388822 :01/10/2010 :U.S.A. :PCT/US2011/054613 :03/10/2011 :WO 2012/138377	<ul> <li>(71)Name of Applicant :</li> <li>1)TRUSTEES OF THE UNIVERSITY OF</li> <li>PENNSYLVANIA <ul> <li>Address of Applicant :3160 Chestnut Street Suite 200</li> </ul> </li> <li>Philadelphia PA 19104 U.S.A.</li> <li>2)UNIVERSITY OF GEORGIA RESEARCH</li> <li>FOUNDATION INC.</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA :NA	(72)Name of Inventor : 1)HARN Donald A. Jr. 2)PATERSON Yvonne 3)McEWAN Lisa

(57) Abstract :

This invention relates to methods of using a vaccine vector to induce a Th1 immune response in subjects having persistent Th2 immune response profiles.

No. of Pages : 74 No. of Claims : 22

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : BIOMARKERS ASSOCIATED WITH PRE DIABETES DIABETES AND DIABETES RELATED CONDITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:C01N35/68,A61P15/12,C12Q1/25 :2010904249 :21/09/2010 :Australia :PCT/AU2011/001212 :20/09/2011 :WO 2012/037603 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PROTEOMICS INTERNATIONAL PTY LTD Address of Applicant :PO Box 3008 Broadway Nedlands</li> <li>Crawley Western Australia 6009 Australia</li> <li>2)THE UNIVERSITY OF WESTERN AUSTRALIA</li> <li>(72)Name of Inventor :</li> <li>1)STOLL Thomas</li> <li>2)BRINGANS Scott</li> <li>3)WINFIELD Kaye</li> <li>4)CASEY Tammy</li> <li>5)DAVIS Wendy</li> <li>6)PETERS Kirsten</li> <li>7)DAVIS Timothy</li> <li>8)LIPSCOMBE Richard</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

The invention provides biomarkers for pre Diabetes Diabetes and/or a Diabetes related conditions and methods of their use including the biomarkers in Tables 1 and 2 such as peroxiredoxin 2 complement C1q subcomponent subunit B sulfhydryl oxidase 1 and apolipoprotein A IV.

No. of Pages : 65 No. of Claims : 42

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : TUBE LIKE	CONTAINER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B65D35/10 :10 2010 037 682.5 :21/09/2010 :Germany :PCT/EP2011/065707 :12/09/2011 :WO 2012/038276 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUHTAMAKI FLEXIBLE PACKAGING GERMANY,</li> <li>ZWEIGNIEDERLASSUNG DER HUHTAMAKI FLEXIBLE</li> <li>PACKAGING GERMANY GMBH &amp; CO. KG</li> <li>Address of Applicant :Heinrich Nicolaus Strae 6 87671</li> <li>Ronsberg/Allgu Germany</li> <li>(72)Name of Inventor :</li> <li>1)MIROSLAV Ivanov Hinkov</li> </ul>

(57) Abstract :

Tube like container (10) having a tubular central part (12) arranged between a bottom end and a cover (11) wherein the cover (11) has a shoulder like design in the region of the connection to the central part (12) wherein the cover (11) like the central part (12) consists of a sealable laminate (20 21) comprising a barrier layer (24) and wherein the cover (11) consisting of a disc shaped laminate part is integrally formed into or onto the corresponding end of the tubular central part (12) and is sealed therewith.

No. of Pages : 22 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12/18	(71)Name of Applicant :
(31) Priority Document No	:12/910762	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:22/10/2010	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/IB2011/054647	1)SHAH Kunal R.
Filing Date	:18/10/2011	2)NANDA Avoy
(87) International Publication No	:WO 2012/052932	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MECHANISM FOR TRACKING HOST PARTICIPATION IN MULTICAST GROUPS

#### (57) Abstract :

A method performed in a network element coupled between a subscriber end station and a multicast source for tracking a history of IGMP report messages. The network element receives and IGMP report message from the subscriber end station and determines a multicast group address and multicast source IP address corresponding to a multicast group to which the network element is a member. The network element builds an IGMP report history record indicating the subscriber end station s identity and comprises the multicast group address the multicast source IP address and a time stamp corresponding to the date and time at which the network element received the IGMP report message. This record is then stored in an IGMP report history database along with a plurality of other IGMP report history records so that the network element can maintain a history of IGMP report messages received from the subscriber end station.

No. of Pages : 34 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD FOR OPERATING A METAL DETECTION SYSTEM AND METAL DETECTION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01V3/10 :10186895.8 :07/10/2010 :EPO :PCT/EP2011/066395 :21/09/2011 :WO 2012/045578 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)METTLER TOLEDO SAFELINE LIMITED Address of Applicant :Montford Street Salford Manchester Greater Manchester M50 2XD U.K.</li> <li>(72)Name of Inventor :</li> <li>1)DERUNGS Max</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The method serves for operating a metal detection System that comprises a balanced coil System (2) with a transmitter coil (21) that is connected to a transmitter unit (1) which provides transmitter Signals (s1) having a selectable transmitter frequency (f TX) and with a first and a second receiver coil (22 23) that provide Output Signals (s22 s23) to a receiver unit (3) which compensate one another in the event that the metal detection System is in balance and in the event that a product (P) is present in the balanced coil System (2) provide an Output Signal that is forwarded to a Signal processing unit which suppresses at least the components of the product Signal and delivers the Signal components caused by metal contaminant contained in the product (P).

No. of Pages : 39 No. of Claims : 17

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : USE OF HUMIDITY STABLE YELLOW FLUORESCENT PIGMENTS IN SECURITY APPLICATIONS

	n:B41M3/14,B41M5/36,B42D15/00	
(31) Priority Document No	:61/392794	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:13/10/2010	Address of Applicant :Patent Services M/S AB/2B 101
(33) Name of priority country	:U.S.A.	Columbia Road P. O. Box 2245 Morristown New Jersey 07962
(86) International Application	:PCT/US2011/055665	2245 U.S.A.
No	:11/10/2011	(72)Name of Inventor :
Filing Date	.11/10/2011	1)POTRAWA Thomas R.
(87) International Publication	:WO 2012/051129	2)KESSLER Michael
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1111	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.inA	

(57) Abstract :

Yellow and yellow green fluorescent compounds are provided herein that can be incorporated into carriers (e.g. inks) and applied (e.g. printed) as security features on substrates (e.g. documents). The compounds can be selected based upon their resistance to humidity and preferably exhibit a high initial fluorescence intensity and a relatively high fluorescence intensity as well as a low relative intensity loss after prolonged humidity exposure.

No. of Pages : 17 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FORMATION SENSING AND EVALUATION DRILL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> </ul>	:PCT/US2011/053622 :28/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KUMAR Sunil</li> <li>2)JOHN Hendrik</li> </ul>
No	:WO 2012/047693	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates methods and apparatuses for testing and sampling of underground formations or reservoirs. The apparatus may include at least one extendable element configured to penetrate a formation. The at least one extendable element may include at least one drill bit with a nozzle configured to receive formation fluids. The at least one extendable element may include at least one sensor disposed on the at least one extendable element. The at least one extendable element may also include a source of stimulus for stimulating the formation. The at least one extendable element may be configured to detach and/or attach from/to a bottom hole assembly (BHA). One method may include steps for performing testing on the formation for estimating a parameter of interest of the formation. Another method may include steps for performing testing to estimate a parameter of interest of the formation.

No. of Pages : 30 No. of Claims : 24

(19) INDIA(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ABSORBENT ARTICLE WITH PHILIC ANHYDROUS LOTION

(51) International classification	A61K8/27,A61K8/92,A61Q19/00	(71)Name of Applicant :
(31) Priority Document No	:61/391353	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:08/10/2010	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application	:PCT/US2011/054907	(72)Name of Inventor : 1)PAN Robert Ya lin
Filing Date	:05/10/2011	2)EBERT Debora Christine
(87) International Publication	:WO 2012/047986	3)ELLINGSON Peter Christopher 4)WARREN Raphael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A lotion composition is provided. The lotion composition can comprise a) about 0.1% to about 90% by weight of a microcrystalline wax; b) about 0.1% to about 25% by weight of POE 4 monolaurate; c) about 0.1% to about 50% by weight of POE 8 monostearate; and d) a carrier.

No. of Pages : 35 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PRESSURE SENSITIVE ADHESIVE TAPES FOR GLUING WINDOWS IN PARTICULAR IN MOBILE DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C09J7/02 :10 2010 043 881.2 :12/11/2010 :Germany :PCT/EP2011/068830 :27/10/2011 :WO 2012/062589 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>TESA SE</li> <li>Address of Applicant :Quickbornstrae 24 20253 Hamburg</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>HUSEMANN Marc</li> <li>ELLRINGMANN Kai</li> <li>KUPSKY Marco</li> <li>MEYER Claus</li> </ol> </li> </ul>
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#### (57) Abstract :

The invention relates to a double sided adhesive tape comprising a carrier layer and two exterior pressure sensitive adhesive compound layers wherein at least one of the pressure sensitive adhesive compounds is the crosslinking product composed of a polymer compound which comprises at least the following components: A) a polymer component (component A) comprising 88 to 100 wt % of one or more polyacrylates (component A1) composed of at least: a) 1 to 15 wt % relative to component A1 of one or more monomers having at least one ethylenically unsaturated bond each being selected such that the glass transition temperatures T of the corresponding homopolymers composed of the respective monomers are at least  $0^{\circ}C$  (monomers a) wherein at least some of the monomers (a) still comprise at least one carboxylic acid (monomers a1) b) 85 to 99 wt % relative to component A1 of one or more monomers from the group of acrylic acid esters and methacrylic acid esters each being selected such that the glass transition temperatures T of the corresponding homopolymers composed of the respective monomers are not higher than 30°C (monomers b) B) at least one covalently cross linking bifunctional or polyfunctional crosslinking agent (component B) wherein components A and B in total amount to at least 95 wt % of the polymer compound and wherein the at least one crosslinking agent is added in a quantity such that the quantity ratio V = n/n of the substance quantity n of the crosslinking active centers of the crosslinking agent to the theoretical substance quantity n of the macromolecule of polymer component A1 has a value between 0.15 and 0.60 wherein the substance quantity nof the crosslinking active centers of the crosslinking agent is obtained from the mass m of the crosslinking agent multiplied by the number f of crosslinking active centers per crosslinking agent molecule divided by the molecular weight M of the crosslinking agent that is n = f.m/M and the theoretical substance quantity n of the macromolecule of polymer component A1 is obtained from the mass m of the polymer component in the pressure sensitive adhesive compound divided by the average molecular weight M of said component that is n = m/M.

No. of Pages : 38 No. of Claims : 14

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : STAGED INFANT FEEDING REGIMEN TO PROMOTE HEALTHY DEVELOPMENT AND GROWTH

· · /	n:A23L1/29,A23L1/303,A23L1/305	
(31) Priority Document No	:12/956639	1)MEAD JOHNSON NUTRITION COMPANY
(32) Priority Date	:30/11/2010	Address of Applicant :2400 W. Lloyd Expressway Evansville
(33) Name of priority country	:U.S.A.	Indiana 47721 0001 U.S.A.
(86) International Application	:PCT/US2011/061880	(72)Name of Inventor :
No		1)WALSH Kelly R.
Filing Date	:22/11/2011	2)SIMS Kevin Å.
(87) International Publication	:WO 2012/074844	3)SCHADE Deborah
No		4)WALKER Donald Carey
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1.12.1	

(57) Abstract :

A feeding regimen for an infant which includes (a) feeding to a newborn infant a first composition including a fat or lipid; a protein source wherein the protein source has from about 72% to about 90% whey and from about 10% to about 28% casein; a prebiotic composition; and at least about 72 IU/100 kcal of vitamin D and (b) feeding to a later stage infant a second composition which includes a fat or lipid; a protein source wherein the protein source has from about 50% to about 70% whey and from about 30% to about 50% casein; a prebiotic composition; and no greater than 70 IU/100 kcal of vitamin D.

No. of Pages : 26 No. of Claims : 24

(21) Application No.3028/DELNP/2013 A

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR PRODUCTION OF REDUCED IRON

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:Japan :PCT/JP2011/072310 :29/09/2011 :WO 2012/049974 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan <ul> <li>(72)Name of Inventor : <ul> <li>1)UESUGI Yukihiro</li> <li>2)TERAMOTO Naofumi</li> <li>3)KUWAUCHI Yuki</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

A manufacturing method of a reduced iron includes: a kneading process of adding a fluid at 60°C or higher and 90°C or lower to a mixture of an iron oxide material and a reducing agent, both of which are in a powder form, and kneading the mixture; a pelletization process of agglomerating the mixture after the kneading process into an agglomerated substance; and a reduction process of reducing the agglomerated substance after the pelletization process, to thereby produce the reduced iron.

No. of Pages : 29 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : APPARATUS FOR DETACHABLE ATTACHMENT OF AN ELECTRICAL CONDUCTOR TO A CURRENT TRANSFORMER HOUSING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:10 2010 038 040.7 :07/10/2010 :Germany :PCT/EP2011/067610	<ul> <li>(71)Name of Applicant :</li> <li>1)PHOENIX CONTACT GMBH &amp; CO. KG Address of Applicant :Flachsmarkstrasse 8 32825 Blomberg Germany</li> <li>(72)Name of Inventor :</li> <li>1)LELEER Christoph</li> </ul>
(86) International Application No	:PCT/EP2011/067610	(72)Name of Inventor :
Filing Date	:07/10/2011	1)LEIFER Christoph
(87) International Publication No	:WO 2012/045884	2)TH–RNER Carsten
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The subject matter of the invention is an apparatus for detachable attachment of an electrical conductor (1) to a current transformer housing (2) comprising the current transformer housing (2) a holding element (3) which is passed through the current transformer housing (2) and an attachment element (4) which passes through the holding element (3) with the attachment element (4) and/or the holding element (3) resting at least partially on the surface of the electrical conductor (1) when the electrical conductor (1) is attached to the apparatus the attachment element (4) being rotatable about its longitudinal axis for attaching or releasing the electrical conductor (1) and the holding element (3) being rotatable about its longitudinal axis such that in a first rotation position the holding element (3) can be moved translationary along its longitudinal axis for attaching or releasing the electrical conductor (1) and in a second rotation position the holding element (3) cannot be moved translationary along its longitudinal axis. Overall the apparatus according to the invention therefore allows an electrical conductor (1) to be attached to a current transformer housing (2) particularly easily and quickly.

No. of Pages : 19 No. of Claims : 10

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GAS TURBINE COMBUSTOR WITH MOUNTING FOR HELMHOLTZ RESONATORS

(51) International classification	:F02C7/24,F23R3/42,F01D25/00	(71)Name of Applicant :
(31) Priority Document No	:12/915234	1)SOLAR TURBINES INCORPORATED
(32) Priority Date	:29/10/2010	Address of Applicant :2200 Pacific Highway San Diego CA
(33) Name of priority country	:U.S.A.	92186 5376 U.S.A.
(86) International Application	:PCT/US2011/055664	(72)Name of Inventor :
No	:11/10/2011	1)CORR Robert
Filing Date	.11/10/2011	2)SYKES Peter
(87) International Publication No.	o:WO 2012/057994	3)STRUCK Bruno
(61) Patent of Addition to	:NA	4)THOMAS Kenneth G.
Application Number	:NA	5)BRAEUTIGAM Richard
Filing Date		6)GAUCE Danny
(62) Divisional to Application	:NA	7)KRICHEVER Alexander
Number	:NA	8)PHI Vu
Filing Date	.11A	9)CARON Timothy

(57) Abstract :

A combustor liner may include an annular inner liner (82 92) and an annular outer liner (84 94) with a plurality of air holes (83 85) thereon. The outer liner may be positioned circumferentially around the inner liner such that an annular cooling space (74 75) is defined between the inner and the outer liner. The combustor liner may also include at least one resonator (40) coupled to the outer liner such that a base (40a) of the resonator is separated from the outer liner to form a gap (62) with an external surface of the outer liner. The combustor liner may also include a throat (44) extending from the base of the resonator penetrating the inner liner and the outer liner. The combustor liner may also include a grommet assembly (76 78) that allows for relative thermal expansion between the inner liner and the outer liner proximate the throat.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR COATING A THREADED TUBULAR COMPONENT THREADED TUBULAR COMPONENT AND RESULTING CONNECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C10M107/32 :10/04399 :10/11/2010 :France :PCT/EP2011/005524 :02/11/2011 :WO 2012/062426 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VALLOUREC MANNESMANN OIL &amp; GAS FRANCE Address of Applicant :54 rue Anatole France F 59620 Aulnoye</li> <li>Aymeries France</li> <li>2)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>(72)Name of Inventor :</li> <li>1)GARD Eric</li> <li>2)PINEL Eliette</li> <li>3)PETIT Mikael</li> <li>4)GOUIDER Mohamed</li> </ul>
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#### (57) Abstract :

The invention concerns a threaded tubular component for drilling or working 5 hydrocarbon wells, said tubular component having at one of its ends (1; 2) a threaded zone (3; 4) produced on its outer or inner peripheral surface depending on whether the threaded end is male or female in type, in which at least a portion of the end (1; 2) is coated with at least one lubricating dry film (12) comprising at least 65% by weight of a polyaryletherketone. The invention also concerns a process for depositing said film (12).

No. of Pages : 39 No. of Claims : 22

#### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SEALING JAW FOR SEALING A PACKAGING MATERIAL USING ULTRASOUND`

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country :Germany</li> </ul>	Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72) <b>Name of Inventor :</b>
<ul> <li>(86) International Application</li> <li>PCT/EP2011/06754</li> <li>Solution</li> <li>S</li></ul>	1)IPPERS Juergen 2)WIEDUWILT Ulrich
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>Number</li> <li>Filing Date</li> </ul>	

(57) Abstract :

A sealing jaw for sealing a packaging material using ultrasound is provided. Said sealing jaw comprises energy directing means (28) which, for sealing purposes, can be brought in contact with an opposite surface (26) via the packaging material and which have a substantially gridshaped or rhomboidal sealing profile (36).

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

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : OIL FIELD	TREATMENT FLUIDS	
<ul> <li>(54) Title of the invention : OIL FIELD</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C09K8/035 :12/950756 :19/11/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :2929 Allen Parkway Suite 2100 Houston TX 77019 2118 U.S.A. </li> <li>(72)Name of Inventor : 1)GUPTA Satyanarayana D. V. 2)CHETTY Madhukar 3)CARMAN Paul Scott </li> </ul>

(57) Abstract :

The present disclosure is directed to a method comprising: mixing (i) a zwitterionic polymer prepared by inverse emulsion polymerization of at least one monomer A comprising a betaine group and optionally one or more nonionic monomers B (ii) a surfactant and (iii) produced water to form a well servicing fluid. The resulting well servicing fluid is introduced into a hydrocarbon well.

No. of Pages : 58 No. of Claims : 32

#### (19) INDIA

(22) Date of filing of Application :08/04/2013

#### (54) Title of the invention : ACTIVITY MONITORING AND POLYMERIZATION PROCESS CONTROL

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/EP2011/066559 :23/09/2011 :WO 2012/045597 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany</li> <li>(72)Name of Inventor :</li> <li>1)TRACHT Ursula</li> <li>2)LEIBERICH Ricarda</li> <li>3)BERGER Michael</li> <li>4)PAUL Hanns Ingolf</li> <li>5)WIESNER Udo</li> </ul>
Number	:NA	

(57) Abstract :

The present invention relates to a method to control a liquid feed stream carried out by measuring at least one spectrum of the liquid feed stream comprising an initiator or catalyst determining its activity using a predictive model on the basis of said spectrum and adjusting the feed streams and/or the preparation conditions of the feed stream comprising the initiators or catalysts in order to attain or maintain a desired level of total activity. In a further aspect the invention relates to a controlled process for the preparation of polymers in a polymerization reactor by contacting liquid feed streams comprising monomers and initiators or catalysts whereby the control of the feed streams entering the polymerization reactor and/ or the initiator or catalyst preparation is carried out by measuring at least one spectrum of the liquid feed stream comprising an initiator or catalyst determining its activity using a predictive model on the basis of said spectrum and adjusting the feed stream comprising an initiator or catalyst determining its activity using a predictive model on the basis of said spectrum and adjusting the feed stream comprising an initiator or catalyst determining its activity using a predictive model on the basis of said spectrum and adjusting the feed streams and/or the preparation conditions of the feed stream comprising the initiators or catalysts in order to attain or maintain a desired level of total activity within the polymerization reactor. More particularly the invention relates to a method for controlling the activity of aluminium containing initiators in a process for the co polymerisation of isolefins and multiolefins in particular isobutylene and isoprene. The present invention further to device and a chemical plant suitable to operate said process.

No. of Pages : 48 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PRODUCTION OF DISPERSIONS CONTAINING CARBON NANOTUBES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:C01B31/02 :10 2010 042 209.6 :08/10/2010 :Germany :PCT/EP2011/067289 :04/10/2011 :WO 2012/045727 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim am Rhein Germany</li> <li>(72)Name of Inventor :</li> <li>1)RUDHARDT Daniel</li> <li>2)EIDEN Stefanie</li> <li>3)STEIN Sigrun</li> <li>4)OTT Gertrud</li> </ul>
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(57) Abstract :

The invention relates to a method for producing stable suspensions and dispersions of carbon nanotubes and to the dispersions that are produced using said method.

No. of Pages : 26 No. of Claims : 9

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR ATTACHING A CHIP TO A PRINTED CONDUCTIVE SURFACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> <li>(51) NA</li> <li>(52) Divisional to Application</li> <li>(53) NA</li> <li>(54) Patent</li> <li>(55) Patent</li> <li>(56) Patent</li> <li>(57) Patent</li> <li>(57) Patent</li> <li>(58) Patent</li> <li>(59) Patent</li> <li>(51) Patent</li> <li>(51) Patent</li> <li>(52) Divisional to Application</li> <li>(52) Divisional to Application</li> <li>(53) NA</li> <li>(54) Patent</li> <li>(55) Patent</li> <li>(55) Patent</li> <li>(56) Patent</li> <li>(57) Patent</li> <li>(58) Patent</li> <li>(59) Patent</li> <li>(51) Patent</li> <li>(51) Patent</li> <li>(52) Patent</li> <li>(52) Patent</li> <li>(53) Patent</li> <li>(54) Patent</li> <li>(55) Patent</li> <li>(54) Patent</li> <li>(55) Patent</li> <li>(55) Patent</li> <li>(56) Patent</li> <li>(57) Patent</li> <li>(57) Patent</li> <li>(58) Patent</li> <li>(59) Patent</li> <li>(51) Patent</li> <li>(52) Patent</li> <li>(52) Patent</li> <li>(53) Patent</li> <li>(54) Patent</li> <li>(54) Patent</li> <li>(55) Patent</li> <li>(56) Patent</li> <li>(57) Patent</li> <li>(57) Patent</li> <li>(58) P</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)STORA ENSO OYJ Address of Applicant :Pl 309 FI 00101 Helsinki Finland</li> <li>(72)Name of Inventor :</li> <li>1)MAIJALA Juha</li> <li>2)SIRVI– Petri</li> </ul>
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#### (57) Abstract :

A chip (201) is attached to a printed conductive surface. The chip is first heated to a first temperature which is lower than what the chip can stand without being damaged by the heat. The heated chip is pressed against the printed conductive surface with a first pressing force. A combination of said first temperature and said first pressing force is sufficient to at least partly melt the material of at least one of: the printed conductive surface contact point on the chip (205 206).

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

(21) Application No.2877/DELNP/2013 A

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ACRYLATE COPOLYMER THICKENERS (51) International classification :A61K8/81,A61Q5/02,A61Q5/12 (71)Name of Applicant : (31) Priority Document No 1)LUBRIZOL ADVANCED MATERIALS INC. :61/389838 (32) Priority Date :05/10/2010 Address of Applicant :9911 Brecksville Road Cleveland Ohio (33) Name of priority country 44141 3247 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2011/054859 No 1)TAMARESELVY Krishnan :05/10/2011 Filing Date (87) International Publication No:WO 2012/047957 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Disclosed are surfactant compositions containing at least one crosslinked acrylic copolymer. The crosslinked acrylic copolymer is polymerized in the presence of at least two different classes of crosslinking monomers. The crosslinked acrylic copolymers provide desirable rheological clarity and aesthetic properties in aqueous surfactant containing compositions.

No. of Pages : 120 No. of Claims : 50

#### (19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MICRO DEVICES BIOMEDICAL APPLICATIONS AND USES OF THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul> </li> </ul>	:PCT/US2010/049298 :17/09/2010 :WO 2012/036697 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHANG HE BIO MEDICAL SCIENCE (YANGZHOU)</li> <li>CO. LTD. <ul> <li>Address of Applicant :3/F Building No.9 No. 1 Xinxi Ave.</li> </ul> </li> <li>Guangling New Town Yangzhou Jiangsu 225003 China</li> <li>(72)Name of Inventor : <ul> <li>1)YU Chris Chang</li> <li>2)YU He</li> </ul> </li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provide micro devices for biological applications and methods of using them wherein each micro device comprises an oater membrane and a property and has a size ranging from approximately 1 angstrom to no greater than approximately millimeters.

No. of Pages : 36 No. of Claims : 53

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PREPARATION METHOD OF SUPERABSORBENT POLYMER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N</li> </ul>	:C08J3/24,C08J3/075,B01J20/26 :1020100116164 :22/11/2010 :Republic of Korea o:PCT/KR2011/008926	<ul> <li>(71)Name of Applicant :</li> <li>1)LG CHEM LTD.</li> <li>Address of Applicant :20 Yoido dong Youngdungpo gu Seoul</li> <li>150 721 Republic of Korea</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>Filing Date</li> <li>(87) International Publication Not</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:22/11/2011	1)WON Tae Young 2)HAN Chang Sun 3)KIM Gi Cheul 4)LEE Sang Gi 5)KIM Kyu Pal 6)PARK Sung Soo 7)LEEM Gyu

(57) Abstract :

The present invention relates to a method of preparing a superabsorbent polymer including the steps of: preparing a hydrous gel phase polymer by thermal polymerizing or photo polymerizing a monomer composition including a water soluble ethylene based unsaturated monomer and a polymerization initiator; drying the hydrous gel phase polymer; milling the dried polymer; adding a surface cross linking agent to the milled polymer; and elevating the temperature of the polymer including the surface cross linking agent at a speed of  $3^{\circ}$ C/min to  $15^{\circ}$ C/min and carrying out a surface cross linking reaction at  $100^{\circ}$ C to  $250^{\circ}$ C.

No. of Pages : 27 No. of Claims : 16

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ESTER PRO DRUGS OF [3 (1 (1H IMIDAZOL 4 YL)ETHYL) 2 METHYLPHENYL] METHANOL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K31/4174,C07D233/64,A61P27/06 :61/383370 :16/09/2010 :U.S.A. :PCT/US2011/052004 :16/09/2011 :WO 2012/037499 O:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92886 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHOW Ken</li> <li>2)DIBAS Mohammed I.</li> <li>3)DONELLO John E.</li> <li>4)GARST Michael E.</li> <li>5)GIL Daniel W.</li> <li>6)WANG Liming</li> </ul>
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(57) Abstract :

The present invention relates to novel compounds ester pro drugs of [3 (1 (1H imidazol 4 yl)ethyl) 2 methylphenyl]

methanol processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals in the treatment of conditions mediated by adrenergic receptors.

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

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ESTER PRO DRUGS OF [3 (1 (1H IMIDAZOL 4 YL)ETHYL) 2 METHYLPHENYL] METHANOL FOR LOWERING INTRAOCULAR PRESSURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Detect of Additionation Application</li> </ul>	:A61K31/4174,A61P27/06 :61/383370 :16/09/2010 :U.S.A. :PCT/US2011/051990 :16/09/2011 :WO 2012/037490	<ul> <li>1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92886 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>DIBAS Mohammed I.</li> <li>CHOW Ken</li> </ol> </li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA	2)CHOW Ken 3)DONELLO John E. 4)GARST Michael E. 5)GIL Daniel W. 6)WANG Liming

(57) Abstract :

The present invention relates to method of lowering intraocular pressure in a subject in need of such treatment which comprises administering a therapeutically effective amount of a composition comprising a ester pro drugs of [3 (1 (1H imidazol 4 yl)ethyl) 2 methylphenyl] methanol of enantiomers thereof of tautomers thereof pharmaceutical compositions containing them and their use as pharmaceuticals.

No. of Pages : 44 No. of Claims : 21

(22) Date of filing of Application :08/04/2013

(21) Application No.3100/DELNP/2013 A

(43) Publication Date : 14/11/2014

(51) International classification	:G02B1/04	(71)Name of Applicant :
(31) Priority Document No	:12/948786	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:18/11/2010	Address of Applicant :Plasticslaan 1 4612PX Bergen op Zoom
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/US2011/061350	(72)Name of Inventor :
Filing Date	:18/11/2011	1)HARALUR Gurulingamurthy
(87) International Publication No	:WO 2012/068439	2)SHETH Kapil
(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 : OPTICAL ARTICLE WITH LENS COMPRISING POLYIMIDE

(57) Abstract :

Disclosed herein is an article comprising a lens having a width of 0.1 millimeters to 100 millimeters a length of 0.5 millimeters to 500 millimeters and a thickness of 0.2 millimeters to 5 millimeters; and the lens transmits light having a wavelength of 600 nanometers to 1600 nanometers wherein the lens comprises a polymer and the polymer comprises a polyimide comprising structural units derived from specific combinations of compounds wherein the lens is transparent and dimensionally stable at a wall thickness of 0.2 millimeters to 5.0 millimeters and remains transparent and dimensionally stable after being (a) exposed to a precondition of 60°C/60% relative humidity for 120 hours and (b) then subjected to a lead free solder test having a peak temperature of 260°C for up to 30 seconds.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C10J3/46,C10L3/08 :61/408928 :01/11/2010 :U.S.A. :PCT/US2011/058321 :28/10/2011 :WO 2012/061238 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GREATPOINT ENERGY INC. Address of Applicant :222 Third Street Suite 2163 Cambridge MA 02142 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)RAMAN Pattabhi K.</li> <li>2)JIRADILOK Veeraya</li> <li>3)ROBINSON Earl T.</li> <li>4)SIRDESHPANDE Avinash</li> </ul>
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#### (54) Title of the invention : HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK

(57) Abstract :

The present invention relates to processes for hydromethanating a carbonaceous feedstock to a methane enriched synthesis gas where an oxygen rich gas stream and the carbonaceous feedstock are fed into a fluidized bed hydromethanation reactor and where the carbonaceous feedstock as fed into the hydromethanation reactor has an elevated moisture content in order for example to assist in heat management within the hydromethanation reactor.

No. of Pages : 55 No. of Claims : 10

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYNTHESIS OF PERETINOIN

classification       :C0/C49/203,C0/C51/08,C0/C51/373         (31) Priority Document No :10185735.7         (32) Priority Date       :01/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BEUMER Raphael</li> </ul>
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(57) Abstract :

The present invention relates to a new and improved synthesis of peretinoin.

No. of Pages : 10 No. of Claims : 4

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : IMPROVED SYNTHESIS OF PERETINOIN

<ul> <li>(51) International classification</li> <li>:C07C51/353,C07C67/333,C07C57/03</li> <li>(31) Priority Document No: 10185739.9</li> <li>(32) Priority Date :01/10/2010</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(63) Patent of Number Filing Date</li> <li>(64) Patent of Number Filing Date</li> <li>(65) Divisional to SNA SNA SNA SNA SNA SNA SNA SNA SNA SNA</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BEUMER Raphael</li> </ul>
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(57) Abstract :

The present invention relates to a new and improved synthesis of peretinoin.

No. of Pages : 8 No. of Claims : 2

(22) Date of filing of Application :08/04/2013

#### (21) Application No.3072/DELNP/2013 A

(43) Publication Date : 14/11/2014

(51) International classification:H01M2/14(31) Priority Document No:61/405316(32) Priority Date:21/10/2010(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2011/0569Filing Date:20/10/2011(87) International Publication No:WO 2012/054667(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKan and the application Number:NAFiling Date:NAState:NAState:NA	<ul> <li>(71)Name of Applicant : <ul> <li>(71)Name of Applicant :</li> <li>(71)EASTMAN CHEMICAL COMPANY</li> <li>Address of Applicant :200 South Wilcox Drive Kingsport TN</li> <li>(760 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>(72)Name of Inventor :</li> <li>(72)Name of Inventor</li></ul></li></ul></li></ul>
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#### (54) Title of the invention : BATTERY SEPARATOR

(57) Abstract :

A battery separator comprising at least one nonwoven web layer is provided. The nonwoven web layer comprises a plurality of first fibers a plurality of second fibers and a binder. The first fibers comprise a water non dispersible synthetic polymer and have a different configuration and/or composition than the second fibers. The first fibers have a length of less than 25 millimeters and a minimum transverse dimension of less than 5 microns. The nonwoven web layer comprises at least 10 weight percent of the second fibers and at least 1 weight percent of the binder. The battery separator exhibits an enhanced combination of strength durability and ionic resistance.

No. of Pages : 92 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(51) International algoritization	:G05D1/02	(71)Nome of Applicant .
<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:12/900825	(71)Name of Applicant : 1)HONDA PATENTS & TECHNOLOGIES NORTH
(32) Priority Date	:08/10/2010	AMERICA LLC
(33) Name of priority country	:U.S.A.	Address of Applicant :700 Van Ness Avenue Torrance CA
(86) International Application No	:PCT/US2011/055146	11
Filing Date	:06/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/048139	1)OYAMA Hiroki
(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 : VARIABLE GAIN CONTROL NOSE WHEEL STEERING SYSTEM

(57) Abstract :

A method for determining a target steering angle for nose landing gear of an aircraft includes receiving rudder pedal input data into a steering control unit receiving aircraft speed data into the steering control unit calculating a normal gain calculating a parking gain and adding the normal gain and the parking gain to determine the target steering angle. The normal gain is a positive quantity in all aircraft speed and pedal stroke ranges. The parking gain is a positive quantity in parking and taxiing speed ranges. A nose wheel steering system is also disclosed.

No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A47J31/52	(71)Name of Applicant :
(31) Priority Document No	:10186777.8	1)NESTEC S.A.
(32) Priority Date	:07/10/2010	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/067546	(72)Name of Inventor :
Filing Date	:07/10/2011	1)FILLIOL Carine
(87) International Publication No	:WO 2012/045860	2)BERTHET Aurore
(61) Patent of Addition to Application	.NT A	3)PINEAU Nicolas
Number	:NA	4)CORNEAU Ingrid
Filing Date	:NA	5)MANDRALIS Zenon Ioannis
(62) Divisional to Application Number	:NA	6)KERNKAMP Michiel
Filing Date	:NA	7)MURPHY Richard Luke

### (54) Title of the invention : BEVERAGE DISPENSER WITH SELECTABLE BEVERAGE SENSORY PARAMETERS

(57) Abstract :

The invention concerns a beverage dispenser comprising : means for preparing a beverage from at least a concentrated food ingredient a user interface (6) operable to interact with a consumer for presenting to the consumer at least one of a list of selectable sensory parameters (P P P P) and for receiving at least one input (61) from the consumer regarding at least one of said parameters a control unit (7) controlling the means for preparing a beverage and dispensing a beverage based at least in part on the at least one input of the consumer regarding at least one of the selectable sensory parameters.

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

#### (19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : REQUEST ROUTING IN A NETWORKED ENVIRONMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	PCT/US2011/053302 :26/09/2011 :WO 2012/044587 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno NV 89507 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)RICHARDSON David R.</li> <li>2)CORMIE John</li> <li>3)MACCARTHAIGH Colm</li> <li>4)REDMAN Benjamin W. S.</li> </ul>
(62) Divisional to Application Number Filing Date	<sup>n</sup> :NA :NA	

(57) Abstract :

A system methods and interfaces for managing request routing functionality associated with resource requests for one or more resources associated with a content provider. The request routing functionality can correspond to the processing of domain name service (DNS) requests for resources by computing devices and the resolution of the DNS requests by the identification of a network address of a computing device that will provide the requested resources. Unlike traditional CDN service provider implementation the processing of resource requests by the service provider is separate from the delivery of the content by the content provider (or on behalf of the content provider).

No. of Pages : 41 No. of Claims : 16

(21) Application No.2992/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : OXIDE PIGMENT DISPERSION FOR INKJET INK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA ·PCT/US2010/053696	<ul> <li>(71)Name of Applicant :</li> <li>1)HEWLETT PACKARD DEVELOPMENT COMPANY</li> <li>L.P. Address of Applicant :11445 Compaq Center Drive W.</li> <li>Houston TX 77070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KASPERCHIK Vladek</li> </ul>
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(57) Abstract :

An oxide pigment dispersion comprised of nano sized particles of inorganic oxide and a reactive dispersant and an inkjet ink based on this dispersion.

No. of Pages : 19 No. of Claims : 15

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

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

(51) International classification (31) Priority Document No	:F03D3/06,F03D3/04,F03D9/00 :10 2010 045 915.1	(71)Name of Applicant : 1)STEEL Dennis Patrick
(32) Priority Date	:21/09/2010	Address of Applicant :Bullermannshof 21 47441 Moers
(33) Name of priority country	:Cyprus	Germany
(86) International Application No	:PCT/EP2011/004601	(72)Name of Inventor :
Filing Date	:14/09/2011	1)STEEL Dennis Patrick
(87) International Publication No	:WO 2012/038043	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The turbine system for wind and/or water power wherein the radial turbines have a rotor which can rotate about an axis and comprises one or more turbine blades wherein the turbine blades are aligned parallel to the rotor wherein the turbine blades are arranged within a cylindrical shell which is arranged concentrically around the axis and has an outer radius R1 and an inner radius R2 is characterized in that the turbine blades have a specific geometry and in that two radial turbines (1 2) which are aligned alongside one another and parallel are arranged which radial turbines (12) are connected to one another and can pivot about a pivoting axis (15) parallel to the turbine axes (18) wherein the pivoting axis and the guide surfaces (3 4) are not located on the connecting line between the turbine axes and are both located on the same side of the connecting line.

No. of Pages : 53 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (51) International classification :F04B1/04,F04B9/04 (71)Name of Applicant : **1)ROBERT BOSCH GMBH** (31) Priority Document No :10 2010 042 295.9 (32) Priority Date :12/10/2010 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2011/066199 (72)Name of Inventor : Filing Date :19/09/2011 1)LESSING Ulrich (87) International Publication No :WO 2012/048984 2)STRAEHLE Jochen (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 : HIGH PRESSURE PUMP AND DRIVE FOR A HIGH PRESSURE PUMP

#### (57) Abstract :

The invention relates to a high pressure pump for a fuel injection device of an internal combustion engine comprising at least one pump piston driven by the rotation of a drive shaft about a rotary axis via a cam disposed on the drive shaft and a plunger assembly disposed on the pump piston in a stroke motion in a substantially radial direction to a rotational axis of the drive shaft wherein the plunger assembly comprises a roller having a roller shell surface making contact with a running surface of the cam wherein the running surface of the cam and/or the roller shell surface at least partially has a coating comprising an elastomer. The invention further relates to a drive for a high pressure pump comprising a drive shaft having at least one cam and a roller disposed in a roller shoe wherein a roller shell surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the cam wherein the running surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the roller shell surface of the roller makes rolling contact with a running surface of the cam wherein the running surface of the roller shell surface of the roller at least partially has a coating comprising an elastomer.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD TO CONTROL PARTICULATE MATTER EMISSIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	) :PCT/US2011/044464 :19/07/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC. Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LI Dong X.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method for removing particulate matter from a particulate bearing gas stream comprises flowing a particulate bearing gas stream at a first volumetric flow rate to a plurality of ESP units; producing electrically charged particulate matter; collecting electrically charged particulate matter on collection electrode plates; reducing the flow through at least one of the ESP units; sequentially increasing the flow through one or more remaining ESP units in an amount so as to maintain the sum of flow through all of the ESP units at the first volumetric flow rate; subjecting the collection electrode plates in the at least one ESP unit with reduced flow to forces which dislodge the particulate matter from the collection electrode plates; collecting the dislodged particulate matter in a particulate collection receptacle; and withdrawing a gas stream of reduced particulate matter contamination.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INTERNAL GEAR PUMP HAVING AN INTEGRATED ELECTRIC MOTOR

(51) International classification	:F04C2/10,F04C15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 041 995.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:05/10/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/065265	(72)Name of Inventor :
Filing Date	:05/09/2011	1)FRANK Josef
(87) International Publication No	:WO 2012/045535	2)FUCHS Alexander
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The invention relates to an internal gear pump (1) having an integrated electric I I motor (2), in particular for a motor vehicle, for conveying a fluid, comprising an internal I gear (5) having an internal gear ring (6), an external gear (8) having an external gear ring (9), wherein the teeth (7, 10) of the internal and external gears (5, 8) mesh, a working chamber (32) formed between the internal gear (5) and the external gear (8), and an 1 electric motor (2) having a stator (11) and a rotor (12), wherein the external gear (8) is formed by the rotor (12), permanent magnets (13) being integrated into the external gear (8), wherein the pe

No. of Pages : 14 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12/58	(71)Name of Applicant :
(31) Priority Document No	:12/912562	1)ALCATEL LUCENT
(32) Priority Date	:26/10/2010	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/US2011/054890	(72)Name of Inventor :
Filing Date	:05/10/2011	1)CAI Yigang
(87) International Publication No	:WO 2012/057978	2)HUA Suzann
(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 : DELIVERY REPORT FOR TEXT MESSAGES IN SIP COMMUNICATIONS

(57) Abstract :

Systems and methods are disclosed for providing a delivery status of a text message in a SIP response. In one embodiment a text message system receives a SIP request from an entity in a packet switched network where the SIP request encapsulates a text message. The text message system determines a status for delivering the text message to a recipient and generates a SIP response that includes a delivery status parameter for text messages. The text message system inserts the determined delivery status for the text message in the delivery status parameter of the SIP response and transmits the SIP response to the entity over the packet switched network.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H01Q1/38,H01Q5/01	(71)Name of Applicant :
(31) Priority Document No	:2010233129	1)MITSUBISHI MATERIALS CORPORATION
(32) Priority Date	:15/10/2010	Address of Applicant :3 2 Otemachi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008117 Japan
(86) International Application No	:PCT/JP2011/005723	(72)Name of Inventor :
Filing Date	:13/10/2011	1)YUKIMOTO Shinsuke
(87) International Publication No	:WO 2012/049847	2)SAITO Ryo
(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 : ANTENNA DEVICE SUBSTRATE AND ANTENNA DEVICE

(57) Abstract :

Provided is an antenna-device substrate which is capable of flexibly adjusting multiple resonance frequencies, and also provided is an antenna device. The antenna-device substrate is provided with a substrate main body (2), a ground plane (GND) on the surface of the substrate main body (2), first to third elements (1 to 5), and a short part (6) connecting the first element (3) and the second element (4) . The first element is provided with a feed point (FP) at the base end and extends comprising a first connector (CI) of a first passive element 1P1). The second 1 element is connected to the ground plane and is provided with a first antenna element (ATI) at the tip end, and extends comprising a second connector (C2) of a second passive element (P2) and comprising a fourth passive element (P4). The third element extends comprising a third connector (C3) of a third passive element (P3). The first element extends with a gap provided between the first element and each of the second element, the third element, and the ground plane such that a floating capacitance can be generated therebetween.

No. of Pages : 42 No. of Claims : 7

(21) Application No.3117/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:12/904812 :14/10/2010 :U.S.A. :PCT/US2011/056184 :13/10/2011 :WO 2012/051435 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place Sunnyvale California</li> <li>94088 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LOKE Alvin Leng Sun</li> <li>2)WEE Tin Tin</li> </ul>
(62) Divisional to Application Number Filing Date	· :NA :NA	

#### (54) Title of the invention : SHIELD MODULATED TUNABLE INDUCTOR DEVICE

(57) Abstract :

A semiconductor device is presented here. The semiconductor device includes an integrated inductor formed on a semiconductor substrate a transistor arrangement formed on the semiconductor substrate to modulate loop current induced by the integrated inductor dielectric material to insulate the integrated inductor from the transistor arrangement and a controller coupled to the transistor arrangement. The controller is used to select conductive and nonconductive operating states of the transistor arrangement. A conductive operating state of the transistor arrangement allows formation of induced loop current in the transistor arrangement. A semiconductor device is presented here. The semiconductor device includes an integrated inductor formed on a semiconductor substrate a transistor arrangement formed on the semiconductor substrate to modulate loop current induced by the integrated inductor substrate a transistor arrangement formed on the semiconductor substrate to modulate loop current induced by the integrated inductor device is presented here. The semiconductor from the transistor arrangement and a controller coupled to the transistor arrangement. A semiconductor device is presented here. The semiconductor substrate to modulate loop current induced by the integrated inductor dielectric material to insulate the integrated inductor from the transistor arrangement and a controller coupled to the transistor arrangement. The controller is used to select conductive and nonconductive operating states of the transistor arrangement allows formation of induced loop current in the transistor arrangement. A conductive operating state of the transistor airangement allows formation of induced loop current in the transistor arrangement. A conductive operating state of the transistor airangement allows formation of induced loop current in the transistor arrangement. A conductive operating state of the transistor airangement allows formation of induced loop current in the transistor arrangement and a nonconductive operating sta

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

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : HIGH EFFICIENCY FILTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B01D39/10 :61/405300 :21/10/2010 :U.S.A. :PCT/US2011/056995 :20/10/2011 :WO 2012/054672 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>EASTMAN CHEMICAL COMPANY Address of Applicant :200 South Wilcox Drive Kingsport TN </li> <li>37660 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>GUPTA Rakesh Kumar</li> <li>MITCHELL Melvin Glenn</li> <li>KLOSIEWICZ Daniel William</li> <li>CLARK Mark Dwight</li> <li>ANDERSON Chris Delbert</li> <li>MITCHELL Marvin Lynn</li> <li>MITCHELL Paula Hines</li> <li>WOLFE Amber Layne</li> </ol> </li> </ol></li></ul>
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(57) Abstract :

A high efficiency filter comprising at least one nonwoven web layer is provided. The nonwoven web layer comprises a plurality of first fibers a plurality of second fibers and a binder. The first fibers comprise a water non dispersible synthetic polymer and have a different configuration and/or composition than the second fibers. The first fibers have a length of less than 25 millimeters and a minimum transverse dimension of less than 5 microns. The nonwoven web layer comprises at least 15 weight percent of the first fibers at least 10 weight percent of the second fibers and at least 1 weight percent of the binder. The high efficiency filter has a filtration efficiency of 85% (DIN EN 1822) or higher. Also disclosed is a process for producing the first fibers and the multicomponent fibers from which they are derived.

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

(22) Date of filing of Application :02/04/2013

#### (43) Publication Date : 14/11/2014

	1
:A63H33/04	(71)Name of Applicant :
:PA 2010 00955	1)LEGO A/S
:21/10/2010	Address of Applicant : Aastvej 1 DK 7190 Billund Denmark
:Denmark	(72)Name of Inventor :
:PCT/DK2011/050392	1)RYAA Jan
:18/10/2011	
:WO 2012/052026	
٠NA	
.INA	
:NA	
:NA	
	:PA 2010 00955 :21/10/2010 :Denmark :PCT/DK2011/050392 :18/10/2011 :WO 2012/052026 :NA :NA :NA

#### (54) Title of the invention : A TOY BUILDING SET

(57) Abstract :

A toy building element comprising at least one first type of building element (1) on which a rotation shaft (3) located along an axis of rotation is arranged and wherein the toy building set comprises at least one second type (6) of building element in which a rotation bushing (9) is provided which is configured for receiving and being interconnected with the rotation shaft on the first building element in such a manner that the two building elements can rotate relative to each other about the axis of rotation. At least two separate ribs are configured on the rotation shaft on the first type of building element and the second type of building element comprises a ratchet mechanism (7) configured such that when the two types of building elements are interconnected by means of the snap connection the ratchet mechanism cooperates with the ribs (5) on the rotation shaft to the effect that a ratchet sound is generated when the two types of building elements are rotated relative to each other about the axis of rotation.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA ·NA	<ul> <li>(71)Name of Applicant : <ol> <li>COMPAGNIE GENERALE DES ETABLISSEMENTS</li> </ol> </li> <li>MICHELIN <ul> <li>Address of Applicant :12 cours Sablon Clermont Ferrand</li> </ul> </li> <li>63000 France <ul> <li>MICHELIN RECHERCHE ET TECHNIQUE S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>DAUTREY Nicolas</li> <li>FUTAMURA Yasuhiko</li> <li>GREVERIE Ludovic</li> <li>KANNO Yuji</li> <li>ROTY Gael</li> <li>SHIMANAKA Nanae</li> </ul> </li> </ul>
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#### (54) Title of the invention : PNEUMATIC TIRE TREAD

(57) Abstract :

Provided is a pneumatic tire tread wherein while drainage performance is maintained air column resonance is reduced and wears of a groove fence and a tread part are approximated to each other. In this pneumatic tire tread a plurality of groove fences (4) are installed in at least one circumferential groove (2) each groove fence being formed to extend from the groove bottom (21) of the circumferential groove (2) and block at least 70% of the cross sectional area of the circumferential groove (2) and the bending parameter defined by EI/(h|) (where E is the modulus of a material used for the groove fence when the material extends by 10% I is the second moment of area of the groove fence h is the height of the groove fence and | is the width of the groove fence) of the groove fence (4) is 250 350 Pa.

No. of Pages : 29 No. of Claims : 4

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : INLINE LIQU	ID DRUG MEDICAL D	EVICE HAVING ROTARY FLOW CONTROL MEMBER
(51) International classification	:A61J1/20	(71)Name of Applicant :
(31) Priority Document No	:209290	1)MEDIMOP MEDICAL PROJECTS LTD
(32) Priority Date	:14/11/2010	Address of Applicant :17 Hatidhar Street P O Box 2499 43665
(33) Name of priority country	:Israel	Raanana Israel
(86) International Application No	:PCT/IL2011/000829	(72)Name of Inventor :
Filing Date	:27/10/2011	1)DENENBURG Igor
(87) International Publication No	:WO 2012/063230	2)LEV Nimrod
(61) Patent of Addition to Application	:NA	3)GILBOA Moshe
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Inline liquid drug medical devices for use with a source of physiological fluid and a medicinal vessel for liquid drug reconstitution and administration purposes. The inline liquid drug medical devices include a housing having a longitudinal device axis a rotary flow control member and a vial adapter for transposing the flow control member from an initial first flow control position for liquid drug reconstitution purposes to a second flow control position for liquid drug administration purposes. The inline liquid drug medical devices include a syringe port and a drug dispensing port co axial with the device axis. The rotary flow control member is rotatable about an axis of rotation co axial with the syringe port and the drug dispensing port.

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

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FORMULATIONS AND METHODS FOR ATTENUATING RESPIRATORY DEPRESSION INDUCED BY OPIOID OVERDOSE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:A61K9/50,A61K31/485 :61/406752 :26/10/2010 :U.S.A. :PCT/IB2011/054767 :25/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ALPHARMA PHARMACEUTICALS LLC Address of Applicant :400 Crossing Boulevard Bridgewater New Jersey 08807 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LAMSON Michael J.</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/056402 :NA :NA :NA :NA	2)GOLI Veeraindar

(57) Abstract :

The invention relates to compositions and methods for attenuating opioid induced respiratory depression. Such compositions comprise opioid and sequestered opioid antagonists in a multi particulate dosage formulation.

No. of Pages : 42 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : MECHANIS	M FOR CONTROLLING	POWER CONSUMPTION IN A PROCESSING NODE
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:G06F1/32 :12/881307 :14/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place P.O. Box 3453 Sunnyvale California 94088 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NAFFZIGER Samuel D.</li> </ul>

(57) Abstract :

A system includes a plurality of processor cores and a power management unit. The power management unit may be configured to independently control the performance of the processor cores by selecting a respective thermal power limit for each of the plurality of processor cores dependent upon an operating state of each of the processor cores and a relative physical proximity of each processor core to each other processor core. In response to the power management unit detecting that a given processor core is operating above the respective thermal power limit the power management unit may reduce the performance of the given processor core and thereby reduce the power consumed by that core.

No. of Pages : 21 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : FITTING FOR A VEHICLE SEAT AND METHOD FOR PRODUCING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Either Date</li> </ul>	:10 2011 012 076.9 :14/02/2011 :Germany :PCT/EP2012/000583 :09/02/2012 :WO 2012/110213 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KEIPER GMBH &amp; CO. KG Address of Applicant :Hertelsbrunnenring 2 67657 Kaiserslautern Germany</li> <li>(72)Name of Inventor :</li> <li>1)STILLEKE Martin</li> <li>2)MUSIAN Jonni</li> </ul>
Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to a fitting (10) for a vehicle seat in particular for a motor vehicle seat comprising a first fitting part (11) and a second fitting part (12) which are rotatable relative to one another and which are in geared connection with one another by means of a ring gear (17) and a gear wheel (16) which meshes with the ring gear (17) and comprising a cam (27 27) which is driven by a driver (21) and revolves in the circumferential direction in order to drive a relative rolling movement of the gear wheel (16) and the ring gear (17) wherein the driver (21) is mounted with a clearance in a and/or the cam (27 27) on a collar (19) of the second fitting part (12) and wherein the collar (19) has a flange (19b) on the free end thereof wherein the end face of said flange forms an axial support surface (19f) for the driver (21) and the flange (19b) comprises a groove (19g) in the support surface (19f).

No. of Pages : 22 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : DEVICE FOR DISINFECTING AND/OR RINSING ENDOSCOPES WITH LIMITED ESCAPE OF FUMES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/US2011/054247 :30/09/2011 :WO 2012/044944 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HEALTHPOINT LTD. Address of Applicant :3909 Hulen St. Fort Worth TX 76107 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MINER Norman</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Systems and methods for disinfection and/or water rinsing of endoscopes in which disinfectant fumes can be contained during use (e.g. to limit operator exposure to disinfectants and fumes).

No. of Pages : 24 No. of Claims : 32

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

(43) Publication Date : 14/11/2014

(51) International classification	:B60T8/34	(71)Name of Applicant :
(31) Priority Document No	:12/902456	1)HONDA PATENTS & TECHNOLOGIES NORTH
(32) Priority Date	:12/10/2010	AMERICA LLC
(33) Name of priority country	:U.S.A.	Address of Applicant :700 Van Ness Avenue Torrance
(86) International Application No	:PCT/US2011/055574	California 90501 U.S.A.
Filing Date	:10/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/051099	1)OYAMA Hiroki
(61) Patent of Addition to Application	:NA	2)BOLAND Michael Joseph
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : BRAKE SYSTEM AND METHOD

(57) Abstract :

A hydraulic system for an aircraft includes a brake operation device a pressure supply a reservoir a shut off valve and a wheel brake. The shut off valve is in fluid communication with and is disposed between the pressure supply and the brake valve. The shut off valve can include a poppet a first valve seat and a second valve seat. Movement of the poppet is controlled by operation of the brake operation device. The poppet is movable between a first position where the poppet acts against the first valve seat and a second valve seat. In the first position fluid flow is blocked between the pressure supply and the brake valve through the shut off valve. In the second position fluid flow is allowed between the pressure supply and the brake valve through the shut off valve.

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

#### (19) INDIA

(22) Date of filing of Application :08/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : COOLING FABRICS		
(51) International classification	:D06M14/04,D06M23/00	(71)Name of Applicant :
(31) Priority Document No	:61/564726	1)COLUMBIA SPORTSWEAR NORTH AMERICA INC.
(32) Priority Date	:29/11/2011	Address of Applicant :14375 NW Science Park Drive Portland
(33) Name of priority country	:U.S.A.	OR 97229 U.S.A.
(86) International Application No	:PCT/US2012/067104	(72)Name of Inventor :
Filing Date	:29/11/2012	1)ARAUJO Christopher
(87) International Publication No	:WO 2013/082305	2)BLACKFORD Michael woody E.
(61) Patent of Addition to Application	-NI 4	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure relate generally to cooling fabrics having an array of cooling elements coupled to a base fabric and in particular to methods and fabrics that utilize an array of cooling elements coupled to a base material to absorb heat while also maintaining desired properties of the base material. In some embodiments the cooling elements may include a cooling gel or polymer or a phase change material and the cooling elements may undergo a chemical or physical change when exposed to moisture thereby absorbing heat.

No. of Pages : 23 No. of Claims : 21

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : WALL MOUNTED THREE DIMENSIONAL VISUAL DISPLAY ELEMENT

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:B44F7/00,A47B96/02,A47G1/00 :61/391429 :08/10/2010 :U.S.A. :PCT/CA2011/001139 :07/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)3D LIGHTING FX INC. Address of Applicant :2666 Royal Windsor Drive #1B Mississauga Ontario L5J4N1 Canada</li> <li>(72)Name of Inventor :</li> <li>1)WEGRZYN Tom P.</li> </ul>
(87) International Publication No	:WO 2012/045167	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A three dimensional visual element is provided which includes a decal or other device to simulate a crack or break within the wall on which the visual elements is mounted. The visual element also includes a functional feature such as a light shelf support electronic device or the like so that the visual element also provides some utility. In one example a three dimensional representation of a soccer ball is provided wherein the soccer ball is surrounded by a clear plastic decal having a cracking pattern so as to represent cracks within the wall on which the device is mounted. Within the shell of the soccer ball in this exemplary embodiment are lighting elements which allow the device to be used as a nightlight.

No. of Pages : 13 No. of Claims : 17

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : AGE TAILORED NUTRITIONAL FORMULA WITH PARTICULARLY ADAPTED CALORIC DENSITY FOR INFANTS AND CHILDREN

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:A23L1/29,A23L1/30,A23L1/305 :10191200.4 :15/11/2010 :EPO :PCT/EP2011/068606 :25/10/2011	<ul> <li>1)NESTEC S.A. Address of Applicant :Avenue Nestl 55 CH 1800 Vevey</li> <li>Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)KLASSEN Petra</li> </ul>
Filing Date (87) International Publication No	:WO 2012/065809	2)MAGLIOLA Corinne
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Nutritional formulae which are specifically designed to address the needs of infants and young children up to at least 2 years of age. In particular the inventionv provides a set of nutritional compositions for infants and young children each nutritional composition having an age specific caloric density. The set of the invention is specifically aimed at providing long term benefits to the infants and young children such as reducing obesity and reducing cardiovascular diseases later in life.

No. of Pages : 31 No. of Claims : 16

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : RAPID 3D M	ODELING	
<ul> <li>(54) Title of the invention : RAPID 3D M0</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06T15/00 :61/391069 :07/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)SUNGEVITY <ul> <li>Address of Applicant :66 Franklin St. Ste 310 Oakland CA</li> </ul> </li> <li>94607 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)PRYOR Adam</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The invention provides a system and method for rapid efficient 3D modeling of real world 3D objects. A 3D model is generated based on as few as two photographs of an object of interest. Each of the two photographs may be obtained using a conventional pin hole camera device. A system according to an embodiment of the invention includes a novel camera modeler and an efficient method for correcting errors in camera parameters. Other applications for the invention include rapid 3D modeling for animated and real life motion pictures and video games as well as for architectural and medical applications.

No. of Pages : 42 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CLOSING DEVICE FOR A CONTAINER AND CONTAINER COMPRISING SAID CLOSING DEVICE

(51) International classification	:B65D51/28	(71)Name of Applicant :
(31) Priority Document No	:UD2010A000167	1)BIOFARMA SPA
(32) Priority Date	:17/09/2010	Address of Applicant : Via Castelliere 2 I 33036 Mereto di
(33) Name of priority country	:Italy	Tomba Italy
(86) International Application No	:PCT/IB2011/002151	(72)Name of Inventor :
Filing Date	:15/09/2011	1)SCARPA Germano
(87) International Publication No	:WO 2012/035417	2)COGOLO Luigi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ab stud at .		•

#### (57) Abstract :

A device (10) for closing a container (12) in which to contain a first component to be introduced into the container (12) in addition to a second component comprising a tank (16) for the first component a mobile thruster (15) by means of which to determine the opening of the tank (16) a closing portion (13) stably associated with the tank (16) and provided with closing means (20) able to cooperate with a neck (1 1) of the container (12) to determine a releasable clamping. The closing portion (13) houses slidingly inside it at least a part (26) of the mobile thruster (15) and has an opening (21) for the passage of the mobile thruster (15) toward the tank (16). The mobile thruster (15) is made by molding in a single piece with the closing portion (13) defining a profile (27) of preferential breakage connecting said mobile thruster (15) and said closing portion (13). A safety element (29) is also provided made in a single piece both with respect to said mobile thruster (15) and also with respect to the closing portion (13).

No. of Pages : 29 No. of Claims : 22

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HYPOCHOLESTEROLEMIC ANTI INFLAMMATORY AND ANTIEPILEPTIC NEUROPROTECTIVE COMPOUND

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul> </li> </ul>	:C07D309/30,A61K31/366,A61P25/28 :P201001340 :13/10/2010 :Spain :PCT/ES2011/070705 :11/10/2011 :WO 2012/049346 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NEURON BIOPHARMA S.A.</li> <li>Address of Applicant :Parque Tecnol<sup>3</sup>gico de Ciencias de la Salud Avda. de la Innovaci<sup>3</sup>n nº 1 5<sup>a</sup> planta E 18100 Armilla Granada Spain</li> <li>(72)Name of Inventor : <ol> <li>BURGOS MU'OZ Javier Santos</li> <li>RAM REZ MORENO Carlos</li> <li>SIERRA VILA Saleta</li> <li>RAMOS MART N Mara del Carmen</li> <li>ALFARO S NCHEZ Juan Mara</li> <li>ADRIO FONDEVILA Jos Luis</li> </ol> </li> <li>7)VELASCO LVAREZ Javier</li> </ol></li></ul>
Filing Date		

(57) Abstract :

The present invention describes a compound of formula its hydroxy acid form, the pharmaceutically acceptable salts of said hydroxy acid and pharmaceutically acceptable prodrugs and solvates of the compound and of its hydroxy acid form and, in particular, said compound, its hydroxy acid form, salts, etc. for use in the prevention of: neurodegenerative diseases, cognitive impairment, diseases associated with undesired k oxidation, age-associated pathological processes and progeria, cardiovascular diseases such as atherosclerosis, atrial fibrillation, dyslipidemia, hypercholesterolemia, hyperlipidemia, and hypertriglyceridemia, inflammation or inflammatory processes, or epilepsy, epileptic seizures and convulsions.

No. of Pages : 76 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:12/897942 :05/10/2010 :U.S.A. :PCT/US2011/048731 :23/08/2011 :WO 2012/047389	<ul> <li>(71)Name of Applicant :</li> <li>1)PRAXAIR TECHNOLOGY INC. Address of Applicant :39 Old Ridgebury Road Danbury CT 06810 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CELIK Cem E.</li> <li>2)ACKLEY Mark W.</li> </ul>
(87) International Publication No		

(54) Title of the invention : RADIAL BED VESSELS HAVING UNIFORM FLOW DISTRIBUTION

#### (57) Abstract :

The present invention relates generally to radial flow vessels and processes to achieve even fluid flow distribution through the bed during purification separation or reaction processes. The radial bed vessel is designed such that the ratio of the cross sectional flow areas of the flow channels is in proportion to the ratio of the mass flow rates of the process gas with the proportionality constant between 0.7 and 1.4. In addition the channels each have a cross sectional flow areas such that the pressure change within each channel is less than or equal to 10% of the pressure drop across the bed of active material under the process operating conditions for the particular gas employed.

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

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (51) International classification :F04D29/38 (71)Name of Applicant : (31) Priority Document No 1)VALEO SYSTEMES THERMIQUES :1057871 (32) Priority Date Address of Applicant :8 rue Louis Lormand La Verri<sup>re</sup> F :29/09/2010 (33) Name of priority country 78320 Le Mesnil Saint Denis France :France :PCT/EP2011/063045 (72)Name of Inventor : (86) International Application No 1)HENNER Manuel Filing Date :28/07/2011 (87) International Publication No :WO 2012/041564 2) **DEMORY Bruno 3)TANNOURY Elias** (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 : PROPELLER FOR VENTILATOR WITH A VARIABLE BLADE ANGLE

#### (57) Abstract :

The wheel (1) according to the invention comprises a hub (3), a guide (4) and | blades (2) extending radially between the hub (3) and the guide (4), each 5 blade (2) comprising a root (6) at its junction with the hub (3) and a head (11) j i at the junction with the guide (4), each blade (2) having a leading edge (16) and a trailing edge (17) between which, at each flattened cross section, a j chord is defined. i 10 For each blade (2), in the radial direction from the root (6) to the head (11), the pitch angle between the chord (15) and the rotation axis of the wheel (9) varies and the variation in the pitch angle between the root (6) and the head (11) has a point of inflexion between a first level and a second level.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TIN OXIDE BASED THERMOELECTRIC MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:10189040.8 :27/10/2010 :EPO :PCT/US2011/054540 :03/10/2011 :WO 2012/057968 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>CORNING INCORPORATED</li> <li>Address of Applicant :1 Riverfront Plaza Corning New York</li> </ol> </li> <li>14831 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>NAZARALY Micaela</li> </ol> </li> </ul>
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(57) Abstract :

The present invention relates to a thermoelectric material comprising a zinc and tin based oxide doped with a metal selected from Ta and Nb. The invention also relates to a thermoelectric device comprising such a thermoelectric material and its use for waste heat recovery.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BIS AZO COLORANTS FOR USE AS BLUING AGENTS

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:PCT/US2010/053716 :22/10/2010 :WO 2010/151906 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MILLIKEN &amp; COMPANY</li> <li>Address of Applicant :920 Milliken Road M 495 Spartanburg</li> </ol> </li> <li>South Carolina 29303 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>MAHAFFEY Robert L.</li> <li>HONG Xiaoyong</li> <li>TORRES Eduardo</li> <li>VALENTI Dominick J.</li> <li>MIRACLE Gregory S.</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to bis azo colorants for use as bluing agents laundry care compositions comprising bis azo colorants that may serve as bluing agents processes for making such bluing agents and laundry care compositions and methods of using the same. The bluing agents are generally comprised of at least two components: at least one chromophore component and at least one polymeric component. These bluing agents are advantageous in providing a whitening effect to fabrics while not building up over time and causing undesirable blue discoloration to the treated fabrics.

No. of Pages : 62 No. of Claims : 12

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PRINT MEDIA COMPRISING LATEX INK FILM FORMING AID

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>a:B41M5/50,B41M5/40,B41M5/42</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> <li>:PCT/US2010/053961</li> <li>:25/10/2010</li> <li>:WO 2012/057732</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)Hewlett Packard Development Company L.P. Address of Applicant :11445 Compaq Center Drive W. Houston Texas 77070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZHOU Xiaoqi</li> <li>2)FU Xulong</li> <li>3)EDMONDSON David</li> </ul>
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(57) Abstract :

The present invention provides for a print media comprising an image receiving layer comprising a latex ink film forming aid. The present invention also provides for a method of forming an image using a latex ink and a print media coated with an image receiving layer comprising a latex ink film forming aid. The present invention also provides for a printed product comprising a latex ink printed on a print media comprising an image receiving layer comprising a latex ink film forming aid.

No. of Pages : 18 No. of Claims : 15

(21) Application No.3108/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:10 2010 043 160.5 :29/10/2010 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart </li> <li>Germany (72)Name of Inventor : 1)MUELLER Frank </li> </ul>
Number Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : FILLING DEVICE FOR FILLING A CONTAINER

(57) Abstract :

The invention relates to a filling device for filling a container in particular with a pharmaceutical liquid comprising a first filling unit (10) which carries out a partial filling of the container and only partially fills the container a second filling unit (11) which carries out final filling of the container and completely fills the container at least one scale (3) which weighs the empty container (21) the partially filled container (22) and the completely filled container (23) and a control unit (6) which is connected to the first filling unit (10) the second filling unit (11) and the scale (3) and is designed to control the first and second filling units (10 11) on the basis of the values of the weighing processes determined by the scale (3).

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : PRESSURE REGULATING VALVE		
<ul> <li>(54) The of the invention TRESSORE</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M63/00,F02M63/02 :102010043097.8 :29/10/2010 :Germany	<ul> <li>(71)Name of Applicant : <ul> <li>1)ROBERT BOSCH GMBH</li> <li>Address of Applicant :Postfach 30 02 20 70442 Stuttgart</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)MUSCI Michele</li> <li>2)GRUHL Helmar</li> <li>3)FERREIRA GONCALVES Paulo Jorge</li> </ul> </li> </ul>

#### (57) Abstract :

Proposed is a pressure regulating valve (10) for opening and closing an outlet of a high pressure accumulator (12) for an injection device for internal combustion engines. The pressure regulating valve (10) has a valve element (18) which can be actuated by a magnet actuator (17). The magnet actuator (17) acts by means of an armature (31) on a closing element (29) which closes off or opens up a hydraulic connection from the high pressure accumulator (12) to a valve chamber (26) wherein the valve chamber (26) is hydraulically connected to a low pressure port (15). The armature (31) has an armature plate (32) and an armature pin (33) wherein the armature plate (32) is arranged in a movable manner in an armature chamber (44). The armature chamber (44) is hydraulically connected via a return connection (50) to the valve chamber (26).

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

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR REDUCING A VOLTAGE RIPPLE ON THE BASIS OF ROTATIONAL NON UNIFORMITY OF A GENERATOR DRIVEN BY AN INTERNAL COMBUSTION ENGINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H02P9/10,H02J7/14,H02P9/48 :102010043095.1 :29/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH</li> <li>Address of Applicant :Postfach 30 02 20 70442 Stuttgart</li> </ul>
(33) Name of priority country	:Germany	Germany
(86) International Application No		(72)Name of Inventor :
Filing Date	:09/09/2011	1)HERBIG Ralf
(87) International Publication No	:WO 2012/055628	2)ROESNER Julian
(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 method for reducing a ripple caused by a rotational non uniformity of an internal combustion engine in the output voltage of a generator which is driven by the internal combustion engine and which has a stator winding a rotor winding a field regulator which is assigned to the rotor winding and has the purpose of regulating the output voltage of the generator and a power converter which is connected downstream and has controllable switching elements wherein in order to reduce the voltage ripple the output voltage of the generator is regulated on the stator side by correspondingly actuating the switching elements of the power converter.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : APPARATUS FOR CUTTING A PACKAGING MATERIAL FOR A PACKAGE

(51) International classification	:B29C65/08,B29C65/74,B26F1/20	(71)Name of Applicant :
(31) Priority Document No	:10 2010 043 090.0	1)ROBERT BOSCH GMBH
(32) Priority Date	:29/10/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/066121	(72)Name of Inventor : 1)IPPERS Juergen
Filing Date	:16/09/2011	2)WIEDUWILT Ulrich
(87) International Publication No	:WO 2012/055633	
(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 for cutting a packaging material (4) for a package comprising an ultrasonic welding device (2) that includes a sonotrode (3) and an anvil (5) for sealing the packaging material (4) the sonotrode (3) being rotatable about a first axis of rotation (X) and the anvil (5) being rotatable about a second axis of rotation (Y). The apparatus further comprises a cutting device (6) which includes at least one knife (7) for cutting the packaging material (4) and which is arranged within the anvil (5). The invention is characterized in that the knife (7) has a blade (8) with a cutting edge (28) that includes at least two tips (33 35) and at least two curved sections (22) interconnecting the two tips (33 35).

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

#### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHODS FOR ALTERING THE REACTIVITY OF PLANT CELL WALLS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:C12N15/82,C12N15/62,C12N5/10 :10013693.6	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER CROPSCIENCE NV</li> <li>Address of Applicant :J.E. Mommaertslaan 14 B 1831 Diegem</li> </ul>
(32) Priority Date	:15/10/2010	Belgium
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/004929 :30/09/2011	1)MEULEWAETER Frank 2)VANHOLME Bartel
(87) International Publication No	:WO 2012/048807	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and means are provided to produce positively charged oligosaccharides in the plant cell wall by introducing into said plant cell a Nodulation C protein fused to a heterologous Golgi signal anchor sequence.

No. of Pages : 93 No. of Claims : 28

(22) Date of filing of Application :05/04/2013

# (54) Title of the invention : SYNERGISTIC COMBINATIONS OF TRIAZOLES STROBILURINS AND BENZIMIDAZOLES USES FORMULATIONS PRODUCTION PROCESSES AND APPLICATIONS USING THE SAME

plicant : IICA DO BRASIL LTDA. pplicant :Galleria Plaza Av. Dr. Jos Bonificio ra 150 1° andar Jardim Madalena CEP : 13091
Brazil entor :
iis Donizete GARCIA Leandro os Eduardo
LIMA Antonio Roberta de F;tima
CAMARA Ricardo

#### (57) Abstract :

The present invention relates to an agrochemically synergistic formulation of triazoles strobilurins and benzimidazoles in specific propotions for controlling and/or combating plagues and diseases caused therefrom in vegetable cultures. Also described are their process of preparation use and method of use as well as the use of triazoles strobilurins and benzimidazoles in the preparation of the agrochemically synergistic formulation.

No. of Pages : 78 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS OF PREPARING A METAL NANOPARTICLE CONTAINING SILICONE COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08L83/04,C09D5/16 :61/388161 :30/09/2010 :U.S.A. :PCT/US2011/054343 :30/09/2011 :WO 2012/045004 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW CORNING CORPORATION <ul> <li>Address of Applicant :2200 West Salzburg Road Midland MI</li> </ul> </li> <li>48686 0994 U.S.A. </li> <li>(72)Name of Inventor : <ul> <li>1)LIU Nanguo</li> <li>2)DOWLAND Matt</li> <li>3)MEALEY Shawn Keith</li> </ul> </li> </ul>
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(57) Abstract :

This invention relates to methods for preparing metal nanoparticle containing silicone compositions such as silver nanoparticle containing compositions. The metal nanoparticles are prepared by reducing a soluble metal salt with an SiH containing material or other reducing material in an organic solvent. Silicone materials are added either before or after addition of the reducing agents. The organic solvent is then removed.

No. of Pages : 25 No. of Claims : 26

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPUTER SYSTEM FOR CALCULATING COUNTRY SPECIFIC FEES

(51) International classification	:G06F17/30,G06Q50/00,G06Q10/00	(71)Name of Applicant : 1)INOVIA HOLDINGS PTY LTD
(31) Priority Document No	:2010904178	Address of Applicant :Level 12 45 Clarence Street Sydney
(32) Priority Date	:16/09/2010	New South Wales 2000 Australia
(33) Name of priority country	y:Australia	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/AU2011/001178 :14/09/2011	1)SIMPSON Justin Ryan 2)SELVARAJ John Wilfred Adaikalam 3)MEYAPPAN Aarthy
(87) International Publication	<sup>1</sup> :WO 2012/034172	4)PATEL Dipti 5)RAY Sasmita
(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 computer systems for estimating foreign filing costs in particular to a computer implemented system for generating country specific fees. The computer system is designed to receive an industrial property (IP) identifier such as a patent number generate IP statistics corresponding to the IP identifier such as the number of words and pages in a patent specification generate a set of selected countries and for every selected country; identify a selected fee rule corresponding to that country and apply the selected fee rule to the IP statistics to calculate a country specific fee. The computer system preferably performs these steps in response to a single user action.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD OF PREPARING A DRY POWDER FROM A WATER BACTERIA EXTRACT CONCENTRATE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul></li></ul>	a :A61K9/48,A61K9/16,A61K38/01 :61/388304 :30/09/2010 :U.S.A. :PCT/US2011/054238 :30/09/2011 :WO 2012/044939 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GOLUB Emil Address of Applicant :2000 Atlantic Shores Blvd. Apt 416 Hallendale FL 33009 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GOLUB Emil</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

A method to produce a dry powder cancer treatment substance from a cultured bacterial growth in water includes the steps of culturing a desired bacterial growth in a solvent to produce a bacterial mass which is then homogenized to a homogenate. Solid particulates are then removed from the homogenate by passing the homogenate through a first filter. The filtered homogenate is collected and filtered through a second filter to remove high molecular weight chemicals from the solution. The homogenate is concentrated by separating the solvent from the homogenate yielding an extract to increase the solids content and produce a concentrated homogenate. The concentrated homogenate is dried to evaporate remaining solvent and transform the concentrated homogenate to a powder. The powder is encapsulated in individual capsules which in turn are packaged in blister packs.

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

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING CONTROL DATA FOR DYNAMICALLY ADJUSTING LIGHTING AND ADJUSTING VIDEO PIXEL DATA FOR A DISPLAY TO SUBSTANTIALLY MAINTAIN IMAGE DISPLAY QUALITY WHILE REDUCING POWER CONSUMPTION

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/CA2011/001072 :23/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ATI TECHNOLOGIES ULC Address of Applicant :1 Commerce Valley Drive East Markham Ontario L3T 7X6 Canada</li> <li>(72)Name of Inventor :</li> <li>1)DONG Hongfeng</li> <li>2)BAGSHAW Stephen</li> <li>3)CHEREPACHA Don</li> <li>4)GLEN David</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul>	:NA :NA	
Filing Date	:NA	

#### (57) Abstract :

System and method for providing control data for dynamically adjusting lighting and adjusting video pixel data for a display to substantially maintain image display quality while reducing power consumption. In accordance with one or more embodiments image statistics e.g. histogram data representing luma values corresponding to pixels for a video frame are analyzed to determine whether the pixels represent one or more of a plurality of images which includes an image containing primarily natural imagery an image containing primarily graphics imagery and an image containing a combination of at least respective portions of natural and graphics imagery. Based on such analysis control data are provided to enable light source brightness reduction by one of a plurality of percentages and pixel brightness increases e.g. in accordance with one of a plurality of multiple segment piecewise linear curves defined in accordance with respective segment slopes thresholds and threshold offsets in accordance with whether the incoming pixel data primarily represents a natural image primarily represents a graphics image or represents a combination of natural and graphics images.

No. of Pages : 31 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPOUNDS AS C MET KINASE INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:61/381995 :12/09/2010 :U.S.A. :PCT/US2011/051061 :09/09/2011 :WO 2012/034055 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ADVENCHEN LABORATORIES LLC Address of Applicant :887 Patriot Dr. Ste A Moorpark CA 93021 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHEN Guoqing Paul</li> </ul>
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#### (57) Abstract :

The present invention relates to compounds processes for their preparation pharmaceutical compositions containing them as active ingredient methods for the treatment of disease states associated with the inhibition of the protein tyrosine kinase activity of growth factor receptors such as c Met thereby making them useful as anticancer agents to their use as medicaments for use in the production of inhibition of tyrosine kinases reducing effects in warmblooded animals such as humans.

No. of Pages : 39 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : VTG CARTRIDGE OF AN EXHAUST GAS TURBOCHARGER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/US2011/051868 :16/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)BORGWARNER INC.</li> <li>Address of Applicant :Patent Department 3850 Hamlin Road</li> <li>Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)RAMB Thomas</li> <li>2)METZ Dietmar</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

The invention relates to a VTG cartridge  $(1 \ 2)$  of an exhaust gas turbocharger (2) comprising a blade bearing ring (3) and comprising a disk (4) which is spaced apart from the blade bearing ring (3) and together with the latter delimits a hot gas passage (5) wherein the disk (4) is constructed from at least two layers  $(6 \ 7 \ 6 \ 7)$  which bear loosely against one another in the assembled state of the disk (4).

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

#### (19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR PRODUCING WET GYPSUM ACCELERATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/US2011/056282 :14/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)UNITED STATES GYPSUM COMPANY Address of Applicant :550 West Adams Street Chicago Illinois 60661 3676 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GROZA Brent</li> <li>2)YU Qiang</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>l</sup> :NA :NA	

(57) Abstract :

The present invention relates to an improved method of preparing wet gypsum accelerator comprising the use of dry gypsum having a median particle size of about 20 microns or less. In addition the present invention relates to a method of hydrating calcined gypsum to form an interlocking matrix of set gypsum comprising the use of the dry gypsum. Furthermore the invention relates to wet gypsum accelerator and set gypsum containing compositions and products prepared by the foregoing process and method.

No. of Pages : 41 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(-)		
(51) International classification	:A47C1/00	(71)Name of Applicant :
(31) Priority Document No	:61/381979	1)MEYUHAS Gil
(32) Priority Date	:11/09/2010	Address of Applicant : Hagiborim 67 / 31 38380 Hadera Israe
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2011/000690	1)MEYUHAS Gil
Filing Date	:29/08/2011	
(87) International Publication No	:WO 2012/032505	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

### (54) Title of the invention : NATURAL BALANCE ACTIVE CHAIR

(57) Abstract :

A dynamic joint to serve as part of a chair where it is disposed between and fixedly attached to the seat and the base of the chair. The joint is operative to enable a person sitting on the chair to tilt the seat in any direction over a substantial angle by appropriate force from the person s pelvis and to similarly tilt the seat from any tilted position further in any direction. The Joint comprises a pair of attachment members and an elastomer body structurally linked with them. The elastomer body is formed so as to include the tilting axes close to the seat and so as to control the dynamic tilting characteristics. Also provided is a chair comprising said joint and an ergonomic seat for the chair enabling the person to sit safely and comfortably while tilting the seat. Configuration of the chair as an excercise device is described.

No. of Pages : 31 No. of Claims : 33

### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ENDPOINT TAQMAN METHODS FOR DETERMINING ZYGOSITY OF COTTON COMPRISING CRY1F EVENT 281 24 236

(51) International classification	:C12Q1/68,A01H5/00	(71)Name of Applicant :
(31) Priority Document No	:61/390858	1)DOW AGROSCIENCES LLC
(32) Priority Date	:07/10/2010	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/055128	(72)Name of Inventor :
Filing Date	:06/10/2011	1)CHEN Wei
(87) International Publication No	:WO 2012/048124	2)MARCHIONE Wesley
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for zygosity analysis of the cotton Cry1F event 281 24 236 is provided. The method provides 281 24 236 event specific and cotton endogenous reference gene specific primers and TaqMan probe combinations for use in an endpoint biplex TaqMan PCR assay capable of determining event zygosity and for assisting in event introgression and breeding.

No. of Pages : 46 No. of Claims : 20

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PRODUCING REGENERATED CLAY REGENERATED CLAY AND METHOD FOR PRODUCING PURIFIED FATS AND OILS

	n:C11B13/04,C01B33/40,C11B1/10	
(31) Priority Document No	:2010255208	1)The Nisshin OilliO Group Ltd.
(32) Priority Date	:15/11/2010	Address of Applicant :23 1 Shinkawa 1 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048285 Japan
(86) International Application	:PCT/JP2011/072730	(72)Name of Inventor :
No	:03/10/2011	1)NEGISHI Satoshi
Filing Date	.03/10/2011	2)TOKUNAGA Kunihiko
(87) International Publication No	:WO 2012/066860	3)ITOU Hitoshi 4)KAWANOBE Yumi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)ITAGAKI Hiroyuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method for performing regeneration of a decolorization capacity of waste clay that has been used for purification of fats and oils iff £ V 5 and production of a thermally recyclable compound as a biofuel from oily ingredients in the waste clay at the same time in a convenient manner. That is, a method for producing purified fats and oils of the invention includes: a method for producing regenerated clay including the steps of mixing waste clay that has been used for purification of fats and oils, lower alcohol, and an acidic catalyst; and performing extraction of oily ingredients 10 from the waste clay, and an esterification reaction between the fats and oils and/or a free fatty acid in the oily ingredients and the lower alcohol at the same time so as to regenerate a decolorization capacity of the waste clay; regenerated clay that is produced by the method for producing the regenerated clay; and a process of decolorizing the fats and oils using the regenerated clay.

No. of Pages : 75 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :05/04/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : COMBUSTI	ON HEATING SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F23D14/02,F23D14/66 :2010247371 :04/11/2010 :Japan :PCT/JP2011/075184	<ul> <li>(71)Name of Applicant :</li> <li>1)IHI Corporation <ul> <li>Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>(72)Name of Inventor :</li> </ul> </li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:01/11/2011 :WO 2012/060377 :NA :NA :NA :NA	1)SATOH Kimiyoshi

(57) Abstract :

A combustion-heating system includes a plurality of combustion heaters a&% ft C KPft W\9 connected to each other, a combustion heater including: a heating plate; an arrangemftM 5 plate; an annular outer peripheral wall; a partition plate; a combustion chamber in which fuel gas collides with a flame-holding part constituting part of the outer peripheral wall, and thereby holding flames; an inflow path through which the fuel gas flows into the combustion chamber; and an outflow path through which exhaust gas flows from the combustion chamber to ward the outside thereof, the outflow path to preheat the fuel gas 10 by heat of the exhaust gas through the partition plate. The combustion-heating system includes a communication path communicating combustion chambers thereof with each other. The flame-holding part and the communication path are provided in series in a direction in which the heating plate and the arrangement plate face to each other.

No. of Pages : 37 No. of Claims : 5

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHODS OF MAKING L ORNITHINE PHENYL ACETATE

classification (31) Priority Document No : (32) Priority Date : (33) Name of priority country : (86) International Application No Filing Date : (87) International Publication No (61) Patent of Addition to Application Number Filing Date : (62) Divisional to	:C07C227/18,C07C229/26,C07C57/46 :61/390585 :06/10/2010 :U.S.A. :PCT/US2011/054983 :05/10/2011 :WO 2012/048043 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OCERA THERAPEUTICS INC. Address of Applicant :12651 High Bluff Drive Suite 230 San Diego CA 92130 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ANDERSON Keith H.</li> <li>2)BEHLING Jim</li> <li>3)DOUGAN Christine Henderson</li> <li>4)WATT Stephen William</li> <li>5)MANINI Peter</li> <li>6)FIGINI Attilia</li> </ul>
Application Number :	:NA :NA	

(57) Abstract :

Disclosed herein are processes for making L ornithine phenyl acetate. The process may include for example intermixing a halide salt of L ornithine with silver phenyl acetate. The process may also include forming a phenyl acetate salt. The present application also relates to various compositions obtained from these processes including crystalline forms.

No. of Pages : 64 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : WELL DRILLING SUCKER ROD PUMP			
(51) International classification	:F04B47/00,F16K31/18	(71)Name of Applicant :	
(31) Priority Document No	:2010139960	1)GABDULLIN Rivener Musavirovich	
(32) Priority Date	:29/09/2010	Address of Applicant :3 rd Mitinsky pereulok 5 231 Moscow	
(33) Name of priority country	:Russia	125368 Russia	
(86) International Application No	:PCT/RU2011/000697	(72)Name of Inventor :	
Filing Date	:12/09/2011	1)GABDULLIN Rivener Musavirovich	
(87) International Publication No	:WO 2012/044200		
(61) Patent of Addition to Application	:NA		
Number	:NA :NA		
Filing Date	INA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

## (57) Abstract :

The invention relates to the oil producing industry and can be used for extracting oil with a large content of gas in the liquid being pumped out. The well drilling sucker rod pump comprises a cylinder containing a hollow plunger in the lower part of which a delivery valve is mounted. An inlet valve is mounted in the lower part of a pump chamber. The pump is equipped with a passageway having a floating valve which has a cut off floating element and a seat arranged above the latter. The cylinder is stepped on the internal surface side and the passageway having the cut off floating element is formed in the lower part of a smaller cylinder step above the pump chamber. One passageway opening is connected to the upper part of the pump chamber and the other passageway opening is connected to the well. As a result the pump efficiency is increased and gas generation in the pump chamber is reduced.

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

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CHROMATOGRAPHY MEMBRANES FOR THE PURIFICATION OF CHIRAL COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:61/382543 :14/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)NATRIX SEPARATIONS INC. Address of Applicant :5295 John Lucas Drive Unit 6 Burlington ON L7L 6A8 Canada</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/US2011/051364 :13/09/2011	1)KOMKOVA Elena N. 2)RAGHEB Amro 3)HONEYMAN Charles H.
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

Described herein are composite materials and methods of using them for the separation or purification of enantiomers. In certain embodiments the composite material comprises a support member comprising a plurality of pores extending through the support member; and a macroporous cross linked gel comprising a plurality of macropores and a plurality of pendant chiral moieties. In certain embodiments the composite materials may be used in the separation or purification of a chiral small molecule.

No. of Pages : 68 No. of Claims : 59

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : CRYSTALLINE FORMS OF AN ALKOXYIMIDAZOL 1 YLMETHYL BIPHENYL CARBOXYLIC ACID

(87) International Publication No:WO 2012/064807(61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Application Number Filing Date:NA :NA	Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:C07D233/70,A61K31/4174,A61P9/00 :61/412011 :10/11/2010 :U.S.A. :PCT/US2011/059895 :09/11/2011 :WO 2012/064807 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THERAVANCE INC.</li> <li>Address of Applicant :901 Gateway Boulevard South San</li> </ol> </li> <li>Francisco California 94080 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>FATHEREE Paul R.</li> <li>THALLADI Venkat R.</li> </ol> </li> </ul>
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(57) Abstract :

The invention provides crystalline salt forms of 4 {2 ethoxy 4 ethyl 5 [( 2 mercapto 4 methylpentanoylamino)methyl] imidazol 1 ylmethyl} 3 fluorobiphenyl 2 carboxylic acid. This invention also provides pharmaceutical compositions comprising the crystalline compounds processes and intermediates for preparing the crystalline compounds and methods of using the crystalline compounds to treat diseases such as hypertension.

No. of Pages : 64 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : IMPROVEMENT TO NOISE ATTENTUATOR DEVICES FOR TYRES (51) International classification :B60C11/04,B60C11/12 (71)Name of Applicant : 1)COMPAGNIE GENERALE DES ETABLISSEMENTS (31) Priority Document No :1058392 (32) Priority Date :14/10/2010 MICHELIN (33) Name of priority country :France Address of Applicant :12 cours Sablon F 63000 Clermont (86) International Application No :PCT/EP2011/067939 Ferrand France Filing Date :13/10/2011 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (87) International Publication No :WO 2012/049274 (72)Name of Inventor : (61) Patent of Addition to Application **1)BERVAS Patrick** :NA Number 2)FAURE Jean Claude :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

Tyre comprising a tread (1) having at least one generally circumferentially orientated groove (3) and a plurality of raised elements (21 22) each of these raised elements comprising a contact face (11) of transverse width Lt and side walls (210) at least one raised element being provided with a plurality of resonant noise attenuating devices each device comprising a cavity (4) of elongate shape having a total volume Vc and opening onto a sidewall (210) this cavity (4) having a total length Lc which is greater than the transverse width Lt of the raised element and a geometry comprising several cavity parts (40 41 42 43 44 45) joined together the length Lc being equal to the sum of the lengths of all the cavity parts each cavity (4) being extended over its entire length Lc by an incision (5) extending radially outwards to open onto the tread surface this tread being such that the sum Ly of the lengths projected in the transverse direction of each cavity is at least 1.5 times greater than the sum Lx of the lengths projected in the circumferential direction of each cavity.

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B65D43/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 038024.5	1)ARDAGH MP GROUP NETHERLANDS B.V.
(32) Priority Date	:06/10/2010	Address of Applicant :Zutphenseweg 51 NL 7418 AH
(33) Name of priority country	:Germany	Deventer Netherlands
(86) International Application No	:PCT/IB2011/054360	(72)Name of Inventor :
Filing Date	:04/10/2011	1)KLOSS Uwe
(87) International Publication No	:WO 2012/046187	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : CONTAINER BODY END WITH RELIABLE SEALING

(57) Abstract :

The invention relates to a container having a closure between an open body end (27) of a container body (1) and the edge region of a cover which can be pressed sealingly into the open body end. The cover has a seal (4) in an edge region. The body end (27) is bent over outwardly through  $180^{\circ}$  with a smallest possible radius corresponding to the sheet metal thickness. The bent over portion (27) has a first sub portion (3) bearing directly against the outer surface of the container body. The end of this first portion (3) is outwardly bent over radially to the container axis and then bent over axially downwards so as to form two further sub portions (8 11).

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : IMPROVED ETHYLENE SEPARATION (51) International classification :C08F6/00,B01D53/00,C08F10/02 (71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP (31) Priority Document No :12/905966 (32) Priority Date :15/10/2010 Address of Applicant :10001 Six Pines Drive The Woodlands (33) Name of priority country :U.S.A. Texas 77380 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/055923 1)HOTTOVY John D No :12/10/2011 Filing Date 2)CYMBALUK Ted (87) International Publication :WO 2012/051268 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A polyethylene production process comprising contacting ethylene and a polymerization catalyst under suitable reaction conditions to yield a polymerization product stream separating a light gas stream from the polymerization product stream wherein the light gas stream comprises ethane and unreacted ethylene contacting the light gas stream with an absorption solvent system wherein at least a portion of the ethylene from the light gas stream is absorbed by the absorption solvent system removing unabsorbed gases of the light gas stream from contact with the absorption solvent system to form a waste gas stream and recovering ethylene from the absorption solvent system.

No. of Pages : 47 No. of Claims : 21

(21) Application No.3112/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : USE OF MONASCUS IN ORGANIC ACID PRODUCTION

(3 (3 (3 (3 (3 (3) (3) (3) (3) (3) (3) (	<ol> <li>Priority Document No</li> <li>Priority Date</li> <li>Name of priority country</li> <li>International Application</li> <li>Filing Date</li> <li>International Publication</li> </ol>	:PCT/EP2011/068968 :28/10/2011 :WO 2012/055996 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOTAL RAFFINAGE MARKETING Address of Applicant :24 CRS Michelet F 92800 Puteaux</li> <li>France</li> <li>(72)Name of Inventor :</li> <li>1)WEUSTHUIS Ruud Alexander</li> <li>2)WOLBERT Emil Johan Harald</li> <li>3)SPRINGER Jan</li> <li>4)VAN DER OOST John</li> <li>5)EGGINK Gerrit</li> </ul>
	<ul><li>Divisional to Application</li><li>umber</li><li>Filing Date</li></ul>	:NA :NA	

(57) Abstract :

MonascusThe present invention provides tools and methods for producing organic acids using strains of which are tolerant to high organicacid concentrations at low pH.

No. of Pages : 69 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND APPARATUS TO PROVIDE AN ECOSYSTEM FOR MOBILE VIDEO (51) International classification :G06F3/00 (71)Name of Applicant : (31) Priority Document No 1)SYNIVERSE TECHNOLOGIES LLC. :61/383287 (32) Priority Date Address of Applicant :8125 Highwoods Palm Way Tampa FL :15/09/2010 (33) Name of priority country 33647 UNITED STATES OF AMERICA U.S.A. :U.S.A. (86) International Application No :PCT/US2011/051832 (72)Name of Inventor : 1)TIWARI Abhishek Filing Date :15/09/2011 (87) International Publication No :WO 2012/037400 2)FLEMING Jonah Kaj (61) Patent of Addition to Application 3)VALE Alan Michael :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method or apparatus to provide a video ecosystem is described. The video ecosystem in one embodiment permits live video streaming between users on different platforms carriers and/or devices.

No. of Pages : 88 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : BUBBLE CONTAINING FAT AND OIL CONFECTIONARY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:2010208812 :17/09/2010 :Japan :PCT/JP2011/071071 :15/09/2011	<ul> <li>(71)Name of Applicant : <ol> <li>Meiji Co. Ltd.</li> <li>Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo</li> </ol> </li> <li>1368908 Japan</li> <li>(72)Name of Inventor : <ol> <li>UTSUNOMIYA Hiroyuki</li> <li>TANAKA Masamitsu</li> <li>NAGASHIMA Yuka</li> <li>TAKANORI CHIWATA</li> </ol> </li> </ul>
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(57) Abstract :

Provided is a bubble containing fat and oil confectionary provided not with a conventional shell type or tapered shape but with any novel shape of a uniform thickness such as a three dimensional shape or a cuboid with the top bottom and side surfaces thereof all perpendicular or an animal or flower shape and with a light texture and a sharp melt in the mouth sensation that does not require alignment when packaging. The confectionary can be obtained by aerating a chocolate or other fat or oil confectionary raw material with an oil content of 30 60 wt% such that the specific gravity is 0.5 1.0 and then cutting and separating same with a heat ray cutter such that the side surfaces are perpendicular to the top and bottom surfaces.

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LUBRICATING DEVICE HAVING A BYPASS VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:F01D25/20,F01D25/32,F02C7/06 :1058550 :20/10/2010 :France :PCT/FR2011/052365 :11/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TURBOMECA <ul> <li>Address of Applicant :F 64510 Bordes France</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)DETRY Sbastien</li> <li>2)CAZAUX Yannick</li> <li>3)DESCUBES Olivier Pierre</li> </ul> </li> </ul>
(87) International Publication No	:WO 2012/052658	
(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 lubricating device (5) comprising a bypass valve (9) having an inlet (IN) connected to a supply circuit (7) a first outlet (M) capable of being connected to elements to be lubricated and a second outlet (BP) connected to a bypass circuit (8). The bypass valve (9) comprises a valve (14) housed in a cavity (15) of the bypass valve (9) dividing the cavity (15) into a first chamber (16) and a second chamber (17). The first chamber (16) is connected to the inlet (IN) and the valve (14) is capable of sliding between a first position and a second position in accordance with difference in pressure between the two chambers (16 17) wherein an actuator (26) returns the valve (14) toward the first position thereof. In the first position a fluid passage from the first chamber (16) to the second outlet (BP) is open and a fluid passage from the first chamber (16) to the first outlet (N) is closed. In the second position the valve (14) to the second position the valve (14) substantially sealingly separates said first and second chambers (16 17) while the second chamber (17) remains in fluid communication with the second outlet (BP).

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : HOLLOW CONFECTIONARY AND METHOD FOR MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:2010234488 :19/10/2010 :Japan :PCT/JP2011/074014 :19/10/2011 :WO 2012/053536 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTSUKA PHARMACEUTICAL CO. LTD. Address of Applicant :9 Kanda Tsukasamachi 2 chome Chiyoda ku Tokyo 1018535 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMADA Kaoru</li> </ul>
Filing Date	:NA	

(57) Abstract :

The present invention provides a food item which can absorb all of the nutrients of soybeans has no soybean odor has a good flavor is easy to eat can raise soybean content and can be eaten by people of all ages. The hollow confectionary of the preset invention is obtained by baking dough containing soybean flour starch and pregelatinized starch.

No. of Pages : 42 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PRESSURE REGULATING VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(63) Date</li> </ul>	02M63/00 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)GRUHL Helmar
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### (57) Abstract :

The invention relates to a pressure regulating valve for opening and closing a drain of a high pressure accumulator (12) for an injection device for an internal combustion machine. The pressure regulating valve comprises a valve element (18) having a closing element (29) and a magnetic actuator (17) having an armature (32) wherein the armature (32) acts on the closing element (29) which closes or opens a hydraulic connection from the high pressure accumulator (12) to a valve chamber (26). The armature (32) comprises an armature plate (33) and an armature pin (34) wherein the armature pin (34) is axially guided in a valve housing (20). The armature pin (34) is implemented in two parts and has a transfer rod (51) and a pressure piece (52). The pressure piece (52) is disposed on the transfer rod (51) in a radially displaceable manner at an axial offset V.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPUTER SYSTEM DATA PROCESSING METHOD AND DATA PROCESSING PROGRAM (51) International classification :G06F11/18 (71)Name of Applicant : 1)HITACHI LTD. (31) Priority Document No :NA Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku (32) Priority Date :NA (33) Name of priority country Tokyo 1008280 Japan :NA :PCT/JP2011/056972 (72)Name of Inventor : (86) International Application No Filing Date :23/03/2011 1)TAKADA Aritoki (87) International Publication No :WO 2012/127652 (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 computer system wherein a plurality of tasks are executed by a plurality of computers in synchronization. The system is made so that a leader computer and follower computers are to execute the same task. The leader computer generates first output data on the basis of a first access request requested by a first task and makes inquiries to the follower computers whether or not a first execution result was correct and determines that the first output data was correct upon receiving responses from a prescribed number of the follower computers that the result was correct. Each of the follower computers generates second output data on the basis of a second access request requested by a second task which is a task that executes the same processing as the first task receives an inquiry from the leader computer evaluates whether the first execution result and the second output data are the same and when the result of the evaluation is affirmative sends a response to the leader computer to the effect that the first output data was correct.

No. of Pages : 74 No. of Claims : 7

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : BIOMASS DERIVED POLYESTER SHORT FIBERS AND WET NONWOVEN FABRIC FORMED FROM SAME

### (57) Abstract :

The present invention addresses the problem of providing: short fibers that are suitable for the production at a reduced environmental burden of a wet nonwoven fabric having superior adhesive strength and heat resistance; a method for producing the same; and a nonwoven fabric that uses these short fibers. This problem can be solved by means of: a fine undrawn yarn having excellent binder performance; a fine drawn yarn of a level not previously seen; and a polyalkylene terephthalate or polyalkylene naphthalate short fiber wet nonwoven fabric which has excellent adhesive strength and heat resistance and is obtained by blending and thermal compression bonding these undrawn and drawn yarns using a specific biomass derived carbon ratio fineness fiber length and weight ratio of drawn short fibers in the wet nonwoven fabric.

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : REMOTE CONTROL FOR A VEHICLE AND SYSTEM INCLUDING A VEHICLE AND A REMOTE CONTROL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G08C17/02,G07C9/00 :10 2010 049 183.7 :21/10/2010 :Germany :PCT/EP2011/004871 :29/09/2011 :WO 2012/052109 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 East 32nd Street Holland MI 49423 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MARCHAL Laurent</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a remote control for a vehicle in particular an electronic key for a vehicle including a transmitter and a control member wherein the transmitter is controlled by the control member and can be operated in a first operation mode and in a second operation mode the first operation mode of the transmitter corresponding to the transmission of electromagnetic signals having a first amplitude and the second operation mode corresponding to the transmission of electromagnetic signals having a second amplitude.

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

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : WATER BASED COATING COMPOSITIONS AND SYSTEMS WITH IMPROVED SAG RESISTANCE AND RELATED METHODS

(61) Patent of Addition to       :NA         Application Number       :NA         Filing Date       :NA         (62) Divisional to Application       :NA         Number       :NA	<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:U.S.A. :PCT/US2011/057010 :20/10/2011 :WO 2012/121760 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>VALSPAR SOURCING INC.</li> <li>Address of Applicant :P.O. Box 1461 Minneapolis Minnesota</li> </ol> </li> <li>55440 U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>BEAUDRY Channing</li> <li>ZHANG Feng</li> <li>PREVOST James</li> </ol> </li> </ul>
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### (57) Abstract :

The present invention provides a water based coating and/or coating system that can be used to form sag resistant wet layers or coatings on a wide range of substrates. The coating system is particularly effective for protecting metal containing substrates such as intermodal cargo containers against corrosion. As an overview the present invention provides water based compositions suitable to form primer coats on substrates. Desirably the primer incorporates a high level of one or more CAS agents for excellent sag resistance while drying in a broad range of relative humidity environments. Alternatively modifications can be made to control temperature and humidity during spray application and drying as a way to increase sag resistance of the coating.

No. of Pages : 48 No. of Claims : 25

(21) Application No.3186/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHODS OF PROCESSING USING SILICATE FREE DEVELOPER COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) International Publication No</li> <li>(36) Potent of Addition to</li> <li>(37) International Publication No</li> <li>(38) NA</li> <li>(37) International Publication No</li> <li>(38) International Publication No</li> <li>(39) International Publication No</li> <li>(30) International Publication No</li> <li>(31) Publication No</li> <li>(32) Publication No</li> <li>(33) Na</li> <li>(34) International Publication No</li> <li>(36) International Publication No</li> <li>(36) International Publication No</li> <li>(37) International Publication No</li> <li>(38) International Publication No</li> <li>(38) International Publication No</li> <li>(38) International Publication No</li> <li>(39) International Publication No</li> <li>(39) International Publication No</li> <li>(31) International Publication No</li> <li>(3</li></ul>	1)LEVANON Moshe
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### (57) Abstract :

A method is used to prepare lithographic printing plates by developing positive working lithographic printing plate precursor that has a single imageable layer that comprises a polymer binder having recurring units represented by Structure (lb) below: wherein the recurring units of Structure (lb) are present in an amount of at least 25 and up to and including 60 mol % all based on total recurring units in the polymer binder and R2 is a substituted or unsubstituted hydroxyaryl group in which the hydroxyl group is ortho to the ester linkage to form exposed and non exposed regions in the imageable layer. The resulting imaged lithographic printing plate is developed using a silicate free developer composition having a pH of at least 12 and comprising at least 0.001 gram atom/kg of a metal cation M selected from the group consisting of barium calcium strontium and zinc cations.

No. of Pages : 51 No. of Claims : 15

(19) INDIA(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PATIENT MATCHED INSTRUMENTATION AND METHODS

(51) International classification	:A61B17/16,A61B17/56,A61B17/32	(71)Name of Applicant : 1)SMITH & NEPHEW INC.
(31) Priority Document No	:61/393175	Address of Applicant :1450 Brooks Road Memphis Tennessee
(32) Priority Date	:14/10/2010	38116 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/056380 :14/10/2011	1)WILKINSON Zachary Christopher 2)MCKINNON Brian W. 3)MEHL David Timothy
(87) International Publication No	<sup>1</sup> :WO 2012/051542	4)GIBSON Luke Andrew 5)LASTER Scott Kennedy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A patient matched cutting block including a surface or point contact features adapted to at least partially conform to or reference a patient specific anatomy. The cutting block having guide slots configured for guiding the movement of cutting tools relative to the patient specific anatomy or features configured to mate to and guide standard cutting guides relative to patient specific anatomy in order to form plateau and eminence resections of the patient specific anatomy.

No. of Pages : 99 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/04/2013

### (43) Publication Date : 14/11/2014

:A61K9/127,A61K38/28	(71)Name of Applicant :
:61/448556	1)SENSULIN LLC
:02/03/2011	Address of Applicant :840 Research Parkway Suite 507
:U.S.A.	Oklahoma City OK 73104 U.S.A.
:PCT/US2012/027579	2)BOARD OF REGENTS OF THE UNIVERSITY OF
:02/03/2012	TEXAS SYSTEM
:WO 2012/119117	(72)Name of Inventor :
	1)ANNAPRAGADA Ananth
	2)DASGUPTA Indrani
:NA	3)TANIFUM Eric
:NA	4)SRIVASTAVA Mayank
:NA	5)ANALOUI Mostafa
	:61/448556 :02/03/2011 :U.S.A. :PCT/US2012/027579 :02/03/2012 :WO 2012/119117 :NA :NA :NA

### (54) Title of the invention : VESICLE COMPOSITIONS

(57) Abstract :

Vesicle compositions are provided that comprise a therapeutic compound. The vesicle compositions may be capable of releasing the therapeutic compound in response to the presence of an external trigger. The vesicle compositions may comprise a plurality of biocompatible vesicles. The biocompatible vesicles may comprise a therapeutic compound for treatment of a patient in need thereof and one or more cross linkages between two or more of the biocompatible vesicles each cross linkage comprising a chemical sensing moiety and a sensed moiety. In some embodiments the therapeutic compound may be any compound that provides palliative curative or otherwise beneficial effects to a patent.

No. of Pages : 52 No. of Claims : 22

(22) Date of filing of Application :10/04/2013

(54) Title of the invention : MOSQUITO TRAP

(43) Publication Date : 14/11/2014

(• )) (• (•		
(51) International classification	:A01M1/02,A01M1/10	(71)Name of Applicant :
(31) Priority Document No	:61/410382	1)NISUS CORPORATION
(32) Priority Date	:05/11/2010	Address of Applicant :100 Nisus Drive Rockford TN 37853
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/057477	(72)Name of Inventor :
Filing Date	:24/10/2011	1)LLOYD Jeffrey D.
(87) International Publication No	:WO 2012/061064	2)KINTZ EARLY Janet
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The present disclosure provides a mosquito trap (1) which includes a mosquito trap enclosure (12) having at least one sidewall (16) and an interior space (20) within the enclosure (12). A combination of water and biomass (22) which is attractive to mosquitoes is located within the enclosure interior space (20). The trap (10) also includes at least one entry point (24) formed in the enclosure sidewall (24) allowing mosquitoes to enter the enclosure (12). In addition the trap (10) includes a conduit (26) having a first opening (28) which is connected to the enclosure entry point (24) and a second opening (30) which is located within the enclosure interior space (20). The training the combination of water and biomass (22) without spillage if the enclosure (12) is overturned.

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

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD FOR CULTURING MIXOTROPHIC SINGLE CELL ALGAE IN THE PRESENCE OF A DISCONTINUOUS PROVISION OF LIGHT IN THE FORM OF FLASHES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:C12N1/12,C12N13/00,C12P7/64 :1057380 :15/09/2010 :France :PCT/FR2011/052114 :15/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)FERMENTALG Address of Applicant :4 rue Rivi¨re F 33500 Libourne France</li> <li>(72)Name of Inventor :</li> <li>1)CALLEJA Pierre</li> </ul>
(87) International Publication No	:WO 2012/035262	
(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 novel method for culturing mixotrophic single cell algae which makes it possible to enrich the lipid content of these algae said enrichment being induced by a variable or discontinuous provision of light in particular in the form of flashes.

No. of Pages : 20 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SCREW EXPANSION POWER GENERATION DEVICE (51) International classification :F01C13/00,F01C21/10,F01C1/16 (71)Name of Applicant : 1)SHANGHAI POWER TECH SCREW MACHINERY CO. (31) Priority Document No :201010548665.8 (32) Priority Date :16/11/2010 LTD. (33) Name of priority country :China Address of Applicant :No.851 Feidu Road Heavy Equipment (86) International Application Industry Zone Lingang New City Pudong District Shanghai :PCT/CN2010/079285 No 201306 China :30/11/2010 Filing Date (72)Name of Inventor : (87) International Publication 1)TANG Yan :WO 2012/065319 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract :

A screw expansion power generation device is disclosed, applicable to an Organic Rankin Cycle (ORC). The power generation device includes a semi-sealed or fully sealed shell. The shell includes an expander cavity and a generator cavity. The expander cavity is not in communication with the generator cavity. A screw expander is disposed in the expander cavity, and a generator is disposed in the generator cavity. A rotor of the screw expander is fixedly connected to a rotor of the generator. The power generation device drives the generator to generate power through rotation of the rotor of the screw expander. A liquid refrigerant injection inlet and a refrigerant outlet are - disposed on the generator cavity. The generator is cooled through evaporation of a liquid refrigerant. The screw expansion power generation device of the present invention is semi-sealed or fully sealed. The screw expander and the generator are disposed in the shell as a whole. The generator may be a synchronous generator or an asynchronous generator, thereby preventing leakage of the refrigerant when the screw expansion generator generates power.

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

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ANTIDIABETIC ENOLIC GLUCOSIDE OF PHENYLPYRUVIC ACID

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:C07H15/18,A61K31/7028,A61P3/10 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ZADEC APS</li> <li>Address of Applicant :Boege Alle 5 DK 2970 Hoersholm</li> </ul>
(32) Priority Date	:NA	Denmark
(33) Name of priority country	:NA	(72)Name of Inventor : 1)JOUBERT Elizabeth
(86) International Application No Filing Date	:PCT/EP2010/065052 :07/10/2010	2)FEY Stephen John 3)LOUW Johan 4)ULVEN Trond
(87) International Publication No	:WO 2012/045363	5)TYAGI Rahul
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided an antidiabetic enolic glucoside of phenylpyruvic acid and derivatives thereof for use as medicaments especially normoglycemic agents i.e. for lowering blood glucose levels to normal levels in mammals that are obese pre diabetic or have diabetes obesity and/or syndrome X.Hence the compounds of the present invention help to manage blood sugar levels i.e. helping the body by balancing the blood sugar levels; helping to keep balanced blood glucose levels particularly in humans with diabetes; aiding by enhancing the glucose uptake by the cells and by reducing sugar levels thus improving or restoring the glucose tolerance; optimizing the glucose tolerance.

No. of Pages : 78 No. of Claims : 21

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : IMPROVED DIETARY SUBSTITUTION FOR TREATING OR PREVENTING CANCER

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> </ul>	:A61K33/14,A61K33/00,A61K31/198 :20105970 :21/09/2010 :Finland	<ul> <li>(71)Name of Applicant :</li> <li>1)OY NEUROFOOD AB</li> <li>Address of Applicant :c/o Oy Julius Tallberg AB</li> <li>Suomalaistentie 7 FI 02270 Espoo Finland</li> <li>(72)Name of Inventor :</li> <li>1)TALL PEPC Therman</li> </ul>
country (86) International Application No Filing Date (87) International Publication No	:PCT/FI2011/050784 :13/09/2011 :WO 2012/038590	1)TALLBERG Thomas
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA	

(57) Abstract :

The present invention relates to improved bio immunotherapy of cancer especially prostate breast or cervix cancer. The invention provides an improved dietary supplement composition comprising rubidium in combination with other trace elements amino acids vitamins and neurogenic lipids.

No. of Pages : 15 No. of Claims : 17

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CLUTCH BEARING ELECTROMAGNETIC CLUTCH AND TRANSPORT REFRIGERATION UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F16C33/62,F16C33/30,F16D27/112 :61/390731 :07/10/2010 :U.S.A. :PCT/US2011/053584	<ul> <li>(71)Name of Applicant :</li> <li>1)CARRIER CORPORATION <ul> <li>Address of Applicant :1 Carrier Place Farmington Connecticut</li> </ul> </li> <li>06034 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)WHITE Brian Tyler</li> <li>2)TORLAI David R.</li> </ul> </li> </ul>
Filing Date (87) International Publication	:28/09/2011 <sup>n</sup> :WO 2012/047688	
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

A clutch bearing (34) for a transportation refrigeration unit includes one or more rolling elements (38) supportive of one or more components of an electromagnetic clutch for a transportation refrigeration unit and a plurality of bearing races (36) configured to retain the one or more rolling elements. The bearing races include a coating of thin dense chromium to reduce corrosion and/or damage of the clutch bearing. A transportation refrigeration unit includes a power source (12) and a blower (32) of the transportation refrigeration unit. An electromagnetic clutch (14) is operably connected to the power source and the blower (132) and includes a rotor (16) positioned at a central axis and an armature (18) positioned at the central axis and having an axial air gap (22) to the rotor when the clutch is in a disengaged position. A clutch bearing is located at the central axis and is supportive of the rotor.

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MAGNESIUM RECOVERY METHOD AND MAGNESIUM RECOVERY APPARATUS

(32) Priority Date       :10/09/2010       Action         (33) Name of priority country       :Japan       13587         (86) International Application No       :PCT/JP2011/070236       (72)Na         Filing Date       :06/09/2011       1)IW         (87) International Publication No       :WO 2012/033083       2)Al	(1) <b>IHI Corporation</b> Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo 58710 Japan 2) <b>Name of Inventor :</b> 1) <b>IWAMOTO Tatsushi</b> 2) <b>AKAMINE Kenichi</b> 3) <b>OKUYAMA Junichi</b>
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### (57) Abstract :

In this magnesium recovery method and this magnesium recovery apparatus anodically electrolyzed water (7a) and cathodically electrolyzed water (7b) both generated by the electrolysis of seawater are separated from each other an alkaline material is introduced into the anodically electrolyzed water to adjust the pH value of the anodically electrolyzed water magnesium is allowed to precipitate in the cathodically electrolyzed water in the form of magnesium hydroxide and is then recovered the pH adjusted anodically electrolyzed water and the cathodically electrolyzed water after the fixing of a carbonate salt are joined together and the joined solution is adjusted to the same pH value as that of seawater and is then discharged. In this manner magnesium can be recovered from seawater while minimizing an environmental load.

No. of Pages : 27 No. of Claims : 8

(19) INDIA(22) Date of filing of Application :10/04/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : PRINTED TEMPERATURE SENSOR				
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01K7/22,H01C7/04,H05K3/12 :2010/06532 :13/09/2010 :South Africa :PCT/IB2011/054001 :13/09/2011 o:WO 2012/035494 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY OF CAPE TOWN Address of Applicant :Bremner Building Lovers Walk Rondebosch 7701 Cape Town South Africa</li> <li>(72)Name of Inventor :</li> <li>1)BRITTON David Thomas</li> <li>2)HARTING Margit</li> </ul>		

### (57) Abstract :

A method of producing a temperature sensing device is provided. The method includes forming at least one silicon layer and at least one electrode or contact to define a thermistor structure. At least the silicon layer is formed by printing and at least one of the silicon layer and the electrode or contact is supported by a substrate during printing thereof. Preferably the electrodes or contacts are formed by printing using an ink comprising silicon particles having a size in the range 10 nanometres to 100 micrometres and a liquid vehicle composed of a binder and a suitable solvent. In some embodiments the substrate is an object the temperature of which is to be measured. Instead the substrate may be a template may be sacrificial or may be a flexible or rigid material. Various device geometries are disclosed.

No. of Pages : 33 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

#### (71)Name of Applicant : (51) International classification :A61L31/16 1)CORDIS CORPORATION (31) Priority Document No :61/415056 Address of Applicant :430 Route 22 Bridgewater NJ 08807 (32) Priority Date :18/11/2010 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2011/060004 (72)Name of Inventor : Filing Date :09/11/2011 **1)FALOTICO Robert** (87) International Publication No :WO 2012/067913 2)LUK Andrew (61) Patent of Addition to Application **3)PARKER Theodore L.** :NA Number 4)ZHAO Jonathan Z. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : LOCAL VASCULAR DELIVERY OF AN ADENOSINE A2A RECEPTOR AGONIST /

PHOSPHODIESTERASE INHIBITOR COMBINATION TO REDUCE MYOCARDIAL INJURY

### (57) Abstract :

A stent or other implantable medical device for the local delivery of a selective adenosine receptor agonist may be utilized in combination with other therapeutic agents to reduce myocardial injury following an acute myocardial infarction. As soon as possible following an acute myocardial infarction a stent or other suitable device comprising and capable of delivering a selective adenosine receptor agonist is positioned in the blood vessel with the occlusion responsible for causing the infarct. Once in position the stent or other intraluminal device is deployed to remove the occlusion and reestablish blood flow to the specific area region or tissue volume of the heart. Over a given period of time the selective adenosine receptor agonist alone or in combination with other therapeutic agents elute from the stent or other device into the downstream coronary blood flow into the hypoxic cardiac tissue for a time sufficient to reduce the level of myocardial injury.

No. of Pages : 50 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

)Name of Applicant : IVETT Jonathon Lachlan
Address of Applicant :16 Shrewsbury Road London W2 5PR Name of Inventor : IVETT Jonathon Lachlan
[)]

(57) Abstract :

A connector assembly 100 for a length of corrugated tubing 101. The connector assembly 100 comprising a fitting 102 including a passage 1 11 a clamping surface 107 a seal 105 and an axial loading means 103 operably connected to the fitting 102. In use the tubing 101 is in fluid communication with said passage 111 of the fitting 102 and axial movement of said loading means 103 towards said clamping surface 107 urges said tubing 101 against said seal 105 wherein said tubing 101 is thereby sealingly restrained to said fitting 102 and the clamping surface 107 is formed such that in use it is capable of causing an end portion of a corrugated tube 101 to form a flare by said end portion being compressed against said clamping surface 107 and against said seal 105 and sealed thereagainst under the action of the loading means 103.

No. of Pages : 34 No. of Claims : 26

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : BIARYL DIPHOSPHINE LIGANDS INTERMEDIATES OF THE SAME AND THEIR USE IN ASYMMETRIC CATALYSIS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07F9/53,B01J31/28,C07C45/29 :61/381493 :10/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)KANATA CHEMICAL TECHNOLOGIES INC. Address of Applicant :MaRs Centre South Tower 230 101</li> </ul>
(33) Name of priority country	:U.S.A.	College Street Toronto Ontario M5G 1L7 Canada
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/CA2011/001024 :09/09/2011 :WO 2012/031358 :NA :NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)ABDUR RASHID Kamaluddin</li> <li>2)JIA Wenli</li> <li>3)LU Shuiming</li> <li>4)GUO Rongwei</li> <li>5)CHEN Xuanhua</li> <li>6)AMOROSO Dino</li> </ul>

(57) Abstract :

The present disclosure relates to biaryl diphosphine ligands of the formula (B) processes for the production of the ligands and the use of the ligands in metal catalysts for asymmetric synthesis. The disclosure also relates to intermediates used for the production of the biaryl diphosphine ligand.

No. of Pages : 85 No. of Claims : 44

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : INTRA BAND CARRIER AGGREGATION FOR MULTI TIERED WIRELESS COMMUNICATION NETWORKS

(51) International classification	:H04L5/00,H04W16/00,H04W36/00	(71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(31) Priority Document No	:61/391209	Address of Applicant :16483 Stockholm Sweden
(32) Priority Date	:08/10/2010	(72)Name of Inventor :
(33) Name of priority country	y:U.S.A.	1)LARSSON Magnus
(86) International Application No Filing Date	:PCT/IB2011/054298 :29/09/2011	2)KAZMI Muhammad 3)BALDEMAIR Robert
(87) International Publication No	<sup>1</sup> :WO 2012/046171	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

Methods of performing intra band carrier aggregation in a multi tiered wireless network include determining a capability of a user equipment unit located within an overlapping coverage area of first and second radio network nodes to simultaneously receive data on a first component carrier and on a second component carrier from the first and second network nodes and simultaneously transmitting data to the user equipment unit using the first and second component carriers from different radio network nodes in response to determining that the user equipment unit is capable of simultaneously receiving data on the first component carrier and on the second component carrier from different radio network nodes.

No. of Pages : 49 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B60C11/00 :61/408480 :29/10/2010 :U.S.A. :PCT/US2011/057546 :24/10/2011 :WO 2012/058171	<ul> <li>(71)Name of Applicant :</li> <li>1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :Route Louis Braille 10 CH 1763</li> <li>Granges Paccot Switzerland</li> <li>2)COMPAGNIE GENERALE DES ETABLISSEMENTS</li> <li>MICHELIN</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	<ul> <li>(72) Name of Inventor 1</li> <li>1) WARFFORD Jeffrey Thomas</li> <li>2) CHRISTENBURY Damon Lee</li> <li>3) LAWSON Robert Cecil</li> <li>4) WHITE Timothy A.</li> </ul>

# (54) Title of the invention : TIRE TREAD HAVING A PLURALITY OF WEAR LAYERS

(57) Abstract :

Particular embodiments of the present invention include a multi stage tire tread having two or more wear layers comprising an outer wear layer and one or more inner wear layers arranged within the thickness of the tread below the outer wear layer. One or more outer grooves are arranged within the outer wear layer while one or more inner grooves arranged within at least one of the one or more inner wear layers. The tread further includes a volumetric void ratio equal to approximately 0.25 to 0.40 in the unworn condition and approximately 0.25 to 0.40 in a worn condition where the outer ground engaging side is arranged along one of the inner wear layers in the worn condition the tread further having a contact surface ratio equal to approximately 0.66 0.72 in the unworn condition and approximately 0.56 0.66 in the worn condition.

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

# (19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : NITRILASES WITH INCREASED ACTIVITY

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:C07K14/195;C12N9/42;C12N9/78 :10013548.2 :12/10/2010 :EPO :PCT/EP2011/005115 :12/10/2011 :WO 2012/048865 :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)C LECTA GMBH</li> <li>Address of Applicant :Perlickstrasse 5 04103 Leipzig</li> </ul> </li> <li>Germany <ul> <li>(72)Name of Inventor : <ul> <li>1)VOGEL Andreas</li> <li>2)SCHWARZE Daniel</li> <li>3)GREINER ST-FFELE Thomas</li> </ul> </li> </ul></li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a nitrilase having improved activity in the reaction of a nitrile to form the corresponding carboxylic acid in particular with respect to reacting 2 methylglutaronitrile 1 (cyanomethyl)cyclohexane 1 carbonitrile and benzonitrile. The nitrilase according to the invention is related to nitrilase from acidovorax facilis.

No. of Pages : 36 No. of Claims : 9

# (19) INDIA

(22) Date of filing of Application :11/04/2013

### (43) Publication Date : 14/11/2014

## (54) Title of the invention : A TOY BUILDING SET

(57) Abstract :

A toy building set comprising separate building elements adapted for building a toy figure the building elements comprising a number of body elements (1 2 3) that are interconnected or adapted for being interconnected by means of articulated joints and where the toy building set also comprises a number of dressing elements (5) and means for mounting the dressing elements on the body elements. The toy building set further comprises a number of design elements (4) and the at least one design element and at the least one body element has a first type of complementary coupling means (7) adapted for releasably mounting the design element on the body element and where at least one dressing element and the design element has a second different type of complementary coupling means (8 9) adapted for releasably mounting a dressing element on the design element so that it is not possible to mount the dressing element on a body element.

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : COMPOSITE MATERIALS INCLUDING NANOPARTICLES EARTH BORING TOOLS AND COMPONENTS INCLUDING SUCH COMPOSITE MATERIALS POLYCRYSTALLINE MATERIALS INCLUDING NANOPARTICLES AND RELATED METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/US2011/054960	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O.Box 4740 Houston TX 77210 4740 </li> <li>U.S.A. </li> <li>(72)Name of Inventor : 1)SCOTT Danny E. </li> <li>2)DIGIOVANNI Anthony A.</li></ul>
Filing Date	:05/10/2011	3)EASON Jimmy W.
(87) International Publication No	:WO 2012/048025	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composite material comprising a plurality of hard particles surrounded by a matrix materia] comprising a plurality of nanoparticles. Earth boring tools including the composite material and methods of forming the composite material are also disclosed. A polycrystalline material having a catalyst material including nanoparticles in interstitial spaces between inter bonded crystals of the polycrystalline material and methods of forming the polycrystalline material are also disclosed.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : PHARMACEUTICAL COMPOSITION METHODS FOR TREATING AND USES THEREOF

(51) International classification (31) Priority Document No	:A61K31/00,A61K31/341,A61K38/28 :10190303.7	(71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(32) Priority Date	:08/11/2010	Address of Applicant : Binger Strasse 173 55216 Ingelheim am
(33) Name of priority country	:EPO	Rhein Germany (72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:PCT/EP2011/069532 :07/11/2011	1)GREMPLER Rolf 2)JOHANSEN Odd Erik 3)KLEIN Thomas
(87) International Publication No	:WO 2012/062698	4)LUIPPOLD Gerd 5)MARK Michael
(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 pharmaceutical composition according to the claim 1 comprising an SGLT2 inhibitor and an insulin which is suitable in the treatment or prevention of one or more conditions selected from type 1 diabetes mellitus type 2 diabetes mellitus impaired glucose tolerance and hyperglycemia. In addition the present invention relates to methods for preventing or treating of metabolic disorders and related conditions.

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08K3/26 :61/385068 :21/09/2010 :U.S.A. :PCT/US2011/048237 :18/08/2011 :WO 2012/039862 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GREEN FOLKS &amp; MACLEOD INC. Address of Applicant :1150 La Colina Drive Beverly Hills CA 90210 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MACLEOD Mathew D.</li> </ul>
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# (54) Title of the invention : STONE BASED COPOLYMER SUBSTRATE

(57) Abstract :

A stone based copolymer substrate includes calcium carbonate (CaC03) from approximately fifty to eighty five percent (50 85%) by weight and varying in size generally from 1.0 to 3.0 microns high density polyethylene (HDPE) from approximately two to twenty five percent (2 25%) by weight and a biopolymer from approximately two to twenty five percent (2 25%) by weight. The substrate may include a biodegradation additive from approximately three fourths of a percent to two percent (0.75 2%) by weight. By selectively adjusting the ranges of the substrate s components various products can be made to replace current tree based and plastic based products. The substrate can be configured to be tear proof water proof fade resistant and fire retardant while utilizing less energy and producing less waste during its manufacture. In an exemplary embodiment of the invention the stone used in the substrate includes limestone.

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

# (19) INDIA

(22) Date of filing of Application :11/04/2013

## (43) Publication Date : 14/11/2014

# (54) Title of the invention : FILTRATION SYSTEM

(51) International classification	:B01D33/23,B01D33/37,B01D33/46	(71)Name of Applicant : 1)KLEIN David
(31) Priority Document No	:61/389244	Address of Applicant :18 Menuha VeNahala Street 76209
(32) Priority Date	:03/10/2010	Rehovot Israel
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/054537 :03/10/2011	1)TAL Ron
(87) International Publication	<sup>1</sup> :WO 2012/047776	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An innovative fiber wound filtration system for use with spiral trajectory type cleaning systems.

No. of Pages : 11 No. of Claims : 7

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : VENTABLE	CLOSURE WITH PORT	
<ul> <li>(54) Title of the invention : VENTABLE</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> </ul> </li> </ul>	:B65D47/32 :61/404965 :12/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)NALGE NUNC INTERNATIONAL CORPORATION Address of Applicant :75 Panorama Creek Drive Rochester NY 14625 2385 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STATON John M.</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A closure (10 100 150) for a labware device (20). The labware device (20) defines an interior chamber (25) having at least one opening (92). The closure (10 100 150) includes a closure body (12 102) configured to be mounted to the labware device (20) and in fluid communication with the opening (92). A vent valve (14 122) is mounted for movement relative to the closure body (12 102). The vent valve (14 122) with the closure body (12 102) defines a space (72 120) that defines a path between the closure body (12 102) and the vent valve (14 122) for gas exchange between the interior chamber (25) and the exterior of the labware device (20). A filter (50) is positioned within the space (72 120) and is configured to filter contaminants from gas entering the interior chamber (25) via the path.

No. of Pages : 40 No. of Claims : 29

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD AND SYSTEM FOR ACTIVE NOISE OR VIBRATION CONTROL OF SYSTEMS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul> </li> </ul>	:B66B1/30,B66B1/34,B66B11/08 :NA :NA :NA :PCT/US2010/058288 :30/11/2010 :WO 2012/074508 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTIS ELEVATOR COMPANY <ul> <li>Address of Applicant :Ten Farm Springs Road Farmington</li> </ul> </li> <li>Connecticut 06032 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BLANC Arthur</li> <li>2)BLASKO Vladimir</li> </ul> </li> </ul>
Number	:NA :NA	

(57) Abstract :

A system for active control of noise and/or vibration includes an electric machine; at least one sensor for sensing at least one of noise and vibration in the machine and generating at least one of an audio signal representing noise and a vibration signal representing vibration; a controller obtaining at least one of the noise signal and the vibration signal the controller generating control signals to reduce at least one of noise and vibration in the machine; and power electronics receiving the control signals and generating drive signals for the machine.

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

# (19) INDIA

(22) Date of filing of Application :11/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : CELL CULT	URE DEVICE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:C12M1/22 :61/404964 :12/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)NALGE NUNC INTERNATIONAL CORPORATION Address of Applicant :75 Panorama Creek Drive Rochester NY 14625 2385 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PANKRATZ Gregory S.</li> <li>2)NILSSON Thomas</li> <li>3)STATON John M.</li> </ul>
Filing Date	:NA	

(57) Abstract :

A cell culture device (10) of the cultivation of cells. The cell culture device (10) includes a plurality of trays (12a 12b 12c 12d) each tray (12a 12b 12c 12d) having a cell growth surface (20) and at least one wall (22 24) extending upwardly from the cell growth surface (20). The at least one wall (22 24) is configured to receive an additional tray thereon. A ratio of the number of the plurality of trays (12a 12b 12c 12d) per a height dimension of the plurality of trays (12a 12b 12c 12d) is greater than or equal to about 1 tray per 12 mm.

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

(19) INDIA(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR CONNECTING TWO COMPONENTS OF A VEHICLE SEAT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:Bo0N2/08,B21D20/14,B21D53/88 :10 2010 056 378.1 :20/12/2010 :Germany :PCT/EP2011/005932 :25/11/2011 :WO 2012/084117 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KEIPER GMBH &amp; CO. KG Address of Applicant :Hertelsbrunnenring 2 67657</li> <li>Kaiserslautern Germany</li> <li>(72)Name of Inventor :</li> <li>1)WOLSIEFER Harald</li> <li>2)LOOS Ramon</li> <li>3)SCHOLLENBERG Rainer</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a method for connecting two at least partly metal components (4a 4h 4i 10 10g 11 12 13) of a vehicle seat (1) which has a backrest (4) that can be pivoted about an axis (A) wherein the two components (4a 4h 4i 10 10g 11 12 13) are arranged relative to each other and are then connected the two components (4a 4h 4i 10 10g 11 12 13) are arranged at a distance from each other at least in some regions and connected by means of electromagnetic pulse technology in that by means of a current pulse electromagnetic fields are induced in the two components (4a 4h 4i 10 10g 11 12 13) the intense magnetic attraction force of which presses the two components (4a 4h 4i 10 10g 11 12 13) together producing an integral connection.

No. of Pages : 38 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:B60N2/68	(71)Name of Applicant :
(31) Priority Document No	:10 2010 049 328.7	1)KEIPER GMBH & CO. KG
(32) Priority Date	:19/10/2010	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2011/004305	(72)Name of Inventor :
Filing Date	:26/08/2011	1)MARKEL Christian
(87) International Publication No	:WO 2012/052088	2)DILL Thomas
(61) Patent of Addition to Application	:NA	3)PLUTA Wolfgang
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextre et :		I

# (54) Title of the invention : VEHICLE SEAT IN PARTICULAR A MOTOR VEHICLE SEAT

(57) Abstract :

In a vehicle seat in particular a motor vehicle seat having a seat part and a backrest which is provided with a backrest frame (4a) which runs all around as a load bearing structure which backrest frame (4a) has a lower crossmember (4b) two side parts (4d) and an upper crossmember (4e) and which backrest can pivot relative to the seat part by means of at least one fitting (10) which is attached to the backrest frame (4a) at least one corner piece (4c) is provided as part of the backrest frame (4a) which corner piece (4c) connects the lower crossmember (4b) to one of the seat parts (4d) wherein the fitting (10) is attached to the corner piece (4c).

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

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : DESULFURIZING AGENT AND PREPARATION METHOD THEREOF

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:PC1/KR2010/006598 :28/09/2010 :WO 2012/036336 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KOREA ELECTRIC POWER CORPORATION <ul> <li>Address of Applicant :167 Samsung dong Gangnam gu Seoul</li> </ul> </li> <li>135 791 Republic of Korea</li> <li>(72)Name of Inventor : <ul> <li>1)RYU Chong Kul</li> <li>2)WI Young Ho</li> <li>3)LEE Joong Beom</li> <li>4)BAEK Jeom In</li> <li>5)EOM Tae Hyoung</li> <li>6)RYU Joung Ho</li> </ul> </li> </ul>
11	:NA :NA :NA	

(57) Abstract :

(19) INDIA

The present invention relates to a desulfurizing agent composition and a preparation method thereof. The present invention uses a mixture of alumina and calcium silicate as a support and an inorganic binder comprising one or more compounds selected from bentonite boehmite or palygorskite thereby providing a recyclable desulfurizing agent composition which can increase the utilization of active ingredients through uniform distribution of active ingredients and provide a wide specific surface area necessary for reaction has the shape particle size and distribution suitable for a hot gas particularly fluidized bed or high speed fluidized bed desulfurization processes and has improved abrasion resistance (strength) heat resistance and desulfurizing capability (sulfur absorption) and a preparation method thereof.

No. of Pages : 36 No. of Claims : 26

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : A SKIN ENGAGING MEMBER COMPRISING ENCAPSULATED ACTIVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No :61/391891</li> <li>(32) Priority Date :11/10/2010</li> <li>(33) Name of priority country</li> <li>(36) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(63) Date</li> <li>(64) Patent of Addition to Application Number Filing Date</li> <li>(65) Divisional to SNA SNA SNA SNA SNA SNA SNA SNA SNA SNA</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)THE GILLETTE COMPANY <ul> <li>Address of Applicant :World Shaving Headquarters IP/Legal</li> </ul> </li> <li>Patent Department 3E One Gillette Park Boston Massachusetts</li> <li>(2127 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)WANG Xiandong</li> <li>2)KWIECIEN Michael Joseph</li> </ul> </li> </ul>
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# (57) Abstract :

A skin engaging member suitable for use in a hair removal device said skin engaging member comprising an encapsulated active contained in a matrix material an encapsulated active comprising at least one nano particle encapsulated in a micro particle wherein said nano particle comprises a shell comprising a hydrophobic material and wherein said micro particle comprises a shell comprising a water sensitive material; and wherein at least one of said nano particle and said micro particle comprises a skin care active.

No. of Pages : 29 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING ENERGY REQUIREMENTS OF A CO2 CAPTURE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:61/382205 :13/09/2010 :U.S.A. :PCT/US2011/049493 :29/08/2011 :WO 2012/036878 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400</li> <li>Baden Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)NAUMOVITZ Joseph P.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for reducing energy requirements of a CO capture system (300) comprises : contacting a flue gas stream (140) with a CO lean absorbent stream (150) in an absorber (130) thereby removing CO from the flue gas (140) and providing a CO rich absorbent stream (152); heating a first portion of the CO rich absorbent stream (152) using heat from the CO lean absorbent stream (150) and providing the heated first portion (204) of the CO rich absorbent stream (152) to a regenerator (160); providing a second portion (202) of the CO rich absorbent stream (152) to the regenerator wherein the heated first portion (204) is hotter than the second portion (202) and the heated first portion (204) is provided to the regenerator at a lower elevation in the regenerator (160) relative to that of the second portion (202).

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

# (19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : REMOVAL OF NON VOLATILES FROM AMMONIA BASED C02 ABSORBENT SOLUTION

(51) International classification	:B01D53/14,B01D53/62,B01D53/96	(71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD
(31) Priority Document No	:12/881485	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(32) Priority Date	:14/09/2010	Baden Switzerland
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:wO 2012/036946	1)NAUMOVITZ Joseph P.
<ul> <li>(61) Factor of Facalition (61)</li> <li>Application Number</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A system is arranged to remove carbon dioxide (CO2) from a gas stream by bringing the gas stream into contact with a circulating ammoniated solution stream such that CO2 is removed from the gas stream by the ammoniated solution stream. A method of removing non volatile compounds from the circulating ammoniated solution stream includes: introducing a portion of the circulating ammoniated solution stream into a gas liquid separating device; and separating the introduced ammoniated solution into an ammonia rich gas phase and a liquid phase comprising the non volatile compounds; and reintroducing the ammonia rich gas phase into the circulating ammoniated solution stream.

No. of Pages : 40 No. of Claims : 38

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR CONTROLLING 2 PHENYL ISOMER CONTENT OF LINEAR ALKYLBENZENE AND CATALYST USED IN THE METHOD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B01J29/80,B01J29/08,C07C2/66 :12/881676 :14/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC Address of Applicant :25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2011/050815 :08/09/2011 :WO 2012/036967	<ul> <li>(72)Name of Inventor :</li> <li>1)RILEY Mark G.</li> <li>2)JAN Deng Yang</li> <li>3)SOHN Stephen W.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(12) Patent of Addition to</li> </ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for controlling 2 isomer content in linear alkylbenzene obtained by alkylating benzene with olefins and catalyst used in the method.

No. of Pages : 21 No. of Claims : 10

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : PRODUCTION OF BUTANOL FROM CARBON MONOXIDE BY A RECOMBINANT MICROORGANISM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C12P7/16,C12N15/74,C12R1/02 :61/405871 :22/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)LANZATECH NEW ZEALAND LIMITED Address of Applicant :24 Balfour Road Parnell Auckland 1052 New Zealand</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/NZ2011/000203 :29/09/2011 :WO 2012/053905	<ul> <li>(72)Name of Inventor :</li> <li>1)KOEPKE Michael</li> <li>2)LIEW FungMin</li> </ul>
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 inter alia to novel genetically modified microorganisms capable of using CO to produce 1 butanol and/or a precursor thereof novel methyltranferases and nucleic acids encoding same methods for producing genetically modified microorganisms using said novel methyltransferases and methods of producing 1 butanol and/or a precursor thereof by microbial fermentation.

No. of Pages : 274 No. of Claims : 65

(19) INDIA

(22) Date of filing of Application :11/04/2013

## (43) Publication Date : 14/11/2014

(51) International classification	:B60N2/015,B60N2/30	(71)Name of Applicant :
(31) Priority Document No	:1017679.0	1)BAE SYSTEMS PLC
(32) Priority Date	:19/10/2010	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/EP2011/067863	(72)Name of Inventor :
Filing Date	:13/10/2011	1)HOYLE James Brooks
(87) International Publication No	:WO 2012/052344	
(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 : VEHICLE SEAT

(57) Abstract :

A seat for a vehicle is provided. The seat comprises a seat chassis for supporting further seat components. The further seat components comprise a back member for supporting the back of the occupant and a base member. The base member comprises a front edge and a back edge and may be configured into two different conditions. In a first condition the base member extends generally perpendicularly from the back member and is suitable for accommodating the occupant in a sitting position. In a second condition the base member is retracted and thereby tends to reduce the profile of the seat. An attachment for connecting the base member to the chassis is also provided. Consequently the base member may be selectively configured between the first condition and the second condition. In selectively configuring the base member from the first condition to the second condition the base member tilts such that it rises at the back edge and dips at the front edge.

No. of Pages : 42 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:B66B7/06,B66B11/08 :NA :NA :NA :PCT/US2010/061707 :22/12/2010 :WO 2012/087304 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OTIS ELEVATOR COMPANY <ul> <li>Address of Applicant :Ten Farm Springs Road Farmington</li> </ul> </li> <li>Connecticut 06032 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)WESSON John P.</li> <li>2)KRISHNAN Gopal R.</li> <li>3)ZHANG Huan</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

# (54) Title of the invention : ELEVATOR SUSPENSION AND/OR DRIVING ARRANGEMENT

(57) Abstract :

An elevator system includes an elevator car one or more sheaves and one or more belts operably connected to the car and interactive with the one or more sheaves for suspending and/or driving the elevator car. The one or more belts include a plurality of wires arranged into one or more cords and a jacket substantially retaining the one or more cords. A cord ratio between a smallest sheave diameter (D) of the one or more sheaves of the elevator system that are interactive with the belt and a largest cord diameter (d) of the one or more cords (D/d) is less than about 55. A wire ratio between the smallest sheave diameter (D) and the largest wire diameter (d) of the plurality of wires (D/d) is between about 160 and about 315.

No. of Pages : 26 No. of Claims : 65

(19) INDIA(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : PROCESS FOR THE MANUFACTURE OF DEGARELIX AND ITS INTERMEDIATES

<ul> <li>(51) International classification</li> <li>:C07K1/02,C07K</li> <li>(31) Priority Document No</li> <li>:10189032.5</li> <li>(32) Priority Date</li> <li>:27/10/2010</li> <li>(33) Name of priority country</li> <li>:EPO</li> <li>(86) International Application No:PCT/EP2011/065</li> <li>Filing Date</li> <li>:26/10/2011</li> <li>(87) International Publication No:WO 2012/05590</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>Filing Date</li> </ul>	1)RASMUSSEN Jon Holbech
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

The present invention relates to a liquid (or solution) phase manufacturing process for preparing the decapeptide Degarelix its protected precursor and other useful intermediates. The invention further relates to polypeptides useful in the solution phase manufacturing process and to the purification of Degarelix itself. Degarelix can be obtained by subjecting a Degarelix precursor according to formula (II): () () () () (II) or a salt or solvate thereof to a treatment with a cleaving agent in an organic solvent wherein P is an amino protecting groups; preferably acetyl; P is hydrogen or a hydroxy! protecting group; P is hydrogen or an amino protecting groups; preferably an amino protecting group; and P is an amino protecting group.

No. of Pages : 48 No. of Claims : 13

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LOCAL VASCULAR DELIVERY OF ADENOSINE A2A RECEPTOR AGONISTS TO REDUCE MYOCARDIAL INJURY

Filing Date Filing Date	<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:A01L31/10,A01L31/10,A01K31/7076	<ul> <li>(71)Name of Applicant :</li> <li>1)CORDIS CORPORATION <ul> <li>Address of Applicant :430 Route 22 Bridgewater NJ 08807</li> <li>U.S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)FALOTICO Robert</li> <li>2)PARKER Theodore L.</li> </ul> </li> </ul>
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(57) Abstract :

A stent or other implantable medical device for the local delivery of a selective adenosine receptor agonist may be utilized to reduce myocardial injury following an acute myocardial infarction. As soon as possible following an acute myocardial infarction a stent or other suitable device comprising and capable of delivering a selective adenosine receptor agonist is positioned in the blood vessel with the occlusion responsible for causing the infarct. Once in position the stent or other intraluminal device is deployed to remove the occlusion and reestablish blood flow to the specific area region or tissue volume of the heart. Over a given period of time the selective adenosine receptor agonist elutes from the stent or other device into the downstream coronary blood flow into the hypoxic cardiac tissue for a time sufficient to reduce the level of myocardial injury.

No. of Pages : 34 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : FIRE EXTINGUISHING COMPOSITION PRODUCING FIRE EXTINGUISHING SUBSTANCE BY HIGH TEMPERATURE SUBLIMATION

# (57) Abstract :

The present invention relates to a fire extinguishing composition producing fire extinguishing substance by high temperature sublimation the fire extinguishing composition comprising a fire extinguishing material which in a heating process can sublimate and release a fire extinguishing substance with fire extinguishing properties the content of the fire extinguishing material being at least 80% by mass. When the fire extinguishing composition is in use a pyrotechnic composition is used as a heat source and power source; by first igniting the pyrotechnic composition the high combustion temperature of the pyrotechnic composition causes a large quantity of fire extinguishing substance to be produced by the fire extinguishing composition which is sprayed out together with the pyrotechnic composition and thus achieves the purpose of fire extinguishing. When compared with traditional aerosol fire extinguishing systems gas fire extinguishing systems and water type fire extinguishing systems the present invention can provide a more efficient and safer fire extinguishing composition.

No. of Pages : 11 No. of Claims : 14

# (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (51) International classification :B61L15/00 (71)Name of Applicant : (31) Priority Document No :10290624.5 1)SIEMENS S.A.S. (32) Priority Date :23/11/2010 Address of Applicant :9 boulevard Finot F 93200 Saint Denis (33) Name of priority country France :EPO (86) International Application No :PCT/EP2011/066032 (72)Name of Inventor : Filing Date :15/09/2011 **1)CHENU Eric** (87) International Publication No :WO 2012/069223 (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 : METHOD FOR SECURING A CONTROL SYSTEM OF A RECONFIGURABLE MULTI UNIT VEHICLE AND SECURED CONTROL SYSTEM

# (57) Abstract :

The invention relates to a method for securing a control system of a multi unit vehicle and to a secured control system of said multi unit vehicle said control system being characterised in that it comprises: a device for determining a composition of the multi unit vehicle that can autonomously determine the composition of the multi unit vehicle and generate composition data that can be correlated with the composition of the multi unit vehicle; at least one calculator for at least one unit (1 2 3) of the multi unit vehicle each calculator (5) being connectable by means of at least one connection and via a network to an inlet/outlet set of inlet/outlet modules (91) for at least one unit and to said device for determining the composition of the multi unit vehicle in order to exchange operating data of the unit (1 2 3) and/or the multi unit vehicle with each inlet/outlet module (91) and in order to acquire data relating to the composition of the multi unit vehicle from said determination device; and at least one calculator (5) said securing module (6) being able to determine from said composition data the validity of said inlet/outlet set and to control cyclically or sufficiently frequently a coherence between each connection of each calculator (5) to said inlet/outlet set.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : HUMAN ONCOSTATIN M ANTIBODIES AND METHODS OF USE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:61/392683 :13/10/2010 :U.S.A. :PCT/US2011/055606 :10/10/2011 :WO 2012/051111 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JANSSEN BIOTECH INC. Address of Applicant :800/ 850 Ridgeview Drive Horsham PA 19044 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ALMAGRO Juan Carlos</li> <li>2)DUBELL William</li> <li>3)FRANSSON Johan</li> <li>4)PARDINAS Jose</li> </ul>
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(57) Abstract :

Antibodies and compositions capable of neutralizing oncostatin M biological functions are useful in treating diseases and disorders associated with oncostatin M such as osteoarthritis and idiopathic pulmonary fibrosis.

No. of Pages : 104 No. of Claims : 42

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : PEPTIDES FROM THE VENOM OF THE RHOPALURUS JUNCEUS SCORPION AND PHARMACEUTICAL COMPOSITION

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61K38/08,C07K7/06 :20100186 :27/09/2010 :Cuba :PCT/CU2011/000006 :27/09/2011 :WO 2012/041261 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GRUPO EMPRESARIAL DE PRODUCCIONES</li> <li>BIOFARMACEUTICAS Y QUIMICAS <ul> <li>Address of Applicant : Avenida Independencia Km 16 1/2</li> </ul> </li> <li>Santiago de las Vegas Boyeros La Habana 17200 Cuba</li> <li>(72)Name of Inventor : <ul> <li>1)FRAGA CASTRO Jos Antonio</li> <li>2)MEDINA GALI Regla Mara</li> <li>3)DIAZ GARCIA Alexis</li> <li>4)GUEVARA ORELLANA Irania</li> <li>5)RODRIGUEZ TORRES Caridad Clara</li> <li>6)RODRIGUEZ COIPEL Judith</li> <li>7)RIQUENES GARLOBO Yanelis</li> <li>8)GONZALEZ MARRERO Isbel</li> <li>9)PEREZ CAPOTE Mara Regla</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to novel peptides obtained from the venom of the Rhopalurus junceus scorpion characterised by a high content of proteins lipids carbohydrates amino acids inorganic salts and other ions including peptides as active principles. The invention also relates to a formulation used as a drug due to the properties thereof such as its anti carcinogenic analgesic and anti inflammatory properties which improve the quality of life of cancer patients.

No. of Pages : 48 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD AND SYSTEM FOR OPERATING WIND TURBINE DURING FAULT

(51) International classification	:F03D7/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:NA	12345 U.S.A.
(86) International Application No	:PCT/CN2010/001798	(72)Name of Inventor :
Filing Date	:10/11/2010	1)GAO Meng
(87) International Publication No	:WO 2012/061953	2)MA Cheng
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l de la constante de

(57) Abstract :

A method and a system for operating a wind turbine (10) during a fault. The system includes a pitch motor for rotating each rotor blade (18) second pitch sensors (72) for determining when the rotor blade (18) is rotated to a set point and a backup pitch controller (80). After a fault is detected the method determines whether the wind speed in the vicinity of the wind turbine (10) is less than or greater than or equal to a maximum rated velocity of the wind turbine (10). The backup pitch controller (80) then rotates the rotor blades (18) to a specific set point based on the determination.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LOW CUT WATER SAMPLING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BP CORPORATION NORTH AMERICA INC. Address of Applicant :501 Westlake Park Boulevard Houston TX 77079 U.S.A.</li> <li>2)BP EXPLORATION OPERATING COMPANY LIMITED</li> <li>(72)Name of Inventor :</li> <li>1)BARROWS Kieran E.</li> <li>2)EDWARDS Mark A.</li> <li>3)HARVEY Michael P.</li> <li>4)COWIE Laurence G.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus for sampling well production fluids comprises a vessel having an inner chamber. In addition the apparatus comprises a hydrocarbon fluids outlet conduit in fluid communication with the inner chamber. Further the apparatus comprises a well fluids inlet conduit coaxially disposed within the hydrocarbon fluids outlet conduit and in fluid communication with the inner chamber. The well fluids inlet conduit has a first portion extending from the vessel and a second portion extending into the inner chamber. The second portion of the well fluids inlet conduit includes a plurality of openings configured to direct the well production fluids radially outward from the well fluids inlet conduit. Still further the apparatus comprises a sample fluids outlet in fluid communication with the inner chamber.

No. of Pages : 21 No. of Claims : 22

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : CONTINUOUS TREATMENT SYSTEM FOR THE DEBACTERISATION OF DIVIDED SOLIDS ESPECIALLY FOOD PRODUCTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:13/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)FCD Address of Applicant :Lila F 07800 Beauchastel France</li> <li>(72)Name of Inventor :</li> <li>1)CHEINET Florent</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:WO 2012/069720 :NA :NA :NA	

#### (57) Abstract :

The invention relates to a continuous system for the heat treatment of divided solids combined with a gas solid reaction for the debacterisation especially of food products such as herbs spices powders etc. said system being of the type consisting of: a unit (2) for supplying the product; a debacterisation unit (3) consisting of a fluidised bed moving the particules by means of vibration associated with a feed of steam or other gas; a cooling drying unit; and a packaging unit (4). Said system is characterised in that the debacterisation unit (3) comprises a vibro fluidised stepped bed (5) for enabling the transport of the product (6) that is carried out successively according to a generally horizontal first transport phase (h) and at least one second vertical transport phase (V) during which steam or another gas is injected acting in such a way as to decontaminate the product as it moves from the horizontal phase (H) to the vertical phase (V) and to the following horizontal phase (H).

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

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METERING PUMP		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:B05B11/00 :10 2010 048 986.7 :20/10/2010 :Germany :PCT/EP2011/005290 :20/10/2011 :WO 2012/052174 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)URSAPHARM ARZNEIMITTEL GMBH Address of Applicant :Industriestrasse 35 66129 Saarbr¼cken Germany</li> <li>(72)Name of Inventor :</li> <li>1)LEE Hyeck Hee</li> <li>2)STEINFELD Ute</li> <li>3)HOLZER Frank</li> <li>4)MAHLER Markus</li> </ul>

(57) Abstract :

The invention relates to a metering pump for a metering device for metered, dispensing of a liquid, which can be connected to a storage container, comprising a cylindrical pump body and an actuation body.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : ABSORBENT ARTICLE HAVING SURFACE VISUAL TEXTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A61F13/512,A61F13/513 :61/393863 :15/10/2010 :U.S.A. :PCT/US2011/056233 :14/10/2011 :WO 2012/051467 :NA :NA	<ol> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :         <ol> <li>1)VISSCHER Ronald Bosman</li> <li>2)RAWAT Digvijay</li> <li>3)ZINK Kathryn Rebecca</li> <li>4)STONE Keith Joseph</li> <li>5)CECCHETTO Pietro</li> </ol> </li> </ol>
(62) Divisional to Application Number Filing Date	:NA :NA	6)GIBSON Fredrick William

(57) Abstract :

An absorbent article comprising an apertured topsheet having a body facing side and a garment facing side a backsheet an absorbent core positioned between the topsheet and the backsheet and a colored area viewable through a topsheet by a user viewing the body facing side is provided. The absorbent article comprises a visual texture composed of less than about 65 objects per cm2 having an average mean areas greater than about 0.35 mm.

No. of Pages : 71 No. of Claims : 6

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : SICKLE CONFIRM MODIFIED HEMOGLOBIN SOLUBILITY TEST

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul> </li> </ul>	:G01N33/50,G01N33/68,G01N33/72 :61/386324 :24/09/2010 :U.S.A. :PCT/US2011/052476 :21/09/2011 :WO 2012/040278 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT LOUIS UNIVERSITY <ul> <li>Address of Applicant :221 N. Grand Boulevard St. Louis MO</li> <li>63103 U.S.A.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)RANDOLPH Tim R.</li> </ul> </li> </ul>
Filing Date	:NA	

# (57) Abstract :

The present invention provides a method for determining sickle cell zygosity in a subject comprising: forming a first solution comprising a sample from the subject a phosphate buffer a detergent and a reducing agent; subjecting the first solution to centrifugation to form a second solution and a supernatant; taking a color reading of the supernatant and of the second solution; optionally filtering the second solution to form a filtrate and a precipitate and optionally measuring the amount of the precipitation and the absorbance of the filtrate or taking a color reading of the filtrate.

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

# (19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : SYSTEMS METHODS AND DEVICES FOR ANALYZING UTILITY USAGE WITH LOAD DURATION CURVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01R19/25,G06Q20/00 :12/886715 :21/09/2010 :U.S.A. :PCT/US2011/052095 :19/09/2011 :WO 2012/040079 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC USA INC. Address of Applicant :1415 S. Roselle Road Palatine IL 60067 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)COWAN Peter</li> <li>2)VAN GORP John C.</li> <li>3)WALL Daniel J.</li> </ul>
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(57) Abstract :

Systems methods and devices for regulating usage of at least one utility by a utility consuming system. One aspect of the present disclosure is directed to a method for regulating usage of at least one utility by a utility consuming system having a plurality of utility consuming segments. The method includes: generating a load duration curve (LDC); selecting a portion of the LDC to be analyzed; generating an associated duration chart (ADC) that is indicative of one or more associated duration parameters relating to the selected portion of the LDC; and modifying usage of the utility by at least one of the utility consuming segments based at least in part upon the one or more associated duration parameters indicated in the first ADC.

No. of Pages : 30 No. of Claims : 19

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LIPOSOME COMPOSITION AND PROCESS FOR PRODUCTION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:A61K9/127,A61K47/24,A61K47/34 :2010291110 :27/12/2010 :Japan :PCT/JP2011/080304 :27/12/2011 :WO 2012/091054 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TERUMO KABUSHIKI KAISHA Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMASHITA Keiko</li> <li>2)NOZAWA Shigenori</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

The purpose of the present invention is to provide a liposome composition into which a drug can be introduced in a high encapsulation amount and which has sustained release properties to such an extent that the effective concentration can be maintained at a clinically satisfactory level and which is suitable for subcutaneous administration or the like. This liposome composition comprises a first liposome which has an outer membrane composed of a multilayered lipid bilayer membrane and multiple second liposomes which are accommodated in a first liposome inner region that is defined by the outer membrane and each of which has an outer membrane composed of a multilayered lipid bilayer membrane and each of which has an outer membrane composed of a multilayered by the outer membrane and each of which has an outer membrane composed of a multilayered lipid bilayer membrane wherein the liposome composition has second liposome inner regions each defined by the outer membrane of each of the second liposome and wherein ion gradient is formed at least between each of the second liposome inner regions and the outside of the first liposome.

No. of Pages : 50 No. of Claims : 8

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : CHROMATOGRAPHY SYSTEM WITH GUARD COLUMNS

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> </ul>	:G01N30/46,B01D15/18,G01N30/60 :10511160 :27/10/2010 :Sweden :PCT/SE2011/051254	<ul> <li>(71)Name of Applicant :</li> <li>1)GE HEALTHCARE BIO SCIENCES AB Address of Applicant :Patent Department Bjrkgatan 30 S 751</li> <li>84 Uppsala Sweden</li> <li>(72)Name of Inventor :</li> <li>1)LACKI Karol</li> </ul>
Filing Date	:24/10/2011	
(87) International Publication No	<sup>n</sup> :WO 2012/057676	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

A chromatography system with a main column (1) comprising a chromatography resin a first guard column (2) and a second guard column (3) wherein the first guard column (2) is connected to a first end of the main column (4) the second guard column (3) is connected to a second end (5) of the main column and the bed volumes of said first and second guard columns are each less than about 50% of the bed volume of the main column.

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

# (19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR FOLDING PALLET SUPPORT

(51) International classification	:B65D19/32,B65D19/34,B65D19/38	(71)Name of Applicant : 1)LU Shang Wen
(31) Priority Document No	:PCT/CN2010/001455	Address of Applicant :3F. No.123 2 Xingde Rd. Sanchong
(32) Priority Date	:21/09/2010	District New Taipei City Taiwan China
(33) Name of priority country	y:China	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/CN2011/000651 :13/04/2011	1)LU Shang Wen
(87) International Publication	<sup>1</sup> :WO 2012/037766	
(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 folding a pallet support (1) is disclosed wherein the support is integrally formed from a single piece of board material (10). First two sides (12) of the board material are folded inwards and flattened at least twice. Then the whole board material (10) is folded in half along its centerline and flattened. Next a certain length of the upper ends (13) of the board material are folded towards two sides. Hence a pallet support (1) is formed with a section having the thickness of several layers of board material (10) and a T section structure with a thickened bottom is formed.

No. of Pages : 36 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CLAY BEARING MANUFACTURED SANDS FOR HYDRATABLE CEMENTITIOUS COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Eiling Date</li> </ul>	:17/10/2011 :WO 2012/054403 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)W. R. GRACE &amp; CO. CONN. Address of Applicant :7500 Grace Drive Columbia MD 21044</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KYRIAZIS Arthur</li> <li>2)PERRY Bruce</li> <li>3)KOEHLER Eric</li> <li>4)BABLOUZIAN Leon</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a method for making sand compositions wherein manufactured sand particles are pretreated with a clay mitigating polycation and blended with natural sand particles that have washed to remove fines such that at least 90% of the natural sand particles are retained on a 75 micron sieve. Methods of the invention also involve the use of the blended pretreated sand for making concrete wherein the sand is combined with cement a polycarboxylate type dispersant a further amount of clay mitigating polycation compound and at least one hydryoxyl or hydroxyl carboxylic acid or salt compound.

No. of Pages : 17 No. of Claims : 8

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : NOVEL STRAINS OF MICROALGAE OF THE BOTRYOCOCCUS GENUS AND METHOD FOR CULTIVATING SAID MICROALGAE IN A MIXOTROPHIC MODE

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C12N1/12,C12N13/00,C12P7/64 :1058912 :28/10/2010	1)FERMENTALG Address of Applicant :4 rue Rivi <sup>**</sup> re F 33500 Libourne France
<ul> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:France :PCT/FR2011/052524 :27/10/2011 :WO 2012/056187	(72)Name of Inventor : 1)CALLEJA Pierre
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 novel strains of microalgae which belong to the Botryococcus genus and which can grow in a mixotrophic mode as well as to a cultivation method which comprises providing light in the form of flashes for the production of lipids and hydrocarbons in particular in the form of botryococcenes which are useful in the production of biofuel.

No. of Pages : 25 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :11/04/2013

(54) Title of the invention : CHISEL HOLDER

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:E21C35/18,E21C35/193 :10 2010 061 019.4 :03/12/2010 :Germany :PCT/EP2011/071588 :02/12/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)WIRTGEN GMBH <ul> <li>Address of Applicant :Reinhard Wirtgen Str. 2 53578</li> </ul> </li> <li>Windhagen Germany <ul> <li>(72)Name of Inventor :</li> <li>1)BARIMANI Cyrus</li> </ul> </li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:02/12/2011 :WO 2012/072786 :NA :NA	1)BARIMANI Cyrus 2)BUHR Karsten 3)HAEHN Guenter 4)LEHNERT Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a chisel holder for a soil treatment machine especially a road miller comprising a support base (21) to which an add on (30) is connected indirectly or directly on an add on side the support base (21) having two first and/or two second stripping surfaces (29.1 29.4) that are at angles relative each other the supporting base (21) having a treatment side with a chisel seat (27). In order to design a stable and rigid chisel holder the first and/or second stripping surfaces (29.1 29.4) diverge from the add on side towards the treatment side.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR DETECTING SERVICE DATA OF A PACKET DATA CONNECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H04L12/26 :PCT/EP2010/064918 :06/10/2010 :EPO :PCT/EP2011/066744 :27/09/2011	Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72) <b>Name of Inventor :</b>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/045611 :NA :NA :NA :NA	

(57) Abstract :

The invention relates to an apparatus a system a method and a computer program product for transmitting to a policy and/or charging server information relating to a user wherein the information comprises an indication of a service data detecting entity for detecting service data of a packet data connection of the user and initiating communication towards the service data detecting entity based on the received information.

No. of Pages : 26 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION	

(19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : DISPERSE AZO DYES

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:PCT/EP2011/071170 :28/11/2011 :WO 2012/084417 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUNTSMAN ADVANCED MATERIALS</li> <li>(SWITZERLAND) GMBH <ul> <li>Address of Applicant :Legal Services Department</li> </ul> </li> <li>Klybeckstrasse 200 CH 4057 Basel Switzerland</li> <li>(72)Name of Inventor : <ul> <li>1)NOWACK Patric</li> <li>2)LAUK Urs</li> <li>3)TZIKAS Athanassios</li> </ul> </li> </ul>
Number Filing Date	:NA	

(57) Abstract :

The present invention relates to disperse azo dyes based on diazo components having at least one fluorine containing substituent and an 2 6 diaminosubstituted pyridine coupling component to a process for the preparation of such dyes and to their use in the dyeing or printing of semi synthetic and especially synthetic hydrophobic fibre materials more especially textile materials.

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

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : INFORMATION PROCESSING APPARATUS INFORMATION PROCESSING SYSTEM METHOD OF PROCESSING INFORMATION AND PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:G06F13/00,G06Q50/22,G06Q50/24 :2011180438 :22/08/2011 y:Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/JP2012/004448 :10/07/2012 <sup>1</sup> :WO 2013/027323	1)KYUSOJIN Hiroshi 2)MIZUTANI Yoichi 3)HASEGAWA Yutaka 4)TAKAHASHI Masahiro
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(2) Divisional to</li> </ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

An information processing apparatus an information processing system and a method of processing information are provided. In one embodiment the information processing apparatus includes a processor and a memory device storing instructions. When executed by the processor the instructions cause the processor to receive from a first information processing apparatus area specifying information and location information the area specifying information specifying a display area in an image the display area including a plurality of partial images the location information indicating at least one location of the plurality of partial images. The instructions further cause the processor to transmit to a second information processing apparatus the area specifying information.

No. of Pages : 46 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : SECURITY E	BARRIER SYSTEM	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F41H11/05 :61/393193 :14/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)HALO MARITIME DEFENSE SYSTEMS Address of Applicant :1083 Bloomfield Avenue West Caldwell NJ 07006 U.S.A. (72)Name of Inventor : 1)BISHOP Justin</li></ul>

#### (57) Abstract :

A security barrier system includes a security barrier unit including a first panel group a second panel group a connecting member for connecting the first panel group and the second panel group. The first and second panel groups are disposed substantially in parallel and face each other. Each of the first and second panel groups includes one or more sub panel groups each of which includes barrier panels arranged in line intermediate members each disposed between adjacent barrier panels rope tubes and ropes. Each barrier panel has a front face a rear face and side faces and has channels passing through from one side face to another side face. The rope tubes are disposed in the channels respectively so that the rope tubes pass through the barrier panels and the intermediate members. The barrier panels and the intermediate members are connected by the ropes disposed in the rope tubes.

No. of Pages : 74 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SINGLE COMPONENT LOW TEMPERATURE CURABLE POLYMERIC COMPOSITION AND RELATED METHOD

(62) Divisional to Application Number :NA	11	:28/09/2011 :WO 2012/047690 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FERRO CORPORATION <ul> <li>Address of Applicant :1000 Lakeside Avenue Cleveland OH</li> </ul> </li> <li>44114 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)JIANG Hong</li> <li>2)SHAIKH Aziz S.</li> </ul> </li> </ul>
Filing Date :NA	11		

(57) Abstract :

Electrically conductive polymeric compositions curable at temperatures below 250°C are disclosed. The compositions are particularly well suited for forming electrodes used in association with certain solar cells.

No. of Pages : 22 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04N9/31	(71)Name of Applicant :
(31) Priority Document No	:2010206411	1)SEIKO EPSON CORPORATION
(32) Priority Date	:15/09/2010	Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
(33) Name of priority country	:Japan	Tokyo 1630811 Japan
(86) International Application No	:PCT/JP2011/005115	(72)Name of Inventor :
Filing Date	:12/09/2011	1)KUBOTA Shinji
(87) International Publication No	:WO 2012/035744	
(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 : PROJECTION DISPLAY APPARATUS AND METHOD OF CONTROLLING THE SAME

#### (57) Abstract :

A projection display apparatus includes an image projecting unit projecting an image an operation unit as an operation device whose output value changes depending on the amount of operation a correction amount setting unit changing a keystone correction amount in accordance with an output value of the operation unit and a keystone correcting unit performing keystone correction on an image to be projected in accordance with the keystone correction amount. A zero reference position in which the keystone correction amount is zero is set in an operation range of the operation unit. The correction amount setting unit sets a dead zone in the operation range such that the dead zone includes the zero reference position and an area surrounding this position and sets the keystone correction amount to zero in accordance with the output value corresponding to the inside of the dead zone.

No. of Pages : 34 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : MOISTURE METER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:A61B5/05,A61B5/00,A61B5/0408 :2010219964 :29/09/2010 :Japan :PCT/JP2011/005482 :28/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TERUMO KABUSHIKI KAISHA Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOYAMA Miyuki</li> <li>2)YOSHINO Keisuke</li> </ul>
(87) International Publication No	:WO 2012/042878	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a moisture meter which is capable of simply measuring the moisture content of a subject and is effective as an assisting means for assisting a subject in appropriately regulating fluid intake. [Solution] A moisture meter (1) for measuring the moisture content of a subject is provided with: a moisture measuring unit (30) for measuring the moisture content of a subject (M) by being held under the armpit (R) of the subject (M) and by having electrodes (30A 30B) for supplying a measurement current and electrodes (100A and 100B) for measuring the potential which are to come into contact with the skin of the armpit (R); and a temperature measuring unit (31) for measuring the temperature of the subject (M) by being held under the armpit (R) of the subject (M).

No. of Pages : 61 No. of Claims : 12

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COPRODUCTION OF ACETIC ACID AND ACETIC ANHYDRIDE

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:C07C51/12,C07C51/54,C07C67/08 :61/413214	<ul> <li>(71)Name of Applicant :</li> <li>1)EASTMAN CHEMICAL COMPANY Address of Applicant :200 South Wilcox Drive Kingsport TN</li> </ul>
(32) Priority Date	:12/11/2010	37660 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:09/11/2011	1)WELLMAN Gregory Abbott Jr. 2)EARLS Brandon Tyler 3)KLINE Robert Sterling
(87) International Publication No	:WO 2012/064830	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>1</sup> :NA :NA	

(57) Abstract :

Disclosed is a process for the coproduction of acetic acid and acetic anhydride by producing in a first carbonylation reactor a carbonylation product mixture containing acetic anhydride removing the carbonylation mixture from the first carbonylation reactor contacting the carbonylation mixture with methanol to react with and convert some or all of the acetic anhydride contained in the mixture to acetic acid and methyl acetate feeding the resulting reaction composition to a second carbonylation reactor and contacting the reaction composition to carbonylation.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : VALUE DOCUMENTS AND OTHER ARTICLES HAVING TAGGANTS THAT EXHIBIT DELAYED MAXIMUM INTENSITY EMISSIONS AND METHODS AND APPARATUS FOR THEIR AUTHENTICATION

(51) International classification	:G07D7/12,G06K7/10	(71)Name of Applicant :
(31) Priority Document No	:61/408817	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:01/11/2010	Address of Applicant :Patent Services M/S AB/2B 101
(33) Name of priority country	:U.S.A.	Columbia Road P. O. Box 2245 Morristown New Jersey 07962
(86) International Application No	:PCT/US2011/058542	2245 U.S.A.
Filing Date	:31/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/061276	1)RAPOPORT William Ross
(61) Patent of Addition to Application	:NA	2)LAU Carsten
Number	:NA	3)KANE James
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Value documents or other articles having authentication features authentication apparatuses and methods of authentication are provided that relate to the use of taggants that absorb radiation from an illumination source and emit radiation in a manner that has a maximum intensity occurring a duration of time after the illumination source has been switched off. The taggants include a crystalline composition comprising a host crystal lattice doped with a first rare earth active ion and in some examples a second rare earth active ion.

No. of Pages : 26 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HYBRID SYSTEM FOR ENHANCING ALGAL GROWTH USING VERTICAL MEMBRANES

(51) International classification	n:B01D47/00,C12M1/04,C12M1/12	(71)Name of Applicant :
(31) Priority Document No	:61/385981	1)OHIO UNIVERSITY
(32) Priority Date	:24/09/2010	Address of Applicant :101 Research and Technology Center
(33) Name of priority country	:U.S.A.	Athens OH 45701 U.S.A.
(86) International Application	:PCT/US2011/053254	(72)Name of Inventor :
No	:26/09/2011	1)BAYLESS David J.
Filing Date	.20/09/2011	2)STUART Ben
(87) International Publication	:WO 2012/040702	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

A method for enhancing gas to liquid transfer rate and algal growth using vertical membranes suspended over a pond wherein the membranes are formed of fibers. An aqueous solution is applied to the top edges of the membranes through a series of headers. The membranes are exposed to a stream of gas containing soluble gas species as the aqueous solution migrates downwardly through the membranes by virtue of gravity assisted capillary action. The aqueous solution collects the soluble gases from the gas stream thus promoting the growth of photosynthetic organisms on the membranes and in the pond. The membranes facilitate a gradual introduction of the aqueous solution into the pond at a preferred rate of about 1.3 gallons per minute per linear foot of membrane for optimizing the transfer soluble species from gaseous phase to aqueous phase without rapidly acidifying the pond and harming the photo trophic organisms.

No. of Pages : 18 No. of Claims : 27

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LITHIUM ION RECHARGEABLE BATTERY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(2010225313</li> <li>(32) Priority Date</li> <li>(35) Name of priority country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(63) Divisional to</li> <li>Application Number Filing Date</li> <li>(64) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(65) Divisional to</li> <li>Application Number Filing Date</li> </ul>	<ul> <li>I01M4/62</li> <li>(71)Name of Applicant : <ul> <li>1)SHIN KOBE ELECTRIC MACHINERY CO. LTD.</li> <li>Address of Applicant :8 1 Akashi cho Chuo ku Tokyo</li> <li>1040044 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)NISHIMURA Katsunori</li> <li>2)KUMASHIRO Yoshiaki</li> <li>3)KOHNO Kazushige</li> <li>4)KOBAYASHI Toshiyuki</li> </ul> </li> </ul></li></ul>
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#### (57) Abstract :

The present invention addresses the problem of increasing the life of a lithium ion rechargeable battery. This lithium ion rechargeable battery: is provided with a positive electrode having a positive electrode active material containing Mn a negative electrode having a negative electrode active material containing graphite and a non aqueous electrolyte solution containing electrolytes; and is characterized in that LiBF and LiPF are allowed to coexist in the electrolyte solution. The quantity of LiPF contained in the electrolyte solution is preferably larger than the quantity of LiBF. Further an iodide salt is preferably blended in. This results in phosphorus and boron oxides being deposited on the positive electrode and prevents the elution of the Mn contained in the positive electrode. The quantities of these electrolytes preferably decrease in order from phosphorus to boron to iodine.

No. of Pages : 39 No. of Claims : 5

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD FOR MANUFACTURING HOT STAMPED BODY HAVING VERTICAL WALL AND HOT STAMPED BODY HAVING VERTICAL WALL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C21D9/46,C22C38/00,C22C38/38 :2010237249 :22/10/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/JP2011/074320 :21/10/2011 :WO 2012/053642	Tokyo 1008071 Japan (72)Name of Inventor : 1)TOMOKIYO Toshimasa 2)HAYASHI Kunio 3)ASO Toshimitsu
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

The present invention provides a method for manufacturing a hot stamped body having a vertical wall said method comprising: a hot rolling process; a winding process; a cold rolling process; a continuous annealing process; and a hot stamping process. The continuous annealing process comprises: a heating process for heating a cold rolled steel sheet to the temperature range of Ac°C to less than Ac°C; a cooling process for cooling the cold rolled steel sheet from a maximum heating temperature to  $660^{\circ}$ C at a rate of  $10^{\circ}$ C/s or less; and a maintaining process for maintaining the cold rolled steel sheet in the temperature range of  $550^{\circ}$ C to  $660^{\circ}$ C for 1 to 10 minutes.

No. of Pages : 82 No. of Claims : 9

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : USE OF MEXIPROSTIL IN THE TREATMENT OF INFLAMMATORY BOWEL DISEASE AND/OR OF IRRITABLE BOWEL SYNDROME

(51) International classification (31) Priority Document No	:A61K31/5575,A61P1/04,A61K9/28 :MI2010A001908	<ul> <li>(71)Name of Applicant :</li> <li>1)COSMO TECHNOLOGIES LTD. Address of Applicant :Connolly Building 42 43 Amiens Street</li> </ul>
(32) Priority Date	:19/10/2010	Dublin 1 Ireland
(33) Name of priority country	y:Italy	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/IB2011/054627 :18/10/2011 <sup>1</sup> :WO 2012/052918	1)ASSANDRI Alessandro 2)MORO Luigi
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 the use of mexiprostil in the treatment and/or prevention of inflammatory bowel disease and of irritable bowel syndrome to the combinations of mexiprostil with other drugs and also to a novel method for the synthesis of mexiprostil.

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

(21) Application No.3273/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HEATER AND GLOW PLUG PROVIDED WITH SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:23/03/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)KYOCERA CORPORATION Address of Applicant :6 Takeda Tobadono cho Fushimi ku Kyoto shi Kyoto 6128501 Japan (72)Name of Inventor : 1)TAIMURAKoutarou</li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

To provide a highly reliable and highly durable heater wherein micro cracks generated by stress concentration due to local expansion are suppressed even if a large current is flowed to a bent portion of a lead in the case of a rapid temperature increase and the like and to provide a glow plug which is provided with the heater. [solution] A heater (1) of the present invention is characterized in being provided with: an insulating base body (2); a resistive body (3) which is embedded in the insulating base body (2); and a lead (4) which is embedded in the insulating base body (2) and which has one end side connected to the resistive body (3) and has a terminal section (41) on the other end side said terminal section being exposed from the surface of the insulating base body (2). The heater is also characterized in that the lead (4) has a bent portion (A) that is bent toward the terminal section (41) and that the aspect ratio of at least one cross section of the bent portion (A).

No. of Pages : 35 No. of Claims : 8

(22) Date of filing of Application :11/04/2013

#### (43) Publication Date : 14/11/2014

## (54) Title of the invention : RESINS FROM UNSATURATED POLYESTERS AND POLYSILAZANES AND DUROPLASTIC REACTION RESIN MOULDING MATERIALS PRODUCED THEREFROM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> </ul>	:C09K21/00,C08G63/695,C08L67/00 :10 2010 046 914.9 :29/09/2010 :Germany :PCT/EP2011/065890 :13/09/2011 :WO 2012/041698 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG</li> </ol> </li> <li>(71)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG</li> <li>DER ANGEWANDTEN FORSCHUNG E.V. <ul> <li>Address of Applicant :Hansastr. 27c 80686 M<sup>1</sup>/<sub>4</sub>nchen</li> </ul> </li> <li>(72)CLARIANT FINANCE (BVI) LIMITED</li> <li>(72)Name of Inventor : <ul> <li>BAUER Monika</li> <li>STEFFEN Sebastian</li> <li>DECKER Daniel</li> <li>RICHTER Frank</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number	:NA	4)RICHTER Frank

#### (57) Abstract :

The invention relates to an unsaturated polyester resin containing a polyester or a polyester mixture produced from at least one unsaturated dicarboxylic acid and at least one diol; and at least one silazane which is accessible for copolymerisation with a C=C double bond of the dicarboxylic acid. The invention also relates to an unsaturated polyester resin moulding material which can be obtained or is obtained by cross linking an unsaturated polyester resin as defined above. Said moulding material can optionally contain reinforcing materials. Said unsaturated polyester resin can be produced using the following steps: a) a polyester from at least one diol and at least one unsaturated dicarboxylic acid is provided; b) at least one silazane which is accessible for copolymerisation with a C=C double bond of the dicarboxylic acid is provided; b) at least one silazane which is accessible for copolymerisation with a C=C double bond of the dicarboxylic acid is provided; (c) the components are mixed according to (a) and (b). The unsaturated polyester resin moulding material can be produced from the above mentioned polyester resin by hardening thereof by means of a radical initiator.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : RELEASABLY CLOSABLE PRODUCT ACCOMMODATING PACKAGE (51) International classification :B65D5/00,B65D85/60 (71)Name of Applicant : 1)KRAFT FOODS GLOBAL BRANDS LLC (31) Priority Document No :61/407385 (32) Priority Date Address of Applicant : Three Lakes Drive Northfield IL 60093 :27/10/2010 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/057982 (72)Name of Inventor: Filing Date :27/10/2011 1)CLARK Kerri (87) International Publication No :WO 2012/058367 **2)HAWTHORNE Brian** (61) Patent of Addition to Application 3)RODRIGUEZ Maximiliano :NA Number 4)ALDRIDGE Allen Sydney :NA Filing Date **5)GAINEY Simon Richard** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A releasable closure provides for the opening and closing of a package assembly which accommodates a plurality of elongate consumable products. The assembly includes a package housing for supporting the products. The package housing includes a first product accommodating compartment and a second product accommodating compartment separated by a hinge. Each of the product accommodating compartments has an open end adjacent the hinge. The product accommodating compartments are foldable about the hinge in a book like fashion. The releasable closure is applied to each compartment and positioned to be in aligned facing relationship for mutual engagement upon closably folding the compartments about the hinge.

No. of Pages : 22 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PROCESS FOR ANNEALING PHOTOVOLTAIC ENCAPSULATION POLYMER FILM

(51) International classification	:C08J5/18,H01L31/048	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOVOPOLYMERS
(32) Priority Date	:NA	Address of Applicant : Rijksweg 8A B 2870 Puurs Belgium
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/006190	1)DECLERCK Johan Willy
Filing Date	:11/10/2010	
(87) International Publication No	:WO 2012/048715	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A process for annealing photovoltaic polymer encapsulation film (3) the film comprising polymer molecules substantially oriented along a machine direction characterized in that the film is heated supported on a support surface of support means (12) with heating means to a relaxation temperature to increase the isotropy of the polymer molecules such that the film is at least partly annealed the support means (12) comprising a fluid (13) between the film (3) and the support surface.

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

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HALOGENATED DIETHYLTOLUENEDIAMINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document</li> <li>No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07C209/74,C07C211/52,C07C233/43 :10013629.0 :14/10/2010 :EPO :PCT/EP2011/005067 :11/10/2011 :WO 2012/048845 ? :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LONZA LTD <ul> <li>Address of Applicant :Lonzastrasse CH 3930 Visp</li> </ul> </li> <li>Switzerland <ul> <li>(72)Name of Inventor :</li> <li>1)ELLINGER Stefan</li> <li>2)LA DELFA Gaetano</li> <li>3)MLLER Constanze</li> </ul> </li> </ul>
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#### (57) Abstract :

Disclosed are halogenated diethyltoluenediamines of formula I wherein either R is an amino group and R is chlorine or bromine or R is an amino group and R is chlorine or bromine and isomeric mixtures thereof. The halogenated diethyltoluenediamines of formula I are useful as chain extenders for polyurethanes and hardeners for epoxy resins having a relatively long gel time.

No. of Pages : 19 No. of Claims : 14

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHODS FOR CAPTURING VIRUS LIKE PARTICLES FROM PLANTS USING EXPANDED BED CHROMATOGRAPHY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:PCT/EP2011/068919 :27/10/2011 :WO 2012/055986 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)LIHME Allan</li> <li>2)OISHI Karen</li> <li>3)VAARST Inga</li> <li>4)CABRERA Rosa</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention relates to a method for capturing virus like particles of interest from a mixture comprising the use of an expanded bed of adsorbent; suitably wherein said method comprises the steps of: (a) providing an expanded bed of adsorbent; (b) contacting the mixture with the adsorbent such that the constituents of the mixture contact the expanded bed of adsorbent; (c) optionally washing the adsorbent; and (d) optionaliy eluting the particle of interest from the adsorbent.

No. of Pages : 62 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : CYCLOSPO	RIN ANALOGS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07K7/64 :61/392449 :12/10/2010 :U.S.A. :PCT/US2011/055791 :11/10/2011 :WO 2012/051194 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLERGAN INC.</li> <li>Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92612 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CARLING William Robert</li> <li>2)FRYDRYCH Catherine Simone Victorire</li> <li>3)GARST Michael E.</li> <li>4)STERN Michael E.</li> <li>5)SCHAUMBURG Christopher S.</li> </ul>

### (57) Abstract :

Disclosed herein are novel analogs of cyclosporin pharmaceutical compositions containing them and methods for their use in the treatment of dry eye and other conditions.

No. of Pages : 63 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : CYCLOSPO	RIN ANALOGS	
<ul> <li>(54) The of the invention . CTCDOSPONE</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C07K7/64 :61/392451 :12/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant : <ol> <li>Address of Applicant :2525 Dupont Drive Irvine California</li> <li>92612 U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>CARLING William Robert</li> <li>SCOWEN David Arthur</li> <li>GARST Michael E.</li> <li>STERN Michael E.</li> <li>SCHAUMBURG Christopher S.</li> </ol> </li> </ul>

#### (57) Abstract :

Disclosed herein are novel analogs of cyclosporin pharmaceutical compositions containing them and methods for their use in the treatment of dry eye and other conditions.

No. of Pages : 39 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : LITHIUM ION BATTERY

<ul> <li>(51) International classification</li> <li>(31) Priority</li> <li>Document No</li> <li>(32) Priority Date</li> <li>(33) Name of prioritic country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of</li> <li>Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:PCT/JP2011/068775 :19/08/2011 :WO 2012/046514 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHIN KOBE ELECTRIC MACHINERY CO. LTD. Address of Applicant :8 1 Akashi cho Chuo ku Tokyo 1040044 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NISHIMURA Katsunori</li> <li>2)KUMASHIRO Yoshiaki</li> <li>3)KOHNO Kazushige</li> <li>4)KOBAYASHI Toshiyuki</li> </ul>
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(57) Abstract :

The purpose of the present invention is to improve the fire resistance of the electrolytes used in a lithium ion battery and to improve the life of the lithium ion battery. For this lithium ion battery specific quantities of ethylene carbonate and dimethyl carbonate are used in a non aqueous electrolyte solution and trimethyl phosphate is added. Specifically the non aqueous electrolyte solution: has ethylene carbonate (EC) and dimethyl carbonate (DMC) at a ratio of not less than 60 vol% and the volume ratio of DMC to the sum of EC and DMC is 0.3 to 0.6; and contains 3 to 5 wt% of trimethyl phosphate (TMP) with respect to the total weight of the non aqueous solution. Such a non aqueous solution has the effect of improving self extinguishing properties and improves the safety of the lithium ion battery.

No. of Pages : 31 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A BUILDING MATERIAL CONTAINING PCM AND A CLIMATE ENVELOPE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication No:WO 2012/036606</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>(87) International Publication No:WO 2012/036606</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	<ul> <li>(71)Name of Applicant : <ul> <li>1)SUNDBERG Per Gsta</li> <li>Address of Applicant :Sibyllegatan 65 S 114 43 Stockholm</li> </ul> </li> <li>Sweden <ul> <li>(72)Name of Inventor : <ul> <li>1)SUNDBERG Per Gsta</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

A construction material for climate envelopes comprising of floor walls roof windows and case mouldings with outer layer made of wood with a surface layer with endothermic effect (1) insulating material (2) with a surface layer of metal an air gap (3) for air circulation inside the material (7) and out towards adjacent rooms through intake air from floor space (6) spaces (4) enclosing a PCM material (5) with a surface layer of metal to heat and cool the house heat water heat and refrigerate food. The climate envelope contains solar collectors when glass is substituted for the exterior layer of wood and has the shape of a cuboid or prism for transport and storage of energy. The climate envelope may be produced by that people not skilled in the art assembles a construction kit having an area of 15 square meters and which constitutes a home module and wherein several modules can make up larger building.

No. of Pages : 23 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :12/04/2013

(54) Title of the invention : INSTRUMENT DRIVING DEVICE

#### (43) Publication Date : 14/11/2014

(51) International classification	:G01D11/16,H02K7/116	(71)Name of Applicant :
(31) Priority Document No	:2010206254	1)NIPPON SEIKI CO.LTD.
(32) Priority Date	:15/09/2010	Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi
(33) Name of priority country	:Japan	Niigata 9408580 Japan
(86) International Application No	:PCT/JP2011/068733	(72)Name of Inventor :
Filing Date	:19/08/2011	1)WATANABEMasahiro
(87) International Publication No	:WO 2012/035926	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Provided is an instrument driving device which is capable of suppressing loss of synchronism caused by vibration and impact etc. The driving device (1) comprises: a magnet (2) which rotates; a driving gear (3) which is coaxial with the magnet (2); an output gear (5) which is driven by the magnet (2); a needle pointer shaft (6) which has a needle pointer (14) mounted thereon and also rotatably supports the output gear (5); a transmission gear (4) which transmits rotation of the driving gear (3) to the output gear (5); and a case (12) which accommodates parts of the magnet (2) the driving gear (3) the output gear (5) the transmission gear (4) and the needle pointer shaft (6) wherein a stopper (16) and a bearing part (12c) which rotatably supports the needle pointer shaft (6) are provided in the case (12) a protrusion (15) which makes contact with the stopper (16) is formed in the output gear (5) a contact point (12d) with which the needle pointer shaft (6) makes contact is formed in the bearing part (12c) and the end section (16b) at the protrusion (15) side of the stopper (16) is in the same position as the contact point (12d) in the axial direction of the needle pointer shaft (6).

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR ELECTRICAL POWER GENERATION FROM HEAT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01L31/04,H01L35/00 :61/381984 :11/09/2010 :U.S.A. :PCT/US2011/051065 :09/09/2011 :WO 2012/034059 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OREM Peter Milon <ul> <li>Address of Applicant :12107 SE 174th Ln Ll203 Renton WA</li> </ul> </li> <li>98058 U.S.A. </li> <li>(72)Name of Inventor : <ul> <li>1)OREM Peter Milon</li> </ul> </li> </ul>
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#### (57) Abstract :

Systems and methods are operable to generate electric power from heat. An exemplary direct thermal electric converter embodiment includes at least a first recombination material having a first recombination rate a second recombination material adjacent to the first recombination material and having a second recombination rate wherein the second recombination rate is different from the first recombination rate and a third recombination material adjacent to the second recombination material and having a third recombination rate. Application of heat generates at least first charge carriers that migrate between the first recombination material and the second recombination material and generates at least second charge carriers that migrate between the third recombination material and the second recombination material. The migration of the first charge carriers and the migration of the second charge carriers an electrical current.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING A METHANE RICH GAS FROM SYNTHESIS GAS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C1/06,B01J19/24 :10 2010 037 980.8 :05/10/2010 :Germany :PCT/EP2011/067369 :05/10/2011 :WO 2012/045766 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THYSSENKRUPP UHDE GMBH Address of Applicant :Friedrich Uhde Strae 15 44141 Dortmund Germany</li> <li>(72)Name of Inventor :</li> <li>1)MENZEL Johannes</li> <li>2)THIELERT Holger</li> </ul>
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#### (57) Abstract :

The invention relates to a process for producing a methane rich gas from synthesis gas. The starting point is a process in which a synthesis gas (4) comprising CO and H is mixed with a gas stream (8) branched off and recycled from the methane rich product gas and is then conducted through a catalyst bed (1) of a methanization catalyst methanization being effected in the catalyst bed (1) and the gas stream being heated by heat of reaction released. According to the invention the catalyst bed (1) is divided between several methanization stages through which the flow passes successively (2.1 to 2.4) and the synthesis gas (4) is correspondingly divided into substreams (4.1 to 4.4) each of which is supplied to the catalyst bed (1) of an associated methanization stage (2.1 to 2.4). The gas (6.1 to 6.3) which leaves a methanization stage and is heated up by methanization reactions in this stage is mixed with the synthesis gas substream (4.2 to 4.4) for the downstream methanization stage and cooled at the same time. The resulting mixed gas stream is supplied to the catalyst bed of the downstream methanization stage as feed gas.

No. of Pages : 17 No. of Claims : 21

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : COMPOSITE MATERIAL COMPONENT SUITABLE FOR USE IN COMPOSITE MATERIAL AND RELATED METHODS AND STRUCTURES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:1015290.8 :14/09/2010 :U.K. :PCT/GB2011/051731 :14/09/2011 :WO 2012/035347 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)A.B.G. LIMITED Address of Applicant :E7 Meltham Mills Road Meltham Holmfirth Yorkshire HD9 4DS U.K.</li> <li>(72)Name of Inventor :</li> <li>1)HERBERT Jim</li> <li>2)SLATER Paul</li> <li>3)BAMFORTH Alan</li> </ul>
(61) Patent of Addition to Application		· ·

(57) Abstract :

A composite material comprising a plurality of drainage members intersecting to provide interconnected fluid drainage paths.

No. of Pages : 23 No. of Claims : 36

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : SALT(S) OF 7 CYCLOPENTYL 2 (5 PIPERAZIN 1 YL PYRIDIN 2 YLAMINO) 7H PYRROLO[2 3 D]PYRIMIDINE 6 CARBOXYLIC ACID DIMETHYLAMIDE AND PROCESSES OF MAKING THEREOF

Address of Applicant :Lichtstrasse 35 CH 4056 Basel zerland ASTEX THERAPEUTICS LTD Name of Inventor : CALIENNI John Vincent CHEN Guang Pei GONG Baoqing KAPA Prasad Koteswara GAXENA Vishal
zerla ASTI Nam CAL CHE GON KAP

(57) Abstract :

This invention relates to (1) process of making 7 Cyclopentyl 2 (5 piperazin 1 yl pyridin 2 ylamino) 7H pyrrolo[2 3 d]pyrimidine 6 carboxylic acid dimethylamide and salts thereof; (2) novel salt(s) of 7 Cyclopentyl 2 (5 piperazin 1 yl pyridin 2 ylamino) 7H pyrrolo[2 3 d]pyrimidine 6 carboxylic acid dimethylamide; (3) pharmaceutical compositions comprising the same; and (4) methods of treatment using the same.

No. of Pages : 38 No. of Claims : 18

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : IMPROVED PROCESS FOR RECOVERING SUGARS FROM A PRETREATMENT STREAM OF LIGNOCELLULOSIC BIOMASS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:D21B1/02,D21B1/12,D21B1/36 :TO2010A000794 :29/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)BETA RENEWABLES S.P.A. Address of Applicant :Strada Ribrocca 11 I 15057 TORTONA</li> </ul>
(33) Name of priority country	:Italy	(Alessandria) Italy
(86) International Application No	o:PCT/IB2011/054294	(72)Name of Inventor :
Filing Date	:29/09/2011	1)OTTONELLO Piero
(87) International Publication No :WO 2012/042498		2)FERRERO Simone
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TORRE Paolo 4)CHERCHI Francesco 5)DE FAVERI Danilo
(62) Divisional to Application Number Filing Date	:NA :NA	6)ORIANI Luis

(57) Abstract :

This specification discloses an improved method for conducting the removal of C5 xylan based sugars from biomass. The improved method involves a series of soakings and washings of the biomass as opposed to conducting one soaking and washing step.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : MOLD TOOL SYSTEM HAVING MELT MIXER ASSEMBLY INCLUDING MELT DRIVEN ROTOR ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B29C45/18,B29C33/00 :61/416763 :24/11/2010 :U.S.A. :PCT/CA2011/050722 :22/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)HUSKY INJECTION MOLDING SYSTEMS LTD. Address of Applicant :500 Queen Street South Bolton Ontario L7E 5S5 Canada</li> <li>(72)Name of Inventor :</li> <li>1)FERENC Stephen Daniel</li> </ul>
6		1)FERENC Stephen Daniel
(87) International Publication No	:WO 2012/068683	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mold tool system (100) comprising: a melt mixer assembly (110) including: a melt driven rotor assembly (114) being configured to be driven by a flowable melt.

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

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR PRODUCING GRANULES OF IRON ORE RAW MATERIAL AND GRANULES OF IRON ORE RAW MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C22B1/16,B01J2/12,C22B1/244 :2010228908 :08/10/2010 :Japan :PCT/JP2011/073238 :07/10/2011 o:WO 2012/046848 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan <ul> <li>(72)Name of Inventor : <ul> <li>NARIKI Shinya</li> </ul> </li> <li>2)MATSUBAYASHI Shigeharu</li> <li>3)NAKANO Masanori</li> <li>4)KAWACHI Shinji</li> </ul> </li> </ul>
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(57) Abstract :

This process for producing granules of an iron ore raw material involves a step of adding 0.01 10 parts by mass of a polymeric surfactant having both a hydrophobic group and an acidic functional group and having a molecular weight of 10000 30000 CaO and/or Ca(OH) in the total amount of 0.5 parts by mass or more in terms of Ca(OH) content and 3 25 parts by mass of water to 100 parts by mass of an iron ore raw material comprising a powdery iron ore.

No. of Pages : 37 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : AIRBAG RESCUE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> <li>Number Filing Date</li> </ul>	<sup>n</sup> :PCT/IB2011/002176 :14/09/2011 <sup>1</sup> :WO 2012/035422 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARCTERYX EQUIPMENT INC Address of Applicant :100 2155 Dollarton Hwy. North Vancouver BC V7H 3B2 Canada</li> <li>(72)Name of Inventor :</li> <li>1)BLENKARN Michael Douglas</li> <li>2)FAYLE Thomas Walker Clarke</li> <li>3)ROSE Gordon Thompson</li> </ul>
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(57) Abstract :

The invention is directed to an airbag system and more particularly to such a system employed as a rescue or life saving system to enable a person to survive an avalanche. In a particular embodiment the invention relates to an airbag system utilized with a backpack to be worn by a skier snowboarder hiker or snowmobiler for example. Instead of relying upon compressed gas cartridges or cylinders to inflate the airbag(s) the invention inflates the airbag(s) with ambient air only. In a particular embodiment air is supplied to the airbag by means of a battery powered electrical motor.

No. of Pages : 25 No. of Claims : 22

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ORAL COMPOSITIONS CONTAINING MICROAGGREGATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA :PCT/US2010/055764 :08/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York</li> <li>10022 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MILLER Steven</li> <li>2)XU Guofeng</li> <li>3)FEI Lin</li> <li>4)YANG Ying</li> <li>5)JARACZ Stanislav</li> </ul>
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(57) Abstract :

The invention relates to a composite and oral care compositions for use in the mouth to retard the accumulation of dental plaque and/or calculus. The composite is a microaggregate comprising polymer coated surfactant stabilized particles of a substantially insoluble metal metal salt or metal oxide for example zinc oxide. Also methods for retarding the accumulation of dental plaque and/or calculus are provided.

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

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (51) International classification :C08F257/00,C08F279/00 (71)Name of Applicant : (31) Priority Document No :61/408035 1)FINA TECHNOLOGY INC. Address of Applicant : P.O. Box 674412 Houston TX 77267 (32) Priority Date :29/10/2010 (33) Name of priority country :U.S.A. 3312 U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2011/056652 Filing Date :18/10/2011 1)SUN Likuo (87) International Publication No :WO 2012/058055 2)SOSA Jose (61) Patent of Addition to Application **3)EON Serge** :NA Number 4)CORLETO Carlos :NA Filing Date **5)COOPER Scott** (62) Divisional to Application Number :NA Filing Date :NA

### (54) Title of the invention : METHODS OF MAKING HIGH IMPACT POLYSTYRENE

(57) Abstract :

The abstract was not in accordance with PCT Rule 8.1 (b) because it was more than 150 words in length. The ab stract has been established by this Authority to read as follows: A process for producing high impact polystyrene including feed ing at least one vinyl aromatic monomer; an elastomer, and a free radical initiator to a first linear flow reactor to form a reaction mixture. Polymerizing the reaction mixture in the first linear flow reactor to a point below the point at which phase inversion occurs to produce a first polymerization mixture and feeding the first polymerization mixture from the first linear flow reactor. Polymerizing the reaction mixture in the second linear flow reactor to at least a phase inversion point of the mixture to produce a second polymerization mixture from the second linear flow reactor to at least a third linear flow reactor for post.inversion polymerization of the second polymerization mixture.

No. of Pages : 67 No. of Claims : 36

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CURRENT OUTPUT STAGE HAVING AUTOMATIC ACTIVE PASSIVE SWITCHING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G05F1/56,G05B19/042 :10 2010 038 152.7 :13/10/2010 :Germany :PCT/EP2011/067871 :13/10/2011 :WO 2012/049239 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PHOENIX CONTACT GMBH &amp; CO. KG Address of Applicant :Flachsmarktstrae 8 32825 Blomberg Germany</li> <li>(72)Name of Inventor :</li> <li>1)MEIER Heinz Wilhelm</li> </ul>
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(57) Abstract :

The invention relates to a current output stage (100) comprising an input (IN) an output (OUT) for connecting to an input of a unit (200) to be supplied with current a control stage (T1 T2 Z1) which sets the output current (Iout) and an energy supply stage (Uv;Uv Uv) which can provide energy for the output current (Iout). The current output stage (100) comprises a first transistor (T1) which controls the output current in a closed loop in the passive operating mode and the current output stage (100) contains a second transistor (T2; T2 T3) which controls the output current (Iout) in a closed loop in the active operating mode wherein the first transistor (T1) and the second transistor (T2; T2 T3) is controlled by a control stage (OP1) in an open loop and wherein in the active operating mode the energy supply stage (Uv;Uv Uv) is controlled in an open loop such that same provides energy for the output current (Iout).

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

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H01L51/44	(71)Name of Applicant :
(31) Priority Document No	:61/392783	1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN
(32) Priority Date	:13/10/2010	Address of Applicant :Office of Technology Transfer 1214 S.
(33) Name of priority country	:U.S.A.	University Ave. 2nd Floor Ann Arbor MI 48104 2592 U.S.A.
(86) International Application No	:PCT/US2011/055578	(72)Name of Inventor :
Filing Date	:10/10/2011	1)FORREST Stephen R.
(87) International Publication No	:WO 2012/051101	2)LUNT Richard R.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : ORDERED ORGANIC ORGANIC MULTILAYER GROWTH

(57) Abstract :

An ordered multilayer crystalline organic thin film structure is formed by depositing at least two layers of thin film crystalline organic materials successively wherein the at least two thin film layers are selected to have their surface energies within  $\pm$  50% of each other and preferably within  $\pm$  15% of each other whereby every thin film layer within the multilayer crystalline organic thin film structure exhibit a quasi epitaxial relationship with the adjacent crystalline organic thin film.

No. of Pages : 41 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :05/04/2013

#### (54) Title of the invention : NOVEL HETEROCYCLIC COMPOUNDS AS PESTICIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> </ul>	:C07D401/04,C07D401/14,C07D413/04 :10188470.8 :22/10/2010 :EPO :PCT/EP2011/068129	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim am Rhein Germany</li> <li>(72)Name of Inventor :</li> <li>1)BRETSCHNEIDER Thomas</li> <li>2)K-HLER Adeline</li> <li>3)KLUTH Joachim</li> </ul>
Application No Filing Date	:17/10/2011	4)FLEIN Martin 5)JESCHKE Peter
(87) International Publication No	:WO 2012/052412	6)FISCHER Reiner 7)MHLTHAU Friedrich August
(61) Patent of Addition to Application Number Filing Date	):NA :NA	8)MALSAM Olga 9)VOERSTE Arnd 10)MLLER Klaus Helmut
(62) Divisional to Application Number Filing Date	:NA :NA	11)SATO Yoshitaka

(57) Abstract :

The present application relates to novel heterocyclic compounds, to processes for preparation thereof and to the use thereof for controlling animal pests, which also include arthropods and especially insects.

No. of Pages : 121 No. of Claims : 4

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM AND METHOD FOR THE CONTINUOUS TREATMENT OF SOLIDS AT NON ATMOSPHERIC PRESSURE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:PCT/US2011/057345 :21/10/2011 :WO 2012/054869 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BEPEX INTERNATIONAL LLC Address of Applicant :333 N.E. Taft Street Minneapolis MN</li> <li>55413 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KOENIG Peter M.</li> <li>2)KIMBALL Gregory J.</li> <li>3)PHILLIPS David Lonnie</li> </ul>
Filing Date	INA	

(57) Abstract :

Systems and processes may be used for continuously processing a solid material such as a solid starch bearing material at a non atmospheric pressure. In some examples the material is delivered to a process vessel at substantially the same non atmospheric pressure condition as the process vessel so as to avoid shearing the material. In some examples the solid material is continuously fed into a process vessel continuously processed in the process vessel and continuously discharged from the process vessel.

No. of Pages : 37 No. of Claims : 22

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROSTHESIS COMPONENT WITH ANTIMICROBIALLY COATED SLIDE SURFACE

#### (51) International classification :A61L27/30,A61L27/50,A61F2/36 (71)Name of Applicant : (31) Priority Document No 1)DERU GMBH :10013320.6 (32) Priority Date :05/10/2010 Address of Applicant :Oststrasse 4 10 22844 Norderstedt (33) Name of priority country :EPO Germany (86) International Application (72)Name of Inventor : :PCT/EP2011/067072 No 1)THULL Roger :30/09/2011 Filing Date (87) International Publication :WO 2012/045672 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 prosthesis component (11 23) of a joint endoprosthesis. The prosthesis component (11 23) comprises a slide surface (19 24) which is designed to form a slide joint together with a matching slide surface (26) of another prosthesis component (11 23). According to the invention the slide surface (19 24) is formed by a slide surface coating (20) which is applied to the body of the prosthesis component (10 22) wherein the slide surface coating (20) has an antimicrobial action. The slide surface coating (20) according to the invention acts against microorganisms in the area of the slide joint.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LINKER FOR UNIMOLECULAR FRET BIOSENSOR BASED ON PRINCIPLE OF FLUORESCENCE **RESONANCE ENERGY TRANSFER**

(51) International classification:C07K14/00,A01K67/027,C12M1/00(31) Priority Document No (32) Priority Date:2010215738(32) Priority Date:27/09/2010(33) Name of priority country:Japan(86) International Application No Filing Date:PCT/JP2011/071891(87) International Filing Date:WO 2012/043477(87) International Filing Date:NA :NA(61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Application Number Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Kyoto University Address of Applicant :36 1 Yoshida honmachi Sakyo ku Kyoto shi Kyoto 6068501 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MATSUDA Michiyuki</li> <li>2)KOMATSU Naoki</li> <li>3)AOKI Kazuhiro</li> <li>4)KAMIOKA, YUUJI</li> <li>5)YUKINAGA Hiroko</li> <li>6)INAOKA Yoshie</li> <li>7)SAKURAI Aturou</li> <li>8)KIYOKAWA Etuko</li> <li>9)SUMIYAMA Kenta</li> </ul>
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(57) Abstract :

To provide a linker for a unimolecular FRET biosensor as well as a unimolecular FRET biosensor and such generally containing a linker which enable the measurement of non invasive serine threonine protein kinase activity tyrosine kinase activity and small GTP binding protein activity and are based on the principle of fluorescence resonance energy transfer. [Solution] Provided is: a linker that is a polypeptide containing between 52 and 400 amino acid residues with at least 95% of the total number of amino acid residues comprising glycine serine threonine and alanine and which contains 35 65% of glycine 10 40% of serine and/or threonine and 10 40% of alanine; unimolecular FRET biosensors mostly containing linkers; a transformed cell which holds an expression vector containing a gene which codes the biosensors; and a transgenic nonhuman animal.

No. of Pages : 187 No. of Claims : 20

(21) Application No.3290/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : STEEL SHEET AND STEEL SHEET PRODUCTION PROCESS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2011/074299 :21/10/2011 :WO 2012/053637 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NIPPON STEEL &amp; SUMITOMO METAL</li> </ol> </li> <li>CORPORATION <ul> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008071 Japan</li> <li>(72)Name of Inventor : <ul> <li>HAYASHI Kunio</li> <li>ASO Toshimitsu</li> </ul> </li> <li>3)TOMOKIYO Toshimasa</li> </ul>
Number	:NA :NA	

(57) Abstract :

The present invention provides a steel sheet which has a chemical composition that comprises in mass% 0.18% 0.35% of C 1.0% 3.0% of Mn 0.01% 1.0% of Si 0.001% 0.02% of P 0.0005% 0.01% of S 0.001% 0.01% of N 0.01% 1.0% of Al 0.005% 0.2% of Ti 0.0002% 0.005% of B 0.002% 2.0% of Cr and a remainder made up by iron and unavoidable impurities a ferrite fraction of 50% by volume or more an un recrystallized ferrite fraction of 30% by volume or less and a value of the ratio of the concentration (Cr) of Cr that is dissolved in a solid form in an iron containing carbide to the concentration (Cr) of Cr that is dissolved in a solid form in the ratio of the concentration (Mn) of Mn that is dissolved in a solid form in the iron containing carbide to the concentration in the matrix (i.e. Mn/Mn) of 10 or less.

No. of Pages : 77 No. of Claims : 8

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : BATTERY PACK METHOD FOR CHARGING/DISCHARGING SAME AND POWER CONSUMPTION DEVICE

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	1 :H02J7/00,H01M2/10,H01M10/44 :2010235129 :20/10/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION         <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> <li>Japan</li> </ul> </li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/JP2011/070453 :08/09/2011 :WO 2012/053292	<ul> <li>(72)Name of Inventor :</li> <li>1)OZAWA Atsushi</li> <li>2)NAKAMURA Kazuo</li> <li>3)HOTTA Shin</li> <li>4)MARUTANI Kentaro</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(2) Distribution of the second s</li></ul>	:NA :NA	5)UESAKA Shinichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This charging/discharging method is of a battery pack having an auxiliary charging/discharging device and a battery assembly wherein a plurality of secondary battery cell parallel modules comprising a plurality of secondary battery cells connected in parallel are connected in series. During charging/discharging when there is no abnormality in the secondary battery cells the auxiliary charging/discharging device is connected in parallel with one of the secondary battery cell parallel modules. During charging/discharging when there is an abnormality in one of the secondary battery cells the connection to the secondary battery cell at which the abnormality arose is removed in the secondary battery cell parallel module containing the secondary battery cell at which the abnormality arose and the auxiliary charging/discharging device is connected in parallel to the secondary battery cell parallel module containing the secondary battery cell at which the abnormality arose.

No. of Pages : 57 No. of Claims : 20

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR REFINING CRUDE ACETYLS MIXTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:C07C51/44,C07C51/573,C07C53/08 :61/413224 :12/11/2010 :U.S.A. :PCT/US2011/059958 :09/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)EASTMAN CHEMICAL COMPANY <ul> <li>Address of Applicant :200 South Wilcox Drive Kingsport TN</li> </ul> </li> <li>37660 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)MAYFIELD George Geiger</li> <li>2)LANE Donald Wayne</li> <li>3)ROBERT MELVIN SCHISLA, JR.</li> <li>(4)DYSON Honsy</li> </ul> </li> </ul>
Filing Date (87) International Publication No	:WO 2012/064832	4)DYSON Henry 5)BEWLEY Jerry Lee
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a process for refining a crude acetyls mixture produced by carbonylation wherein the mixture comprises acetic anhydride acetic acid ethylidene diacetate and iodine containing compounds to produce a mixture of acetic anhydride and acetic acid containing reduced levels of iodine and ethylidene diacetate impurities.

No. of Pages : 19 No. of Claims : 8

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LIGHTER -THAN -AIR WIND TURBINE WITH MICROWAVE POWER TRANSMISSION

	:F03D9/00,F03D11/00,H02J17/00	
(31) Priority Document No	:1015621.4	1)GOODALL Peter Robert
(32) Priority Date	:17/09/2010	Address of Applicant :100 Albert Street St Albans
(33) Name of priority country	:U.K.	Hertfordshire AL1 1RU U.K.
(86) International Application	:PCT/GB2011/001271	(72)Name of Inventor :
No	:26/08/2011	1)GOODALL Peter Robert
Filing Date	.20/08/2011	
(87) International Publication No	:WO 2012/035287	
(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 a device to pass electrical currents to the ground from a wind energy conversion device by microwaves to a fixed point

No. of Pages : 20 No. of Claims : 10

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : GEARBOX FOR MECHANISM FARMING IMPLEMENT AND MECHANIZED FARMING IMPLEMENT COMPRISING SUCH A GEARBOX

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:F16H3/24,F16H63/36,B62D51/06 :1058300 :12/10/2010 :France :PCT/EP2011/067744 :11/10/2011 :WO 2012/049184 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PUBERT HENRI SAS <ul> <li>Address of Applicant :Route de Pouzauges ZI de Pierre Brune</li> </ul> </li> <li>F 85110 Chantonnay France</li> <li>(72)Name of Inventor : <ul> <li>1)GERBAUD Nicolas</li> <li>2)VION Peter</li> <li>3)LEJEUNE Pierre</li> </ul> </li> </ul>
Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a gearbox for a mechanism farming implement intended to interconnect driving means of the members that drive the implement the box comprising an input shaft (10) designed to be rotationally driven by said driving means; an output shaft (9) designed to drive said drive members of the implement; a pinion (6) known as the sliding pinion mounted such that it can move on the input shaft (10) and designed to occupy at least one first forward operation position at least one second forward operation position and at least one reverse operation position. The box is configured such that the reverse operation position of the sliding pinion (6) is situated between two forward operation positions.

No. of Pages : 38 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD AND DEVICE FOR LOCKING A SUPPORT RING TO A SCAFFOLDING COLUMN

<ul> <li>(32) Filing Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(35) International Application No: PCT/NO2011/000310</li> <li>Filing Date</li> <li>(34/11/2011</li> <li>(87) International Publication No: WO 2012/064198</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>Number</li> <li>NA</li> </ul>	<ul> <li>(86) International Application N Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:20101573 :08/11/2010 :Norway No :PCT/NO2011/000310 :04/11/2011 Io :WO 2012/064198 :NA :NA :NA	1)ALUSTAR AS Address of Applicant :Postboks 95 N 4097 Sola Norway (72)Name of Inventor :
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#### (57) Abstract :

A method and device for locking of a support ring (8) to a scaffolding column (1) wherein the support ring (8) is formed with a through opening (10) and wherein the support ring (8) fits in a complementary and displaceable manner onto the scaffolding column (1) and wherein the method comprises: providing an external mantel surface of the scaffolding column (1) with a longitudinal column track (4); providing an inner mantel (12) of the support ring (8) with a ring track (14); displacing a support ring (8) along and around the scaffolding column (1); positioning the column track (4) and the ring track (14) next to each other; and displacing a thread body (22) into the column track (4) and the ring track (14) during rotation of the thread body (22) about a longitudinal axis (28) thereof a column track depth (6) and a ring track depth (16) having a collective depth being smaller than an external thread diameter (30) of the thread body (22).

No. of Pages : 12 No. of Claims : 3

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : REFRIGERATOR/FREEZER DOOR AND/OR METHOD OF MAKING THE SAME

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:C03C4/00,C03C17/36,A47F3/04 :12/923953 :15/10/2010 :U.S.A. :PCT/US2011/001710 :04/10/2011	<ul> <li>1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI</li> <li>48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NUNEZ REGUEIRO Jose</li> </ul>
Filing Date (87) International Publication	:WO 2012/050598	2)ST. JEAN Jim
No (61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application	:NA	
Number Filing Date	:NA :NA	

(57) Abstract :

Certain example embodiments of this invention relate to refrigerator/freezer doors that include three substantially parallel spaced apart glass substrates that effectively form two insulating glass units (IGUs) and/or methods of making the same. The substrates in the two IGUs have one or more surfaces coated with a low emissivity coating and also have one or more other surfaces coated with an antireflective coating. In certain example embodiments one or more of the substrates may be low iron substrates. For instance certain example embodiments may include a center substrate that has an antireflective coating disposed on both major surfaces whereas the outer substrates have low E coatings disposed on inner surfaces thereof. Advantageously certain example embodiments combine high energy efficiency with high light transmission.

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

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING KERATIN BASED FIBERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:61/393809 :15/10/2010 :U.S.A. :PCT/US2011/056602 :17/10/2011	<ul> <li>(71)Name of Applicant : <ol> <li>COOLWAY INC.</li> <li>Address of Applicant :18167 Rosita Street Tarzana CA 91356</li> </ol> </li> <li>U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>HUMPHREYS James</li> <li>SHERMAN Joseph</li> </ol> </li> </ul>
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(57) Abstract :

Compositions formulations kits and methods for temporarily or semi permanently transforming the shape of individual hair filaments or keratinous fibers (curling waving or straightening) by applying no heat or heat below about 300°F to prevent damage to the keratinous fibers.

No. of Pages : 58 No. of Claims : 18

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR MEASURING AND MARKING SPACE POINTS ALONG HORIZONTALLY **RUNNING CONTOUR LINES**

(51) International classification	:G01C15/00,G01S5/16	(71)Name of Applicant :
(31) Priority Document No	:10190921.6	1)LEICA GEOSYSTEMS AG
(32) Priority Date	:11/11/2010	Address of Applicant :Heinrich Wild Strasse CH 9435
(33) Name of priority country	:EPO	Heerbrugg Switzerland
(86) International Application No	:PCT/EP2011/069636	(72)Name of Inventor :
Filing Date	:08/11/2011	1)SCHORR Christian
(87) International Publication No	:WO 2012/062747	2)SCHROEDER, FRANK
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The invention relates to a construction surveying device (10) for measuring and marking space points in buildings having a base (11) an upper part (12) which is mounted on the base in such a manner that said part can be rotated about an axis of rotation a sighting unit (13) having a laser source which is designed to emit a laser beam (14) and a laser light detector and an evaluation and control unit (20). In this case a first rotary drive and a second rotary drive enable the upper part and the sighting unit to be driven and aligned a spatial alignment of the sighting unit with respect to the base can be detected using two goniometers and coordinates for space points can be determined using the evaluation and control unit. According to the invention the construction surveying device (10) has a horizontal line projection functionality which at least sometimes takes place automatically after triggering and is intended to measure and mark space points (1a 1b 1c) along a horizontal line (15) running in a horizontal plane (16) on an arbitrarily shaped surface.

No. of Pages : 49 No. of Claims : 15

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : TIRE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B60C9/18,B60C1/00 :1058636 :22/10/2010 :France :PCT/EP2011/068372 :20/10/2011 :WO 2012/052522 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant :12 cours Sablon F 63000 Clermont Ferrand France</li> <li>2)MICHELIN RECHERCHE ET TECHNIQUE S.A.</li> <li>(72)Name of Inventor :</li> <li>1)REHAB Hichem</li> <li>2)DOMINGO Alain</li> </ul>

#### (57) Abstract :

The invention relates to a tire having a radial carcass reinforcement (2) consisting of at least one layer of metal reinforcing elements said tire including a crown reinforcement (5) which is in turn capped with a tread said tread being joined to two beads via two sidewalls said tire further including a first layer of a polymer mixture (7) that is radially arranged between the carcass reinforcement and the layer of reinforcing elements (51) which is the radially innermost layer of the crown reinforcement. According to the invention said one first layer of a polymer mixture constitutes a buffer area that is provided to trap the oxygen outside of said first layer the axial width of said first layer being at least equal to 70% of the width of the layer of reinforcing elements which is the radially innermost layer of the crown reinforcement.

No. of Pages : 28 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A61F5/441	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70474	1)COLOPLAST A/S
(32) Priority Date	:08/11/2010	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050420	(72)Name of Inventor :
Filing Date	:07/11/2011	1)SCHERTIGER Lars Olav
(87) International Publication No	:WO 2012/062322	
(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 : OSTOMY BAG WITH INTERMEDIATE FILTER ELEMENT

(57) Abstract :

An ostomy bag (1) with a filter construction with an intermediate filter element (4) is provided. The intermediate filter element comprises a first wall (5) and a second wall (6) that when the filter construction is positioned in the ostomy bag is substantially parallel to the front and rear wall of the ostomy bag. The walls of the intermediate filter element include the gas inlets for the filter construction. The intermediate filter element may be provided so that it constitutes an insert interposed between the rear wall and the front wall of the ostomy bag. The intermediate filter element may also be provided so that it constitutes a tube element.

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : SURGICAL A	ACCESS DEVICE	
<ul> <li>(54) File of the invention : SORGICAL F</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A61B17/34 :12/902265 :12/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MINNELLI Patrick J.</li> <li>2)MONTGOMERY Kevin M.</li> </ul>

(57) Abstract :

The present invention generally provides methods and devices for removing fluid from a surgical instrument. Surgical access devices and seal systems are generally provided having one or more valves or seal assemblies to create a closed system between the outside environment and the environment in which the surgical access device is being inserted. The devices of systems can also include a fluid remover in the form of a sorbent element a scraper element a wicking element or any combination thereof that is configured to remove fluid from a working channel of the device or system and/or from a surgical instrument inserted therethrough.

No. of Pages : 112 No. of Claims : 20

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : EXHAUST POST TREATMENT DEVICE AND METHOD FOR A VEHICLE WITH A REDUCTANT VAPORISING SURFACE BEING WARMED BY A PELTIER ELEMENT.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:F01N3/20,F01N13/08,F01N9/00 :10511616 :08/11/2010 :Sweden	<ul> <li>(71)Name of Applicant :</li> <li>1)SCANIA CV AB Address of Applicant :S 151 87 Sdertlje Sweden</li> <li>(72)Name of Inventor :</li> </ul>
<ul><li>(86) International Application</li><li>No</li><li>Filing Date</li></ul>	:PCT/SE2011/051244 :18/10/2011	1)LOMAN Peter 2)HALL Ola 3)RYRFELDT Daniel
(87) International Publication No.	o:WO 2012/064253	
(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 exhaust post treatment device (2) for a vehicle (4) adapted to reducing nitrogen oxides present in the exhaust gases (20) of the vehicle (4) by supply of liquid reducing agent (18) to the exhaust gases (20) in an exhaust pipe (32) which device (2) is adapted to locally warming a surface (31) within the exhaust pipe (32) by means of a Peltier element (6) by using thermal energy from the exhaust gases (20) to vaporise liquid reducing agent (18) which reaches the surface (31) and thereby avoid formation of deposits of reducing agent within the exhaust pipe (32). The invention relates also to a method for post treatment of exhaust gases from vehicles with an exhaust post treatment device (2) comprising a Peltier element (6).

No. of Pages : 21 No. of Claims : 12

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

(21) Application No.3326/DELNP/2013 A

(43) Publication Date : 14/11/2014

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(51) International classification	:B29C73/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(32) Priority Date	:NA	Address of Applicant :Route Louis Braille 10 CH 1763
(33) Name of priority country	:NA	Granges Paccot Switzerland
(86) International Application No	:PCT/US2010/054898	2)COMPAGNIE GENERALE DES ETABLISSEMENTS
Filing Date	:30/10/2010	MICHELIN
(87) International Publication No	:WO 2012/057806	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)IKONOMOV Metodi Lubenov
Number		2)ZARAK Cesar Enrique
Filing Date	:NA	3)PANNING Nathan Joel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : DEPTH MARKING TOOL FOR TIRE REPAIR

(57) Abstract :

The invention includes methods and apparatus for preparing a tire surface for receiving a tire patch. Such methods include selecting a desired depth marking template for use in forming one or more depth marking apertures within a tire surface and within a desired tire patch application area each of the one or more depth marking apertures having a desired depth corresponding to a desired depth of the patch receiving area the template having one or more openings extending through a thickness of the template corresponding to the one or more marking apertures to be formed. The methods further include forming one or more depth marking apertures within the tread by inserting a material removal member of a power tool into each of the one or more openings in the template the power tool removing tire material to the desired depth for each aperture.

No. of Pages : 34 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

		· · ·
(51) International classification	:F02B33/02	(71)Name of Applicant :
(31) Priority Document No	:61/388716	1)SCUDERI GROUP INC.
(32) Priority Date	:01/10/2010	Address of Applicant :1111 Elm Street Suite 33 West
(33) Name of priority country	:U.S.A.	Springfield MA 01089 U.S.A.
(86) International Application No	:PCT/US2011/053802	(72)Name of Inventor :
Filing Date	:29/09/2011	1)PHILLIPS Ford A.
(87) International Publication No	:WO 2012/044723	2)SCUDERI Stephen P.
(61) Patent of Addition to Application	:NA	3)MCKEE Douglas A.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract	.INA	

#### (54) Title of the invention : SPLIT CYCLE AIR HYBRID V ENGINE

(57) Abstract :

A split cycle air hybrid engine with improved efficiency is disclosed in which the centerline of a compression cylinder is positioned at a non zero angle with respect to the centerline of an expansion cylinder such that the engine has a V shaped configuration. In one embodiment the centerlines of the respective cylinders intersect an axis parallel to but offset from the axis of rotation of the crankshaft. Modular crossover passages crossover passage manifolds and associated air reservoir valve assemblies and thermal regulation systems are also disclosed.

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:F02B33/02	(71)Name of Applicant :
(31) Priority Document No	:61/404239	1)SCUDERI GROUP INC.
(32) Priority Date	:29/09/2010	Address of Applicant :1111 Elm Street Suite 33 West
(33) Name of priority country	:U.S.A.	Springfield MA 01089 U.S.A.
(86) International Application No	:PCT/US2011/053737	(72)Name of Inventor :
Filing Date	:28/09/2011	1)PHILLIPS Ford A.
(87) International Publication No	:WO 2012/050910	
(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 : EXHAUST VALVE TIMING FOR SPLIT CYCLE ENGINE

(57) Abstract :

The engines engine components and related methods disclosed herein generally involve closing an exhaust valve through which exhaust gasses and other combustion products are evacuated from the expansion cylinder of a split cycle engine before opening a crossover expansion valve through which a fresh charge of air and/or fuel is supplied to the expansion cylinder. The exhaust valve is preferably closed as late as possible after a combustion event but with sufficient margin before opening of the crossover expansion valve and in the case of an inwardly opening exhaust valve before valve to piston contact occurs. Preferably the exhaust valve is closed about 0 CA degrees to about 15 CA degrees before the crossover expansion valve is opened.

No. of Pages : 32 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:F02B33/22	(71)Name of Applicant :
(31) Priority Document No	:61/404239	1)SCUDERI GROUP INC.
(32) Priority Date	:29/09/2010	Address of Applicant :1111 Elm Street Suite 33 West
(33) Name of priority country	:U.S.A.	Springfield MA 01089 U.S.A.
(86) International Application No	:PCT/US2011/053720	(72)Name of Inventor :
Filing Date	:28/09/2011	1)PHILLIPS Ford A.
(87) International Publication No	:WO 2012/050902	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

#### (54) Title of the invention : CROSSOVER PASSAGE SIZING FOR SPLIT CYCLE ENGINE

(57) Abstract :

In split cycle engines and air hybrid split cycle engines the sizing of the crossover passage is critical to engine efficiency. Efficiency can be improved by sizing the crossover passage volume to be small relative to the volume of the cylinders and in particular relative to the volume of the compression cylinder. This allows for a higher pressure in the crossover passage which extends the duration of sonic flow from the crossover passage into the expansion cylinder and increases combustion pressure. The methods systems and devices disclosed herein generally involve sizing the crossover passages cylinders or other components of a split cycle engine or air hybrid split cycle engine to improve efficiency.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE AND METHOD FOR TREATING A HOT GAS FLOW CONTAINING SLAG

#### (57) Abstract :

The invention relates to a device and method for treating a hot gas flow containing slag and to an entrained bed gasifier system that comprises the device. The device comprises in a housing (13) an inlet (2) arranged at the top for the hot gas flow (1) an immersion pipe (3) which is arranged vertically and concentrically in the housing (13) and into which the inlet (2) opens a coolant bath (14) into which a lower section of the immersion pipe (3) is immersed and at least one raw gas outlet opening (20) for cooled raw gas that has been freed of slag. The lower section of the immersion pipe (3) is designed as a radially expanded gas distributor bell (12) in the coolant bath (14). Said gas distributor bell (12) is formed by a substantially conical jacket surface having a cross section that expands downward wherein the jacket surface has a plurality of gas passage openings (12) which are distributed over the circumference of the gas distributor bell (12). The dimensions of the gas passage openings (12) increase with the immersion depth in the coolant bath (14).

No. of Pages : 33 No. of Claims : 15

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : POLYAMIDE RESIN COMPOSITION AND MOLDED ARTICLE COMPRISING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul> </li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul> </li> </ul>	:C08L77/00,C08K3/22,C08K3/28 :2010220330 :30/09/2010 :Japan :PCT/JP2011/072205 :28/09/2011 :WO 2012/043640 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UBE INDUSTRIES LTD. Address of Applicant :1978 96 Oaza Kogushi Ube shi Yamaguchi 7558633 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MIYAMOTO Akio</li> <li>2)ICHIKAWA Masuaki</li> <li>3)YASUI Tetsuya</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

A polyamide resin composition comprising 100 parts by volume of a polyamide resin 50 100 parts by volume excluding 100 parts by volume of flaky graphite 5 40 parts by volume of carbon fibers and 0.1 5 parts by volume of a polyhydric alcohol; (2) a polyamide resin composition comprising a polyamide resin in which 70 mol% or more of all dicarboxylic acid units are accounted for by units of oxalic acid and as a property imparting agent at least one compound selected from the group consisting of metal oxides nitrogen compounds and silicon compounds; or (3) a polyamide resin composition comprising a polyamide resin an amount of 70 85 mass% of the overall amount of the composition and the metal oxide particles comprising 10 50 mass% metal oxide particles having a particle diameter of 20  $\mu$ m or less with respect to the total amount thereof.

No. of Pages : 43 No. of Claims : 11

(21) Application No.3244/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : VEHICLE DATA ACQUISITION SYSTEM AND VEHICLE DATA ACQUISITION METHOD (51) International classification :G06F11/34,G06F11/30 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 (33) Name of priority country :NA Japan (86) International Application No :PCT/JP2010/068000 (72)Name of Inventor: Filing Date :14/10/2010 1)YAMAUCHI Shinichiro (87) International Publication No :WO 2012/049750 (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 vehicle data acquisition system which stores in a memory device (31) vehicle data acquired by way of a vehicle mounted information processor (21). A data acquisition program (12) assisting the acquisition of the vehicle data is dynamically loaded in the vehicle mounted information processor (21). A probe section (P) which can be replaced with another command is positioned as an invalid command in one to a plurality of positions in an application program (11) preloaded in the information processor (21). The data acquisition program (12) replaces the probe section (P) with a vehicle data acquisition command and stores the acquired vehicle data in a time sequential manner in the memory device (31). The data acquisition program (12) again replaces the probe section (P) with an invalid command after the vehicle data is acquired.

No. of Pages : 61 No. of Claims : 14

(22) Date of filing of Application :11/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : USE OF 2 CARBOXAMIDE CYCLOAMINO UREA DERIVATIVES IN THE TREATMENT OF EGFR DEPENDENT DISEASES OR DISEASES THAT HAVE ACQUIRED RESISTANCE TO AGENTS THAT TARGET EGFR FAMILY MEMBERS

(31) Priority Document No:61/411117Add Switzer(32) Priority Date:08/11/2010(72)Na(33) Name of priority country:U.S.A.1)BR 2)FR(86) International Application No:PCT/EP2011/069522 :07/11/20113)MA 4)SC	)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel itzerland 2)Name of Inventor : )BRACHMANN Saskia Maria )FRITSCH Christine )MAIRA Sauveur Michel )SCHNELL Christian Ren )GARCIA ECHEVERRIA Carlos
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#### (57) Abstract :

The use of compounds of formula (I) in the treatment of Epidermal Growth Factor Receptor (EGFR) dependent diseases or diseases that have acquired resistance to agents that target EGFR family members use of said compounds for the manufacture of pharmaceutical compositions for the treatment of said diseases combinations of said compounds with EGFR modulators for said use methods of treating said diseases with said compounds and pharmaceutical preparations for the treatment of said diseases comprising said compounds alone or in combination especially with an EGFR modulator.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MATSUBAYASHI Hiroyuki</li> <li>2)KATO Hidehisa</li> <li>3)WATANABE Yoshinori</li> </ul>
		SIVVATANADE TUSHHUIT
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : BRAKE DEVICE FOR VEHICLE AND CONTROL DEVICE

(57) Abstract :

Provided is a brake device for a vehicle that applies braking force to a tire disposed so as to be rotatable with respect to a vehicle. The device comprises a fluid pressure brake part that causes braking force to act on a tire a master cylinder that supplies fluid pressure to the fluid pressure brake part a pressure detection sensor for detecting the pressure of the fluid pressure supplied from the master cylinder to the fluid pressure braking part and a control device that is provided with a storage part that stores detected drive conditions a brake operation determination part that determines the state of brake operation on the basis of the fluid pressure detected by a pressure detection sensor and a control part that controls movement on the basis of the determination results of the brake operation determination part determines that the fluid pressure detected by the pressure detected by the pressure detection sensor is at a preset threshold value or higher the brake operation determination part determines that a brake operation has been input. When the brake operation part determines that a brake operation has been input. When the brake operation so that a brake operation has been input the control part performs control in response to the input brake operation so that a brake lamp switches from an unlit state to a lit state.

No. of Pages : 49 No. of Claims : 12

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

(19) INDIA

(43) Publication Date : 14/11/2014

(54) Title of the invention : HANDLING AND TRANSPORT SYSTEM		
	n:B62B3/10,B65G41/02,B28B15/00 :PCT/SG2011/000034 :25/01/2011 :Singapore :PCT/SG2011/000034 :25/01/2011 :WO 2012/102671 :NA :NA	

(57) Abstract :

A slab handling device for facilitating movement of slabs around a facility is presented. The slab handling device includes a base frame disposed horizontally in parallel to a floor surface wherein a first end of the base frame comprises a projection extending from the base frame. The base frame hosts a second frame disposed vertically on the base frame to form a viewing side and a stacking side. Pluralities of side wheels are coupled to the base frame wherein the diameter of the plurality of track wheels is greater than the diameter of the plurality of side wheels. A first set of end stoppers are disposed on the base frame and configured to hold a slab in position on the viewing side and a second set of end stoppers are disposed on the base frame and configured to hold multiple slabs in place on the stacking side.

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

(19) INDIA

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

(54) Title of the invention : POT HEAT EXCHANGER

#### (43) Publication Date : 14/11/2014

(- )		-
(51) International classification	:C25C3/22,F17D1/04,F27D1/00	(71)Name of Applicant :
(31) Priority Document No	:10177366.1	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:17/09/2010	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/IB2011/002033	(72)Name of Inventor :
Filing Date	:01/09/2011	1)SORHUUS Anders K.
(87) International Publication No	:WO 2012/035391	2)WEDDE Geir
(61) Patent of Addition to	:NA	3)BJARNO Odd E.
Application Number		
Filing Date	:NA	
(62) Divisional to Application	-NT 4	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A raw gas collection system for collecting raw gas from a plurality of aluminium smelting pots is equipped with a plurality of branch ducts (28d) each of which is arranged to channel a respective branch flow (38d) of raw gas from an aluminium smelting pot to a collection duct (26A) which is common to and shared by the branch ducts (28d). Each of said branch ducts (28d) is near an outlet (52d) thereof equipped with a curved section (50d) for aligning the branch flow (38d) with a flow direction of raw gas (27A) already present in the common collection duct (26A) and a constriction (54d) for accelerating the branch flow (38d) through the branch duct outlet (52d) into the common collection duct (26A). Furthermore each of said branch ducts (28d) is equipped with a heat exchanger (40d) for removing heat from the respective branch flow (38d) of raw gas. The combined flow resistance of the constriction (54d) and the heat exchanger (40d) reduces the need for adjusting the respective branch flows (28d) using dampers thereby reducing the power required to transport the raw gas.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:2010237013 :22/10/2010 :Japan :PCT/JP2011/073975	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 </li> <li>Japan (72)Name of Inventor : </li> </ul>
Filing Date	:12/10/2011	1)KUMAGAI Eiji
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2012/053528	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : POWER STORAGE SYSTEM AND OUTPUT CONTROLLER

(57) Abstract :

Provided are a power storage system and an output controller that detect the connection mode of a plurality of power storage units arbitrarily connected and control the plurality of power storage units based on the detected connection mode. Six power storage modules (MOD1 MOD6) are serially connected. A total voltage (V(Total)) and individual output voltages (V(1) V(6)) for each power storage module are supplied to the output controller (ICNT). A control unit (PR) in the output controller (ICNT) determines the connection mode based on whether or not a determination formula is satisfied or not. The determination formula V(1)=V(2)=|.=V(N)=(1/M)xV(Total) is used wherein the number of power storage modules is N the total output voltage is V(Total) the individual output voltages are V(1) V(2) | V(N) and the number of parallel connection modes is M. (N/M) parallel M series is determined when the determination formula is satisfied.

No. of Pages : 36 No. of Claims : 11

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR THE MEDIA TIGHT CONNECTION OF TWO HIGH PRESSURE COMPONENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F02M55/00,F02M55/02,F02M63/02 :102010043366.7 :04/11/2010 :Germany :PCT/EP2011/066417	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)HOSS Reinhard</li> </ul>
Filing Date	:21/09/2011	
(87) International Publication No	:WO 2012/059270	
(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 device for the media tight connection of two high pressure components (15; 19) comprising a sealing cone (11; 21) having a central channel that can be flown through by a medium under high pressure wherein the sealing cone (11; 21) is pressed into a sealing receptacle (45 47; 55) for sealing against the medium that is under high pressure. A high pressure filter (13) is received in the channel in the sealing cone.

No. of Pages : 15 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : GEOPOLYMER CEMENT OF THE CALCIUM FERRO ALUMINOSILICATE POLYMER TYPE AND PRODUCTION PROCESS

(51) International classification	:C04B12/00	(71)Name of Applicant :
(31) Priority Document No	:10 04251	1)DAVIDOVITS Joseph
(32) Priority Date	:29/10/2010	Address of Applicant :16 rue Galile 02100 Saint Quentin
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2011/000576	2)DAVIDOVITS Marc
Filing Date	:26/10/2011	3)DAVIDOVITS Frdric
(87) International Publication No	:WO 2012/056125	4)DAVIDOVITS Ralph
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA :NA	1)DAVIDOVITS Joseph
Filing Date	INA	2)DAVIDOVITS Marc
(62) Divisional to Application Number	:NA	3)DAVIDOVITS Frdric
Filing Date	:NA	4)DAVIDOVITS Ralph

#### (57) Abstract :

The invention relates to a geopolymer binder or cement of ferro aluminosilicate [Fe O Si O Al O] polymer type which after curing consists of a geopolymer compound in which some of the Al atoms are substituted with Fe atoms the whole satisfying the following raw formula: (Ca Na K)·(FeO)·(SiOAlO)·(SiO) in which x is less than or equal to 0.5 and y is between 0 and 25. This geopolymer binder or cement is the result of the geopolymerization of calcium geopolymer type with geological elements rich in iron oxides and in ferro kaolinite coming from the weathering of acid rocks such as granite and gneiss or of basic (mafic) rocks such as basalt and gabbro. The process for manufacturing this geopolymer binder or cement consists in treating said geological elements at a temperature of 600 to  $850^{\circ}$ C. During this heat treatment all the iron oxides [goethite FeO(OH) + magnetite FeO] are transformed to hematite FeO and the ferro kaolinite becomes ferro metakaolin of Fe MK 750 type and then these are made to react with a reaction mixture of calcium geopolymer type.

No. of Pages : 17 No. of Claims : 8

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD AND ADJUSTMENT DEVICE FOR ORIENTATING CONTACT PINS OF AN ELECTRIC COMPONENT AND ELECTRIC COMPONENT

(51) International classification:H01R43/16,H01R12/71,H01R13,(31) Priority Document No (32) Priority Date:10 2010 046 050.8(32) Priority Date:22/09/2010(33) Name of priority country:Germany(86) International Filing Date:PCT/EP2011/066259(87) International Filing Date:WO 2012/038388Publication No (61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)TYCO ELECTRONICS AMP GMBH</li> <li>Address of Applicant : Amperestrasse 12 14 64625 Bensheim</li> </ul> </li> <li>Germany <ul> <li>(72)Name of Inventor : <ul> <li>1)SCHALL Michael</li> <li>2)DUENKEL Dirk</li> <li>3)PANITZ Gregor</li> <li>4)POLSAK Zan</li> <li>5)THOMAS Sarah</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

The invention relates to a method (9) and an adjustment arrangement (2) for orientating contact pins (4) of an electric component (1) and to an electric component (1) having a plurality of contact pins (4). So as to be able to orientate the contact pins (4) as precisely and efficiently as possible along a contact contour (K) at least in portions and thus be able to fit the electric component (1) securely on a contact carrier the invention provides that a plurality of contact pins (4) arranged along the contact contour (K) in advance are orientated simultaneously by a shaping body (3) to form the contact contour (K) the shaping body (3) being part of the adjustment arrangement (2).

No. of Pages : 23 No. of Claims : 16

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

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : CONTACT HOUSING FOR ELECTRICAL CONTACT UNITS ELECTRICAL PLUG CONNECTOR OR MATING CONNECTOR AS WELL AS AN ASSEMBLED ELECTRICAL CONDUCTOR

classification (31) Priority Document No: (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:102010041451.4	<ul> <li>(71)Name of Applicant :</li> <li>1)TYCO ELECTRONICS AMP GMBH Address of Applicant :Amperestrasse 12 14 D 64625</li> <li>Bensheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)WILKNER Andreas</li> </ul>
Filing Date	INA	

(57) Abstract :

The invention relates to a contact housing (1) for at least two electrical contact means in particular for an electrical plug connector or mating connector for the automotive sector with two contact housing modules (10 20) with a first electrical contact means being able to be set up in a first contact housing module (10) and a second electrical contact means in a second contact housing module (20) the contact housing modules (10 20) being provided to be able to be moved towards one another and being able to be fixed to one another in particular being able to be mutually latched with each other. Further the invention relates to an electrical plug connector or an electrical mating connector in particular an electrical female connector and to an assembled electrical line the electrical plug connector or the electrical mating connector or the assembled electrical line having a contact housing (1) according to the invention.

No. of Pages : 26 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND DEVICE IN PARTICULAR FOR MASHING IN THE PRODUCTION OF BEER

(51) International classification :C12C7/06,C12C13/00,C12C13/02		(71)Name of Applicant :
(31) Priority Document No	:10 2010 041 956.7	1)KRONES AG
(32) Priority Date	:04/10/2010	Address of Applicant : Bhmerwaldstrasse 5 93073
(33) Name of priority country	:Germany	Neutraubling Germany
(86) International Application	:PCT/EP2011/004945	(72)Name of Inventor :
No	:04/10/2011	1)KAMMERLOHER Helmut
Filing Date	.04/10/2011	
(87) International Publication	:WO 2012/045440	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1 1/2 1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

The invention relates to a method of mashing in the production of beer and to a suitable device for carrying out the method. First mash is passed into a mashing device and a portion of this mash is pumped off. This mash is passed to a distribution device which applies the mash to a heated surface of the mashing device above the mash level in such a way that the mash runs off beyond the heating surface until it has reached the level of the mash.

No. of Pages : 26 No. of Claims : 19

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : BLOCK COPOLYMERS COMPRISING POLY(1 3 TRIMETHYLENE TEREPHTHALATE) AND POLY(1 3 TRIMETHYLENE 2 6 NAPHTHALATE)

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C08G63/183,C08G63/189,C08G63/91 0:61/415963 :22/11/2010 :U.S.A. :PCT/US2011/061173 :17/11/2011 :WO 2012/071241 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)E. I. DU PONT DE NEMOURS AND COMPANy Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SIMMONS Alexandra Hedy</li> </ul>
Application Number		
(57) Al.		

(57) Abstract :

Disclosed are a composition an article comprising the composition and a processes for producing the composition. The composition comprises a block copolymer which comprises or is produced from poly(1 3 trimethylene terephthalate) sequences and poly(1 3 trimethylene naphthalate) sequences with less than 50 wt% of poly(1 3 trimethylene naphthalate) and the process comprises combining poly(1 3 trimethylene terephthalate) and poly(1 3 trimethylene 2 6 naphthalate) under controlled transesterification to produce the composition.

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

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ASSEMBLING AND PACKAGING A DISCRETE ELECTRONIC COMPONENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:H05K1/16,H01L21/02,H05K3/12 :2010/06533 :13/09/2010 :South Africa :PCT/IB2011/053999 :13/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY OF CAPE TOWN Address of Applicant :Bremner Building Lovers Walk Rondebosch 7701 Cape Town South Africa (72)Name of Inventor : 1)BRITTON David Thomas 2)HARTING Margit</li></ul>
(87) International Publication No	:WO 2012/035493	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An electronic component assembly comprises a printed component structure comprising at least one of a semiconducting ink an insulating ink and a conducting ink deposited onto a substrate. The component structure defining at least one contact area with a connecting lead disposed against or adjacent to the contact area. At least one layer of electrically insulating material encloses the component structure can be printed on a substrate and the layer of electrically insulating material comprises packaging material. The component structure can be printed on a substrate such as paper or another soft material which is secured to a layer of insulating packaging material such as polyethylene. Instead the substrate can be the insulating packaging material itself. Variations using hard and soft substrates are possible and various examples of electronic component assembly are disclosed.

No. of Pages : 22 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ESTABLISHING A POWER FEED TO SYSTEMS DURING OPERATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H02J1/00 :12/892750 :28/09/2010 :U.S.A. :PCT/US2011/051273 :12/09/2011 :WO 2012/047453	<ul> <li>(71)Name of Applicant :</li> <li>1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno Nevada 89507</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MORALES Osvaldo P.</li> <li>2)MCCULLOCH Robin</li> </ul>
	:PCT/US2011/051273	(72)Name of Inventor :
Filing Date	:12/09/2011	1)MORALES Osvaldo P.
(87) International Publication No	:WO 2012/047453	2)MCCULLOCH Robin
(61) Patent of Addition to Application Number	:NA	3)HUGHES Pat
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method of adding a power feed to electrical systems includes coupling a set of input lines to a power source such that the input lines are connected to at least one phase of AC power from the power source and coupling a set of backfeed lines to an output receptacle in a power distribution unit. The output receptacle may be connected in parallel with at least one other output receptacle that is supplying primary power to systems in the data center. The set of backfeed lines and the set of input lines may be tested to determine a match between a pair of lines in the set of backfeed lines and a pair of lines in the set of backfeed lines. Determining the match may include matching the phase of the pair of backfeed lines with the phase of the pair of input lines.

No. of Pages : 37 No. of Claims : 16

(21) Application No.3349/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:G01B7/00,G01B7/012	(71)Name of Applicant :
(31) Priority Document No	:BO2010A000654	1)MARPOSS SOCIETA PER AZIONI
(32) Priority Date	:29/10/2010	Address of Applicant : Via Saliceto 13 I 40010 Bentivoglio BO
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/EP2011/068661	(72)Name of Inventor :
Filing Date	:25/10/2011	1)GAMBINI Antonio
(87) International Publication No	:WO 2012/055868	2)DALLAGLIO Carlo
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

#### (54) Title of the invention : TOUCH PROBE AND RELATED CHECKING METHOD

(57) Abstract :

A touch probe (1;1;1;1) for applications in machine tools or measuring machines includes a support frame (2) with a protective casing (3) and a movable armset (5) with a feeler (11) to touch a part to be checked (13). The probe includes a detection device (23) with a laminar piezoelectric transducer (25) made of polymeric material such as polyvinylidene fluoride which is connected to the support frame and fixed at a bearing and locating area (7) on which the movable armset rests in a position defined by an isostatic rest system (17). Conditioning electronics (30) connected to the support frame include processing means for processing a force signal (M) provided by the detection device comparing it with a threshold value (S) and generating a touch signal (T). The conditioning electronics include differential charge amplifiers (3) and a processing system (55) to dynamically vary the threshold value depending on the most recent values of the force signal detected.

No. of Pages : 30 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 14/11/2014

(57) Abstract :

A raw gas collection system (15) for collecting raw gas from a plurality of aluminium smelting pots (4) is equipped with a plurality of branch ducts (16 16a d). Each branch duct (16 16a d) is arranged to channel a respective branch flow (32 32a b) of raw gas from an aluminium smelting pot (4) to a collecting duct (20a) which is common to and shared by branch ducts (16 16a d). Several of the branch ducts (16 16a d) are equipped with a combined heat transfer and flow resistance generating element (17) to remove heat from the respective branch flow (32 32a b) of raw gas and to balance the flow of raw gas in the raw gas collecting system (15). The combined heat transfer and flow resistance generating elements (17) reduce the need for adjusting the respective branch duct (16 16a d) flow volumes using dampers thereby reducing the power required to transport the raw gas through the system.

No. of Pages : 27 No. of Claims : 14

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD OF PRODUCING A MULTI LAYERED PRINTED ABSORBENT ARTICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:D04H1/4374,D04H1/4382,B41M5/00 :12/908558 :20/10/2010 :U.S.A. :PCT/US2011/056791 :19/10/2011 :WO 2012/054543 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati OH 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)OETJEN David Christopher</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method for producing a multi layered absorbent article. At least two of the layers include a colored region.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : LINEAR SHOCK ABSORBER HAVING A COMPENSATION DIAPHRAGM WITH INTEGRAL SEALS

(51) International classification	:F16F9/06,F16F9/36	(71)Name of Applicant :
(31) Priority Document No	:TO2010A000845	1)CULTRARO AUTOMAZIONE ENGINEERING S.R.L.
(32) Priority Date	:19/10/2010	Address of Applicant : Via Albenga 94 I 10098 RIVOLI
(33) Name of priority country	:Italy	(Torino) Italy
(86) International Application No	:PCT/IB2011/054651	(72)Name of Inventor :
Filing Date	:19/10/2011	1)CULTRARO Antonino
(87) International Publication No	:WO 2012/052934	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

A shock absorber comprises a tubular housing (10) a bearing (14) sealingly mounted to the front end of the tubular housing a piston (34) mounted within the tubular housing (10) for a reciprocal sliding movement which defines within the tubular housing (10) a working chamber (W) and an accumulator chamber (A) a stem (32) being connected to the piston (34) and projecting from the tubular housing (10) through the bearing (14) at least one fluid pathway (42) connecting the working chamber (W) to the accumulator chamber (A) and a compensation diaphragm (18) facing on the accumulator chamber which consists of a sleeve made of a deformable material mounted between the ends of the bearing. The compensation diaphragm has a rear end (18b) folded backwards such as to envelope the cupshaped rear end (14b) of the bearing (14) and provided with a shaped edge (18c) to provide a sealing between the bearing and the piston stem.

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

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : PROCESS FOR PRODUCING.		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filed on</li> </ul>	:C07C319/20 :2004-297651 :12/10/2004 :Japan :PCT/JP2005/018602 :07/10/2005 :WO 2006/041019 :NA :NA :3226/DELNP/2007 :07/10/2005	<ul> <li>(71)Name of Applicant :</li> <li>1)KYORIN PHARMACEUTICAL CO., LTD., Address of Applicant :5, KANDA SURUGADAI, 2-CHOME, CHIYODA-KU, TOKYO 101-8311 JAPAN Japan</li> <li>(72)Name of Inventor :</li> <li>1)TSUBUKI TAKESHI</li> <li>2)KOBAYASHI KENICHI</li> <li>3)KOMATSU HIDETAKA</li> </ul>

#### (57) Abstract :

A process for the industrial prodfiction of 2-amino-2- [2- [4- (3-benzyloxyphenylthio)- 2-chlorophenyl]et h- . 1,3-propanediol hydrochloride (Compound I), an effective immunosuppressant. The process for producing 2-amino-2-[2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]ethyl]- 1,3-propanediol hydrochloride or a hydrate thereof includes the steps of reacting 4-(3-benzyloxyphenylthio)-2-chlorophenyl]ethyl]- 1,3-propanediol hydrochloride or a hydrate thereof includes the steps of reacting 4-(3-benzyloxyphenylthio)-2-chlorophenyl]acrylate; reducing the resulting ethyl 3-4-(3-benzyloxyphenylthio)-2-chlorophenyl]acrylate; reducing the resulting ethyl 3-4-(3-benzyloxyphenylthio)-2-chlorophenyl]acrylatel followed by mesylation, iodination and nitration, to form 1-benzyl-oxy-3-[ 3-chloro-4- (3-nitropropyl)p henylthio]b enzene; forming - [2-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]ethyl]-2-nitro- 1,3-propanediol using a formaldehyde solution; and reducing the resulting 2- 12- [4- (3-benzyloxyphenylthio)- 2-chlorophenyl]ethyl]-2-nitro- 1,3Lpropanediol to form the desired product.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEMS AND METHODS OF DELIVERY OF BIOACTIVE AGENTS USING BACTERIAL TOXIN DERIVED TRANSPORT SEQUENCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:A61K9/00 :61/403394 :15/09/2010 :U.S.A. :PCT/US2011/001602 :15/09/2011 :WO 2012/036746 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MRSNY Randall J Address of Applicant :11620 Buena Vista Drive Los Altos</li> <li>Hills CA 94022 U.S.A.</li> <li>2)MAHMOOD Tahir</li> <li>(72)Name of Inventor :</li> <li>1)MRSNY Randall J</li> <li>2)MAHMOOD Tahir</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A non toxic mutant form of the Vibrio cholera Cholix gene (ntCholix) a variant of Cholix truncated at amino acid A386 (Cholix386) and the use of other various Cholix derived polypeptide sequences to enhance intestinal delivery of biologically active pharmaceutical therapeutics. The systems and methods described herein provide for the following: the ability to deliver macromolecule doses without injections; the ability to deliver cargo such as (but not limited to) siRNA or antisense molecules into intracellular compartments where their activity is required; and the delivery of nanoparticles and dendrimer based carriers across biological membranes which otherwise would have been impeded due to the barrier properties of most such membranes.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : INORGANIC FIBER MOLDED ARTICLE METHOD FOR PRODUCING SAME AND HEATING EQUIPMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C04B38/00 :2010231303 :14/10/2010 :Japan :PCT/JP2011/005763 :14/10/2011 :WO 2012/049858 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NICHIAS CORPORATION <ul> <li>Address of Applicant :1 26 Shibadaimon 1 chome Minato ku</li> </ul> </li> <li>Tokyo 1058555 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)YONAIYAMA Ken</li> <li>2)ISHIHARA Tetsuya</li> <li>3)KISHIKI Tomohiko</li> </ul> </li> </ul>
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(57) Abstract :

Provided is an inorganic fiber molded article characterized by comprising partially crystallized biosoluble inorganic fibers and an inorganic binder the biosoluble inorganic fibers being SiO/MgO fibers or SiO/CaO fibers having the following compositions. The composition of the SiO/MgO fibers is 66 to 82 wt% of SiO 1 to 9 wt% of CaO 10 to 30 wt% of MgO and 3 wt% or less of AlO. The composition of the SiO/CaO fibers is 66 to 82 wt% of SiO 10 to 34 wt% of CaO 3 wt% of less of MgO and 5 wt% or less of AlO.

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

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : THERMAL C	YCLER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B01L7/00 :1016014.1 :24/09/2010 :U.K.	<ul> <li>(71)Name of Applicant :</li> <li>1)Epistem Limited Address of Applicant :48 Grafton Street Manchester M13 9XX U.K.</li> <li>(72)Name of Inventor :</li> <li>1)COBB Ben</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

We describe a thermal cycler comprising a Peltier type thermoelectric element (36) used for cooling a sample block (34) and a non Peltier type heating device (38) for heating the sample block. The cycler also includes a heat sink (28) connected to the Peltier type element by a heat pipe (40) which permits thermal energy to transfer from the Peltier type element to the heat sink. This configuration operates more efficiently than conventional thermal cyclers which use Peltier type elements for heating and cooling and allows a more rapid cycling time as well as operation in a wider range of ambient temperatures. Certain embodiments utilise the Peltier type element as a thermal gate to reduce thermal loss during heating when the Peltier type element is switched off.

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

(21) Application No.3358/DELNP/2013 A

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELECTROCHEMICAL PROCESS FOR THE PREPARATION OF NITROGEN FERTILIZERS

#### (57) Abstract :

Methods and apparatus for the preparation of nitrogen fertilizers including ammonium nitrate urea urea ammonium nitrate and/or ammonia at low temperature and pressure preferably at ambient temperature and pressure utilizing a source of carbon a source of nitrogen and/or a source of hydrogen or hydrogen equivalent. Implementing an electrolyte serving as ionic charge carrier (A) ammonium nitrate is produced via the reduction of a nitrogen source at the cathode (1) and the oxidation of a nitrogen source at the anode (3); (B) urea or its isomers are produced via the simultaneous cathodic reduction of a carbon source or a hydrogen equivalent such as carbon monoxide or a mixture of carbon monoxide and hydrogen at the anode (3); and (D) urea ammonium nitrate is produced via the simultaneous cathod an introgen source and a nitrogen source or a hydrogen equivalent such as carbon monoxide or a mixture of carbon source and a nitrogen source and anode (3); and (D) urea ammonium nitrate is produced via the simultaneous cathodic reduction of a nitrogen source and a nitrogen source and anodic oxidation of a nitrogen source. The electrolyte can be aqueous non aqueous or solid. Additionally described is the production of ammonia from nitrogen and impure hydrogen sources via integrated electrochemical and thermal reactions and electrochemical hydrogen purification.

No. of Pages : 52 No. of Claims : 30

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : STABLE SLURRY BED FISCHER TROPSCH CATALYST WITH HIGH SURFACE AREA AND ACTIVITY

(51) International classification:B01J37/03,B01J23/745,C10G2/00		(71)Name of Applicant :
(31) Priority Document No	:61/415578	1)RENTECH INC.
(32) Priority Date	:19/11/2010	Address of Applicant :10877 Wilshire Blvd. Suite 600 Los
(33) Name of priority country	:U.S.A.	Angeles California 90024 U.S.A.
(86) International Application	:PCT/US2011/060856	(72)Name of Inventor :
No	:15/11/2011	1)FERDOUS Deena
Filing Date	.13/11/2011	2)DEMIREL Belma
(87) International Publication No	:WO 2012/068163	
(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 forming a Fischer Tropsch catalyst by providing at least one metal nitrate solution combining each of the at least one metal nitrate solutions with a precipitating agent whereby at least one catalyst precipitate is formed and incorporating a strong base during precipitation subsequent precipitation or both during and subsequent precipitation. Catalysts produced via the disclosed method are also provided.

No. of Pages : 49 No. of Claims : 31

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MULTIPLE CONFIGURATION LIGHT EMITTING DEVICES AND METHODS

(51) International classification	:H01L33/62,H01L33/48	(71)Name of Applicant :
(31) Priority Document No	:61/390966	1)CREE INC.
(32) Priority Date	:07/10/2010	Address of Applicant :4600 Silicon Drive Durham NC 27703
(33) Name of priority country	:U.S.A.	8475 U.S.A.
(86) International Application No	:PCT/US2011/054563	(72)Name of Inventor :
Filing Date	:03/10/2011	1)ANDREWS Peter S.
(87) International Publication No	:WO 2012/047790	2)ROSADO Raymond
(61) Patent of Addition to Application	:NA	3)LAUGHNER Michael P.
Number		4)EMERSON David T.
Filing Date	:NA	5)BRITT Jeffrey C.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

Multiple configuration light emitting diode (LED) devices and methods are disclosed wherein LEDs within the device can be selectively configured for use in higher voltage or variable voltage applications. Variable arrangements of LEDs can be configured. Arrangements can include one or more LEDs connected in series parallel and/or a combination thereof. A surface over which one or more LEDs may be mounted can comprise one or more electrically and/or thermally isolated portions.

No. of Pages : 42 No. of Claims : 28

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CATALYST PREPARATION METHOD

(57) Abstract :

A method is described for preparing a catalyst comprising the steps of: (i)impregnating a calcined support comprising a metal aluminate with a solution comprising nickel acetate at a temperature =  $40^{\circ}$ C and drying the impregnated support (ii)calcining the dried impregnated support to form nickel oxide on the surface of the support and (iii)optionally repeating steps (i) and (ii) on the nickel oxide coated support. The method provides an eggshell catalyst in which the metal oxide is concentrated in an outer layer on the support.

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

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : VEHICLE SEAT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(26) Name of Priority Country</li> </ul>	:B60N2/20,B60N2/32,F41H1/00 :1017636.0 :19/10/2010 :U.K.	1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:13/10/2011	(72)Name of Inventor : 1)HOYLE James Brooks
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A seat for a vehicle is provided. The seat is configured such that an occupant can be seated in either a lower position or in an upper position. The seat comprises a base member for accommodating an occupant in the lower position and a seat back positioned to extend generally upwards from the region of the base member. The seat back is configured to accommodate an occupant s back. A selectively deployable perch member is also provided. The seat member has two deployment conditions. In a first condition the perch member is configured as an extension of the seat back for when the occupant is seated in the lower position. In a second condition the perch member is configured as an additional base member for supporting an occupant in the upper position. A fastening is provided for securing the perch member when it is in the second condition.

No. of Pages : 43 No. of Claims : 12

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURFACE DEACTIVATOR THAT CAN BE REMOVED WHEN DRY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> </ul>	:PCT/FR2011/052487 :25/10/2011 :WO 2012/056162	<ul> <li>(71)Name of Applicant :</li> <li>1)CHRYSO <ul> <li>Address of Applicant :19 Place de la Rsistance F 92440 Issy</li> </ul> </li> <li>Les Moulineaux France <ul> <li>(72)Name of Inventor :</li> <li>1)PELLERIN Bruno</li> <li>2)MATEO Sandrine</li> <li>3)LACHENAUD Sophie</li> </ul> </li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an emulsion constituted of an oily phase dispersed in an aqueous phase comprising a non quaternary amino surfactant which is a diamine of the following formula; and an acid having a set retarding effect and also to a process for the preparation thereof. It furthermore relates to a process for the surface deactivation of a hydraulic composition comprising the steps consisting in; (a) forming the hydraulic composition; (b) applying to the surface of the hydraulic composition the emulsion according to the invention which by breaking releases the oily phase; and (c) after hardening of the hydraulic composition removal of the film formed with the surface layer of unhardened hydraulic composition.

No. of Pages : 14 No. of Claims : 13

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DYNAMIC POWER CONTROL FOR A TWO WIRE PROCESS INSTRUMENT (51) International classification :H05B37/02 (71)Name of Applicant : 1)ROSEMOUNT INC. (31) Priority Document No :12/925201 Address of Applicant :12001 Technology Drive Eden Prairie (32) Priority Date :15/10/2010 MN 55344 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/001720 (72)Name of Inventor : Filing Date :06/10/2011 1)ARNTSON Douglas Wayne (87) International Publication No :WO 2012/050600 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A process instrument includes a transducer (12) a two wire interface (34a 34b) a microprocessor (20) a digital to analog converter (22) a first control circuit (23a 23b 23c 23d 23e 24 26 28 30 32) and a second control circuit (38). A current (IL) passing through the two wire interface indicates a condition of the transducer (12). The microprocessor (20) is interfaced with the transducer (12). The digital to analog converter (22) receives a signal from the microprocessor (20) indicating a current value. The first control circuit (23a 23b 23c 23d 23e 24 26 28 30 32) is coupled to the digital to analog converter (22) and adapted to control the current (IL) passing through the two wire interface (34a 34b) to the current value. The second control circuit (38) is coupled to the digital to analog converter (22) and supplies current to a secondary load (50).

No. of Pages : 17 No. of Claims : 23

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ORAL CARE PRODUCT AND METHODS OF USE AND MANUFACTURE THEREOF

(51) International classification	:A61K8/27,A61K8/34,A61K8/37	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	:PCT/US2010/056518	(72)Name of Inventor :
No	:12/11/2010	1)LEWUS Catherine
Filing Date	.12/11/2010	2)SZEWCZYK Gregory
(87) International Publication No:WO 2012/064341		3)MELLO Sarita
(61) Patent of Addition to	:NA	4)SMITH WEBSTER Kimdra
Application Number	:NA	5)NESTA Jason
Filing Date	.NA	6)DILLON Rensl
(62) Divisional to Application	:NA	7)ARVANITIDOU Evangelia S.
Number	:NA	8)CUIULE Christine
Filing Date	.INA	

(57) Abstract :

This invention relates to a mouthwash comprising an aqueous solution of an effective amount of an orally acceptable soluble zinc salt together with an effective amount of a preservative selected from methylisothiazolinone (MIT) benzyl alcohol glycerol monocaprylate and combinations thereof; as well as to methods of using and of making such compositions.

No. of Pages : 22 No. of Claims : 11

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ORAL CARE PRODUCT AND METHODS OF USE AND MANUFACTURE THEREOF

(51) International classification	, , ,	
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	DCT U U 0 0 10 / 05 (511)	(72)Name of Inventor :
No	:PCT/US2010/056511 :12/11/2010	1)LEWUS Catherine
Filing Date	.12/11/2010	2)SZEWCZYK Gregory
(87) International Publication No:WO 2012/064338		3)MELLO Sarita
(61) Patent of Addition to	:NA	4)SMITH WEBSTER Kimdra
Application Number	:NA	5)NESTA Jason
Filing Date	INA	6)DILLON Rensl
(62) Divisional to Application	:NA	7)ARVANITIDOU Evangelia S.
Number		8)CUIULE Christine
Filing Date	:NA	

(57) Abstract :

This invention relates to a mouthwash comprising an aqueous solution of an effective amount of a basic amino acid in free or salt form together with an effective amount of a preservative selected from methylisothiazolinone (MIT) benzyl alcohol phenoxyethanol and combinations thereof; as well as to methods of using and of making such compositions.

No. of Pages : 25 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	PAGNIE GENERALE DES ETABLISSEMENTS JN ss of Applicant :12 cours Sablon F 63000 Clermont
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#### (54) Title of the invention : TYRE WITH THIN SIDEWALLS AND IMPROVED HOOPING REINFORCEMENT

(57) Abstract :

A tyre (10) comprising two beads (50) each provided with an outer strip (120) of rubber compound and a crown comprising a crown reinforcement (80 90) and a hooping reinforcement (100) extending axially beyond the crown reinforcement so that in its part that extends beyond the crown reinforcement it has NC intersections with any radial plane the hooping reinforcement being surmounted by a tread (30) that part (41) of the sidewall applied radially between the outer strip (120) and the tread being made of a rubber compound that has an elastic modulus E this part of the sidewall having a mean thickness EA the hooping reinforcement (100) being made of a textile material that has a shrinkage force at 180°C (FC) that is less than or equal to 12 N the elastic modulus E the mean thickness EA the number of intersections NC and the shrinkage force at 180°C (FC) being chosen such that for each sidewall of the tyre the following inequality is satisfied: formula (I) where P is the thickness of the tyre measured in a direction perpendicular to the carcass reinforcement and having an intersection with the axial end of the outer layer of the crown reinforcement and where B is the curvilinear length of the carcass reinforcement in said part (41) of the sidewall.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

( <b>5</b> 1) To (	D24D27/04	
(51) International classification	:B24B27/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:NA	MICHELIN
(33) Name of priority country	:NA	Address of Applicant :12 Cours Sablon F 63000 Clermont
(86) International Application No	:PCT/US2010/054777	Ferrand France
Filing Date	:29/10/2010	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2012/057793	(72)Name of Inventor :
(61) Patent of Addition to Application	·NA	1)ZARAK Cesar
Number		2)IKONOMOV Metodi
Filing Date	:NA	3)PANNING Nate
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA	1)ZARAK Cesar 2)IKONOMOV Metodi

#### (54) Title of the invention : MANUALLY GUIDED TIRE ABRADING TOOL

(57) Abstract :

A method of abrading the surface of a tire including steps of securing a tire to prevent rotation thereof providing a mechanism extending from a base comprising an abrading member the mechanism constraining the abrading member to move within a desired abrading plane along a tire surface at least in part under the manual control of an operator extending the abrading member within said abrading plane to a desired surface of the tire and manually guiding the abrading member in contact with the tire surface to form an abraded curvilinear line within the abrading plane along the tire surface. An exemplary mechanism comprises one or more pivot axes extending substantially perpendicular to the abrading plane and a linear actuator adapted to control movement of one selected from the group consisting of the mechanism the tire and a combination thereof in a direction generally perpendicular to the plane.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : FLEXIBLE GUIDE FOR TIRE REPAIR			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B29C73/12 :NA :NA :NA :PCT/US2010/054789 :29/10/2010 :WO 2012/057795 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :Route Louis Braille10 CH 1763 Granges Paccot Switzerland</li> </ul>	

(57) Abstract :

A method for preparing a portion of a tire for repair includes the steps of providing a template having a pair of guide edges securing the template to an interior surface of the tire providing a tool for forming a discontinuity in the interior surface of the tire forming a discontinuity in the interior surface of the tire with the tool along the guide edges of the template and removing the template from the tire.

No. of Pages : 32 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B60T8/42	(71)Name of Applicant :
(31) Priority Document No	:61/394249	1)HONDA PATENTS & TECHNOLOGIES NORTH
(32) Priority Date	:18/10/2010	AMERICA LLC.
(33) Name of priority country	:U.S.A.	Address of Applicant :700 Van Ness Avenue Torrance
(86) International Application No	:PCT/US2011/056484	California 90501 U.S.A.
Filing Date	:14/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/054361	1)OYAMA Hiroki
(61) Patent of Addition to Application	:NA	2)TADA Katsutoshi
Number	:NA	3)OCONNELL Charles
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Albertre et :		

#### (54) Title of the invention : AIRCRAFT BRAKE HANDLE ASSEMBLY

(57) Abstract :

A brake handle assembly for an aircraft emergency/parking brake includes a handle movable between a non actuated position wherein the brake is disengaged and a full actuated position wherein during movement therebetween the brake applies a modulated braking force in an emergency brake state. A button actuator is disposed on the handle. Movement of the handle from the intermediate stop position to the full actuated position is obstructed to prevent inadvertent operation of the brake in the parking brake state unless the button actuator is depressed.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESSES FOR PURIFICATION OF ACID SOLUTIONS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07C51/087,C07C51/44,C07C53/08 :61/413234 :12/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)EASTMAN CHEMICAL COMPANY Address of Applicant :200 South Wilcox Drive Kingsport TN 37660 U.S.A.</li> </ul>
(33) Name of priority country	:U.S.A.	<ul><li>(72)Name of Inventor :</li><li>1)BARRON Jerry Allan</li></ul>
(86) International Application No Filing Date	:PCT/US2011/057785 :26/10/2011	2)EARLS Brandon Tyler 3)FILLERS Carl Franklin 4)KLINE Robert Sterling
(87) International Publication No	:WO 2012/074628	5)WELLMAN Gregory Abbott Jr.
(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 processes for purification of streams containing carboxylic acids and carboxylic acid anhydrides without using the amount of high cost corrosion resistant alloy required for a distillation column. The invention provides methods in which streams containing carboxylic acids and carboxylic acid anhydrides are subjected to a hydrolysis process by combining them with a stoichiometric excess of water and optionally an added hydrolysis catalyst. The resulting hydrolyzed stream is subsequently separated to produce a stream containing carboxylic acid and water and a carboxylic acid product stream comprising carboxylic acid.

No. of Pages : 24 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : TOWER RECEIVER CONFIGURATION FOR HIGH POWER VALUES(51) International classification:F24J2/07,F03G6/06(71)Name of Applicant :

(31) International classification	.1 <sup>2</sup> 4J2/07,1 <sup>0</sup> J00/00	(71)Name of Applicant.
(31) Priority Document No	:P201001345	1)ABENGOA SOLAR NEW TECHNOLOGIES S.A.
(32) Priority Date	:20/10/2010	Address of Applicant : Avda. de la Buhaira 2 E 41018 Sevilla
(33) Name of priority country	:Spain	Spain
(86) International Application No	:PCT/ES2011/070718	(72)Name of Inventor :
Filing Date	:19/10/2011	1)MENDEZ MARCOS Jos Mara
(87) International Publication No	:WO 2012/052588	2)NAVIO GILABERTE Raul
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to a receiver having a configuration of saturated and overheated steam solar modules in a tower solar concentration plant in which the configuration allows incident radiation on both faces of the overheated steam module providing significant advantages in terms of the durability and overall control of the plant.

No. of Pages : 11 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :10/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : WHEEL BEARING UNIT

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2011/061204 :04/07/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHAEFFLER TECHNOLOGIES AG &amp; CO. KG Address of Applicant :Industriestrae 1 3 91074</li> <li>Herzogenaurach Germany</li> <li>(72)Name of Inventor :</li> <li>1)HORN Christian</li> <li>2)HEUBERGER Robert</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

The invention relates to a wheel bearing unit (100) in particular for utility vehicles having a wheel hub (104) rotatably mounted on a bearing journal (103) by means of two tapered roller bearings (105 106) spaced axially apart from each other each having one outer ring (109 110) one inner ring (111 112) and a roller race (113 114) made of tapered rollers (117 118) and a bearing cage (115 116) arranged therebetween wherein the tapered roller bearings (105 106) are received on an axial stop (121 122) of the wheel hub (104) by means of the outer rings (109 110) thereof directed opposite each other and the inner rings (111 112) of the tapered roller bearings (105 106) are axially spaced apart from each other by means of a sleeve (107). To form a unit (101) that is self supporting in an uninstalled state consisting of the wheel hub (104) tapered roller bearings (105 106) and sleeve (107) according to the invention both tapered roller bearings (105 106) are axially secured by means of a securing means (108 126) at least partially radially covering the roller race (113 114) and housed directly on the wheel hub (104).

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

#### (19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GADOLINIUM OXIDE DOPED ZIRCONIUM OXIDE OVERCOAT AND/OR METHOD OF MAKING THE SAME

(51) International classification	:C03C17/36	(71)Name of Applicant :
(31) Priority Document No	:12/923936	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:14/10/2010	Address of Applicant :2300 Harmon Road Auburn Hills MI
(33) Name of priority country	:U.S.A.	48326 1714 U.S.A.
(86) International Application No	:PCT/US2011/001674	(72)Name of Inventor :
Filing Date	:29/09/2011	1)IMRAN Muhammad
(87) International Publication No	:WO 2012/050596	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

Certain example embodiments relate AIR to a coated article including at least one infrared (IR) reflecting layer in a low-E coating. In certain exam ples, at least one layer of the coating is of or includes zirconium oxide (e.g., ZO) doped with gadolinium and/or gadolinium oxide (e.g., Gd20 or other suit able stoichiometry). Providing a layer including Gddoped zirconium oxide as the uppermost or overcoat layer of the coated article (e.g., over a silicon nitride based layer) advantageously results in improved dur a bility, and chemical and heat stability in certain ex 30 ample embodiments. Coated articles herein may be used in the context of insulating glass (IG) window units, vehicle windows, or in other suitable applications such as monolithic window applications, lami nated windows, and/or the like.

No. of Pages : 28 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A01N55/02,A61K31/28 :12/902807 :12/10/2010 :U.S.A. :PCT/US2011/024994 :16/02/2011 :WO 2012/050629 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THE UNIVERSITY OF AKRON Address of Applicant :302 Buchtel Common Akron OH 44325</li> <li>U.S.A.</li> <li>(72)Name of Inventor : 1)YOUNGS Wiley J.</li> <li>2)PANZNER Matthew J.</li> <li>3)CANNON Carolyn L.</li> </ol></li></ul>
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#### (54) Title of the invention : METAL COMPLEXES OF N HETEROCYCLIC CARBENES

(57) Abstract :

The present invention generally relates to metal complexes of N heterocyclic carbenes that contain one or more additional active moieties and/or groups therein. In one embodiment the present invention relates to metal complexes of N heterocyclic carbenes that contain an anti fungal and/or anti microbial moiety and/or group in combination with one or more additional active moieties and/or groups selected from fluoroquinolone compounds or derivatives thereof; steroids or derivatives thereof; anti inflammatory compounds or derivatives thereof; anti fungal compounds or derivatives thereof; antibacterial compounds or derivatives thereof; thereof; antigonist compounds or derivatives thereof; hereof; thereof; th

No. of Pages : 99 No. of Claims : 9

(22) Date of filing of Application :10/04/2013

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD OF TREATING THE SURFACE OF A SODA LIME SILICA GLASS SUBSTRATE SURFACE TREATED GLASS SUBSTRATE AND DEVICE INCORPORATING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:C03C17/00,C03C17/245,C23C14/02 :12/923952 :15/10/2010 :U.S.A. :PCT/US2011/001709 :04/10/2011 :WO 2012/050597 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)THOMSEN Scott V.</li> </ul>
Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Albertus et :		

#### (57) Abstract :

Certain example embodiments of this invention relate to methods of treating the surface of a soda lime silica glass substrate e.g. a soda lime silica alkali ion glass substrate and the resulting surface treated glass articles. More particularly certain example embodiments of this invention relate to methods of removing a top surface portion of a glass substrate using ion sources. During or after removal of this portion the glass may then be coated with another layer to be used as a capping layer. In certain example embodiments the glass substrate coated with a capping layer may be used as a color filter and/or TFT substrate in an electronic device. In other example embodiments the glass substrate with the capping layer thereon may be used in a variety of display devices.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : POLYESTER BASED COATING COMPOSITION FOR METAL SUBSTRATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:61/393584 :15/10/2010 :U.S.A. :PCT/US2011/056376 :14/10/2011 :WO 2012/051540 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>VALSPAR SOURCING INC.</li> <li>Address of Applicant :PO Box 1461 Minneapolis Minnesota</li> </ol> </li> <li>55440 1461 U.S.A. </li> <li>(72)Name of Inventor : <ol> <li>PROUVOST Benoit</li> <li>STENSON Paul</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(57) Abstract :

The present invention provides novel packaging articles e.g. food and beverage cans having a novel coating composition applied to at least a portion of a surface thereon. In preferred embodiments the coating composition includes at least a film forming amount of a copolyester resin having a backbone that includes one or more soft segments and a plurality of hard segments. The copolyester resin preferably has a glass transition temperature from about from about 10°C to about 50°C. The present invention also provides a method for making coated articles.

No. of Pages : 45 No. of Claims : 23

(21) Application No.3424/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR COLLECTING SOLAR ENERGY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to <ul> <li>Application Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:13/10/2011	<ul> <li>(71)Name of Applicant : <ol> <li>CENTRE NATIONAL DE LA RECHERCHE</li> </ol> </li> <li>SCIENTIFIQUE <ul> <li>Address of Applicant :3 rue Michel Ange F 75016 Paris</li> </ul> </li> <li>France <ul> <li>France</li> </ul> </li> <li>2)INSTITUT NATIONAL POLYTECHNIQUE DE</li> <li>TOULOUSE</li> <li>(72)Name of Inventor : <ul> <li>FLAMANT Gilles</li> <li>HEMATI Mehrdji</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to a device for collecting solar energy (1) characterized in that it includes at least one solar receiver (2) including at least one suspension of solid particles fluidized by a gas each suspension circulating between an inlet and an outlet of the receiver (2) wherein the volume of particles is between 40% and 55% of the volume of the suspension and the average size of the particles is between 20 and 150  $\mu$ m.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MAGNETICALLY CLOSABLE PRODUCT ACCOMMODATING PACKAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B65D5/00,B65D85/60 :61/407385 :27/10/2010 :U.S.A. :PCT/US2011/054119 :30/09/2011 :WO 2012/057961 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KRAFT FOODS GLOBAL BRANDS LLC Address of Applicant :Three Lakes Drive Northfield IL 60093 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CLARK Kerri</li> <li>2)HAWTHORNE Brian</li> <li>3)RODRIGUEZ Maximiliano</li> <li>4)ALDRIDGE Allen Sydney</li> </ul>
Filing Date	:NA	5)FELTMAN Christopher J.
(62) Divisional to Application Number Filing Date	:NA :NA	6)BUITRAGO Alejandra 7)GAINEY Simon Richard

(57) Abstract :

A package for containing and dispensing contents includes a magnetic closure. The package defines a package interior for accommodating the contents. A pair of package portions defines an opening for accessing the package interior. The magnetic closure includes magnetic material which is placed on at least one of the packaging portions for permitting reopenable closure of the packaging portions.

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

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

F01P5/10 (71)Name of Applicant :
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Address of Applicant :2100 Highway 55 Medina MN 55340
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(72)Name of Inventor :
1)OLTMANS Bret Allen
2)HITT Brian J.
3)GALSWORTHY David Andrew
4)SLATER Chad Michael
5)NUGTEREN Daniel Joseph
6)MCKOSKEY George Jay
7)NELSON Gordon Raymond
8)ANDERSON Blake Andrew

(54) Title of the invention : ENGINE

(57) Abstract :

An engine (2) is described having a crankcase (4) a liner and a head assembly (8). The crankcase is split along a plane (60) defining a two part crankcase (18 20) where fluid passages (100 106 120 150 152) are passing through only one of the crankcase portions so as to not require crossing the split line. A connecting rod (265) also includes a tapered end and the piston has a complementary carrier receiving the connecting rod.

No. of Pages : 77 No. of Claims : 63

#### (19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : RADAR SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:G01S7/41,G01S13/91,G01S7/28 :1017210.4 :12/10/2010 :U.K. :PCT/GB2011/001462 :10/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)TMD TECHNOLOGIES LIMITED Address of Applicant :Unit 3 Swallowfield Way Hayes Middlesex UB3 1DQ U.K.</li> <li>(72)Name of Inventor :</li> <li>1)WARD Keith Douglas</li> </ul>
<ul> <li>(87) International Publication No.</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA :NA	

#### (57) Abstract :

A component is disclosed for a radar system that comprises a main antenna operable to move azimuthally to sweep an area a transmitter for transmitting pulses from the antenna and a receiver for receiving return signals. The component is operable to enable the radar system to detect a target in the presence of a wind turbine located in the area. The component comprises a plurality of auxiliary antennas and a processor for processing the return signals the processor being operable to generate a signature of the wind turbine from return signals received by the main and auxiliary antennas in a training process to generate model data of a target or to receive model data of the target from memory and to test returned data for the presence of a target and if a target is detected to generate data representing a detected target. A method of detecting the position of a target in the presence of a wind turbine using the radar system is also described.

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

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PACKAGING FOR POWDERED BEVERAGE (51) International classification :B65D1/10,B65D1/44,B65D23/10 (71)Name of Applicant : **1)ABBOTT LABORATORIES** (31) Priority Document No :61/390318 Address of Applicant :100 Abbott Park Road Dept. 0377 (32) Priority Date :06/10/2010 (33) Name of priority country AP6A 1 Abbott Park Illinois 60064 U.S.A. :U.S.A. (72)Name of Inventor : (86) International Application :PCT/US2011/054771 1)VARADHARAJAN Swaminathan Subramaniam No :04/10/2011 Filing Date 2)MACAULEY Richard P. (87) International Publication :WO 2012/047891 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Packaging (10) includes a container (12) a bag (14) disposed in an interior cavity (36) of the outer container and a quantity of powdered beverage (16) in an interior space of the bag. The container may be sized and shaped to be held in a hand of a person. The container may have an interior surface that tapers toward a throat portion. The throat portion is suitable for retaining the bag of powdered beverage in the container. The container may be particularly suitable for use with a high fat nutritional powdered beverage as this type of beverage may be readily malleable or conformable to the container in which it is received. The container may have a shape that facilitates gripping of the container by a user. The container may have a sidewall that is resiliently deformable when the sidewall (26) is subjected to a force applied in a radially inward direction.

No. of Pages : 57 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : SYSTEM AND METHOD FOR LIQUID AIR PRODUCTION POWER STORAGE AND POWER RELEASE

#### (57) Abstract :

Systems and methods for storing and releasing energy comprising directing inlet air into a vertical cold flue assembly a portion of moisture being removed from the air within the cold flue assembly. The air is directed out of the cold flue assembly and compressed. The remaining moisture is substantially removed and the carbon dioxide is removed from the air by adsorption. The air is cooled in a main heat exchanger such that it is substantially liquefied using refrigerant loop air. The substantially liquefied air is directed to a storage apparatus. The refrigerant loop air is cooled by a mechanical chiller and by a plurality of refrigerant loop air expanders. In energy release mode working loop fluid warms the released liquid air such that the released liquid air is substantially vaporized and the released liquid air cools the working loop fluid such that the working loop fluid is substantially liquefied. A portion of the released liquid air is directed to a combustion chamber and combusted with a fuel stream. Combustion gas may be directed from the combustion chamber to at least one expander and expanded in the expander the expanded combustion gas split into a first portion and a second portion the first portion being relatively larger than the second portion. The first portion heats and substantially vaporizes the released liquid air.

No. of Pages : 36 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR CONSTRUCTING A COMPOSITE IMAGE INCORPORATING A HIDDEN AUTHENTICATION IMAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06K9/00 :61/391843 :11/10/2010 :U.S.A. :PCT/US2011/055787 :11/10/2011 :WO 2012/051192 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GRAPHIC SECURITY SYSTEMS CORPORATION Address of Applicant :4450 Jog Road Lake Worth FL 33467 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CVETKOVIC Slobodan</li> <li>2)ALASIA Thomas C.</li> <li>3)ALASIA Alfred J.</li> </ul>
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#### (57) Abstract :

A method is provided for constructing a composite image having an authentication image formed therein. The authentication image is viewable using a decoder lens having one or more decoder lens frequencies. The method comprises generating a first plurality of component images in which corresponding tonal areas are tonally balanced around at least one tonal value. At least one of the component images is configured to include a representation of the authentication image. The method further comprises determining a pattern of component image elements for each of the component images. The pattern having at least one element frequency that is equal to or a multiple of a decoder lens frequency. At least a portion of the content of each component image element is extracted and used to construct a composite image element.

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

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

### (54) Title of the invention : METHOD FOR PRODUCING LAYER STRUCTURES BY TREATMENT WITH ORGANIC ETCHANTS AND LAYER STRUCTURES OBTAINABLE THEREFROM

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	:H01B1/12,C08G61/12,H01L51/00 :10 2010 050 507.2 :08/11/2010 :Germany :PCT/EP2011/005600 :08/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)HERAEUS PRECIOUS METALS GMBH &amp; CO. KG Address of Applicant :Heraeusstrasse 12 14 63450 Hanau Germany</li> <li>(72)Name of Inventor :</li> <li>1)GUNTERMANN Udo</li> <li>2)GAISER Detlef</li> </ul>
(87) International Publication No	:WO 2012/062446	
(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 the production of a layer structure comprising the following process steps: i) Providing a layer structure comprising a substrate and an electrically conductive layer on the substrate which comprises an electrically conductive polymer; ii) Bringing at least a part of the surface of the electrically conductive layer into contact with a composition Z1 comprising an organic compound capable of releasing chlorine bromine or iodine. The invention also relates to a layer structure obtainable by this method a layer structure the use of a layer structure an electronic component and the use of an organic compound.

No. of Pages : 40 No. of Claims : 36

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONSTRUCTION LASER SYSTEM COMPRISING A ROTATION LASER AND A LASER **RECEIVER AND METHOD**

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01C15/00 :10190617.0 :10/11/2010 :EPO :PCT/EP2011/069635 :08/11/2011 :WO 2012/062746 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LEICA GEOSYSTEMS AG Address of Applicant :Heinrich Wild Strasse CH 9435</li> <li>Heerbrugg Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)KEHL Anton</li> <li>2)ST-CKEL Bernd</li> <li>3)WINIST-RFER Martin</li> </ul>
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#### (57) Abstract :

The invention relates to a construction laser system comprising at least one rotation laser which has a laser unit and a rotatable deflection means and is intended to emit a rotating laser beam wherein the rotating laser beam defines a reference surface and a laser receiver for determining a position relative to the reference surface. In this case the laser receiver has a laser beam detector which is designed to generate an output signal when the laser beam impinges on the laser beam detector. An evaluation unit for determining the position of the laser receiver relative to the reference surface and an indicator for the determined position in particular for indicating whether the laser receiver exactly coincides with the reference surface are also present. The invention is characterized by a controller for the laser unit which controller is designed in such a manner that a known emission pattern is generated over a sequence of a plurality of revolutions by varying the emission of the laser beam in a manner temporally coupled to the revolution period of the deflection means and by the fact that the evaluation unit is designed to identify the reference surface using a sequence of output signals which are each generated by the laser beam detector when the rotating laser beam repeatedly successively impinges which sequence corresponds to the known emission pattern.

No. of Pages : 42 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HYDROPROCESSING OF HEAVY HYDROCARBON FEEDS IN LIQUID FULL REACTORS

(51) International classification	:C10G45/08,C10G45/22,C10G47/20	(71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY
(31) Priority Document No	:12/914061	Address of Applicant :1007 Market Street Wilmington
(32) Priority Date	:28/10/2010	Delaware 19898 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2011/058031	1)DINDI Hasan
Application No	:27/10/2011	2)MURILLO Luis Eduardo
Filing Date		
(87) International Publication	<sup>1</sup> :WO 2012/058396	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process to treat a heavy hydrocarbon feed in a liquid full hydroprocessing reactor is disclosed. The heavy feed has a high asphaltenes content high viscosity high density and high end boiling point. Hydrogen is fed in an equivalent amount of at least 160 liters of hydrogen per liter of feed l/l (900 scf/bbl). The feed is contacted with hydrogen and a diluent which comprises consists essentially of or consists of recycle product stream. The hydroprocessed product has increased value for refineries such as a feed for an fluid catalytic cracking (FCC) unit.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CRANE HAVING A CRANE JIB IN PARTICULAR A BRACKET CRANE

(51) International classification	:B66C23/24	(71)Name of Applicant :
(31) Priority Document No	:10 2010 060 846.7	1)DEMAG CRANES & COMPONENTS GMBH
(32) Priority Date	:26/11/2010	Address of Applicant :Ruhrstr. 28 58300 Wetter Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/070430	1)GRYZAN Timo
Filing Date	:18/11/2011	2)K–HN Peter
(87) International Publication No	:WO 2012/069370	3)BECKER Eberhard
(61) Patent of Addition to Application	:NA	4)EICHLER Dieter
Number	:NA	5)WINTER Bjrn
Filing Date	.117A	6)KAMINSKI Michael
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a crane (1) comprising a laterally projecting crane jib (3) on which a hoisting device is arranged and which is connected to at least one carrier body (2) which together with the crane jib (3) can travel along an upper guide rail (7) and a lower guide rail (8) by way of traveling gears (4a 4b 4c) wherein in each case the upper and the lower guide rails (7 8) and correspondingly the traveling gears (4a 4b 4c) are arranged spaced vertically from one another. In order to provide a crane (1) comprising a laterally projecting crane jib (3) in particular a bracket crane or a traveling crane the manufacture transport and installation of which are optimized according to the invention the at least one carrier body (2) is designed as one component and connecting surfaces (2a 2b 2c 2d) are arranged on said carrier body to which a respective traveling gear (4a 4b 4c) and the crane jib (3) can be detachably fastened.

No. of Pages : 21 No. of Claims : 10

#### (19) INDIA

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

(54) Title of the invention : GENERATOR

#### (43) Publication Date : 14/11/2014

· · /		
(51) International classification	:H02K1/18	(71)Name of Applicant :
(31) Priority Document No	:10 2010 043 426.4	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:04/11/2010	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069112	1)GUDEWER Wilko
Filing Date	:31/10/2011	
(87) International Publication No	:WO 2012/059461	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	.111	

(57) Abstract :

The invention relates to an electrical generator (3) comprising a stator (2) which has windings lying in grooves (5) formed by metal sheets and which has a predetermined diameter and a predetermined depth. The metal sheets form a laminated core (4 9 10) which is penetrated by threaded bolts (6) the front and rear end of the laminated core (4 9 10) being mounted on a ring (1) of the stator (2). According to the invention an additional mounting point (13) for the laminated core is formed on the stator ring (1) said mounting point (13) being located approximately in the center of the stator ring (1).

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TOUCH PROBE WITH PIEZOELECTRIC SENSOR AND THERMAL INSULATION (51) International classification :G01B7/00,G01B7/012 (71)Name of Applicant : 1)MARPOSS SOCIETA PER AZIONI (31) Priority Document No :BO2010A000653 Address of Applicant : Via Saliceto 13 I 40010 Bentivoglio BO (32) Priority Date :29/10/2010 (33) Name of priority country :Italy Italv (86) International Application No :PCT/EP2011/068658 (72)Name of Inventor: Filing Date :25/10/2011 1)DALLAGLIO Carlo (87) International Publication No :WO 2012/055866 2)GAMBINI Antonio (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number

:NA

:NA

(57) Abstract :

Filing Date

A touch probe (1;1;1;1) for applications in machine tools or measuring machines includes a support frame (2) with a protective casing (3) and a movable armset (5) with a feeler (11) to touch a part to be checked (13). The probe includes a laminar piezoelectric transducer (25) made of polymeric material such as polyvinylidene fluoride which is connected to the support frame and fixed at a bearing and locating area (7) on which the movable armset rests in a position defined by an isostatic rest system (17). A thermal insulation system is placed between the protective casing and the piezoelectric transducer and preferably includes at least one element (28) made of thermal insulating material such as fibreglass between the piezoelectric transducer and the support frame.

No. of Pages : 30 No. of Claims : 16

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : STRONG BASE AMINES TO MINIMIZE CORROSION IN SYSTEMS PRONE TO FORM CORROSIVE SALTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C10G75/02,C23F11/00,C10G7/10 :61/421018 :08/12/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 U.S.A.</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2011/063702 :07/12/2011 :WO 2012/078731	<ul><li>(72)Name of Inventor :</li><li>1)LACK Joel E.</li></ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

Corrosion by ammonia/amine salts in hydrocarbon streams such as distillation overhead streams that contain a mineral acid and water can be prevented avoided or minimized by adding certain strong amines to the streams. The amines have a pKa between about 1 0.5 to about 12 and include but are not necessarily limited to dimethylamine diethylamine dipropylamine diisopropylamine di n butylamine di sec butylamine di tert butylamine pyrrolidine piperidine and combinations thereof. If the hydrocar¬ bon stream further includes a nitrogen containing compound such as ammonia a tramp and/or a residual amine which can form a corrosive salt with the mineral acid then the added amine is a stronger base than the tramp or residual amine if present. The amount of added amine is greater than total amount of nitrogen containing compound so that any corrosive salts formed are less corrosive than the salts that would otherwise form from the ammonia and/or tramp amine.

No. of Pages : 19 No. of Claims : 21

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

#### (54) Title of the invention : METHOD FOR PRODUCING FLEXIBLE POLYURETHANE FOAMS

(51) International classification	:C08G18/36,C08G18/40,C08G18/42	(71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No	:10192092.4	Address of Applicant : Alfred Nobel Strasse 10 40789
(32) Priority Date	:22/11/2010	Monheim am Rhein Germany
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/070478 :18/11/2011	1)KLESCZEWSKI Bert 2)JACOBS Gundolf 3)MEYER AHRENS Sven
Filing Date (87) International Publication No	:WO 2012/069384	4)NEFZGER Hartmut
(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 method for producing flexible polyurethane foams, wherein a polyol component which comprises polyricinoleic acid esters is used as starting substance. The flexible polyurethane foams according to the invention have a bulk density according to DIN EN ISO 3386-1-98 in the range of > 10kg/m3 to < 150 kg/m3, preferably > 20 kg/m3 to < 70 kg/m3, and in general their compressive strength according to DIN EN ISO 3386-1-98 is in the range of > 0.5 kPa to < 20 kPa (at 40% deformation and 4th cycle). The polyricinoleic acid esters are obtainable by the reaction of ricinoleic acid with an alcohol component which comprises mono- and/or polyhydric alcohols with a molecular mass of > 32 g/mol to < 400 g/mol, the reaction being carried out at least in part in the presence of a catalyst.

No. of Pages : 24 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F 11/00	(71)Name of Applicant :
(31) Priority Document No	:10177555.9	1)MYDRIVE SOLUTIONS LIMITED
(32) Priority Date	:20/09/2010	Address of Applicant :Surrey Technology Centre 40 Occam
(33) Name of priority country	:EPO	Road The Surrey Research Park Guildford Surrey GU2 7YG U.K
(86) International Application No	:PCT/GB2011/051767	(72)Name of Inventor :
Filing Date	:20/09/2011	1)JELBERT Richard
(87) International Publication No	:WO 2012/038738	2)HEAVYSIDE Gavin
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : DRIVER PROFILING SYSTEM AND METHOD

(57) Abstract :

A computer implemented method of profiling a driver comprises: identifying events in data representing motion of a vehicle; for the events associating an event with a profile index relating at least to a link on which the vehicle was travelling when the respective event occurred; sorting the events into groups each group corresponding to a different profile index; determining a driver profile from the events; and characterising the driving behaviour of the driver on the basis of the driver profile.

No. of Pages : 66 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SPIRAL WOUND MEMBRANE ELEMENT PRODUCT WATER TUBE WITH EXTERNAL FLOW GROOVES

(51) International classification	:B01D63/10	(71)Name of Applicant :
(31) Priority Document No	:12/915619	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/10/2010	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/US2011/052489	(72)Name of Inventor :
Filing Date	:21/09/2011	1)GOEBEL Phillip T.
(87) International Publication No	:WO 2012/057938	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosed product water tube (70) is for use with a spiral wound filter element having a filter membrane. The product water tube has a tube wall with a plurality of apertures (48) formed therein to allow permeate from the filter membrane to pass through the tube wall and into a center portion of the tube. The tube wall has an outer surface having a pattern of ridges (72) and channels (74) that conduct the permeate across the outer surface of the tube to the apertures.

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

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:201010586269.4	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:03/12/2010	LIMITED
(33) Name of priority country	:China	Address of Applicant :4/F. East 2 Block. SEG Park. Zhenxing
(86) International Application No	:PCT/CN2011/082504	Rd. Futian District Shenzhen Guangdong 518044 China
Filing Date	:21/11/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/071993	1)RUAN Shudong
(61) Patent of Addition to Application	:NA	2)XU Yu
Number	:NA	3)PENG Mo
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

#### (54) Title of the invention : PROCESSING METHOD AND DEVICE FOR WORLD WIDE WEB PAGE

(57) Abstract :

Disclosed is a processing method for the world wide web (WWW) pages. According to the method: websites in need of optimization are determined; for different types of WWW pages in each network corresponding page templates are generated and stored; WWW pages are captured from different websites continuously and each captured WWW page is compared with a corresponding page template; unnecessary HTML data is filtered on the basis of the comparison result and filtered WWW pages are stored; when a WWW page view request is received from a terminal determination about whether a filtered WWW page corresponding to the WWW page that the terminal requested is stored is made; and if the determination is positive the corresponding filtered WWW page is sent back to the terminal. Also disclosed is a processing device for WWW pages. By means of the method and device of the present invention unnecessary information can be effectively removed.

No. of Pages : 14 No. of Claims : 10

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : PROCESS FOR PRODUCING HOT STAMP MOLDED ARTICLE AND HOT STAMP MOLDED ARTICLE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	n:C21D9/46,C22C38/00,C22C38/38 :2010237249 :22/10/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	1	Tokyo 1008071 Japan 2)TOYOTA JIDOSHA KABUSHIKI KAISHA 3)AISIN TAKAOKA CO. LTD. (72)Name of Inventor : 1)HAYASHI Kunio
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:INA	2)ASO Toshimitsu 3)TOMOKIYO Toshimasa 4)TANINO Hitoshi 5)WADA Ryozo
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for producing a hot stamp molded article which comprises a hot rolling step a winding step a cold rolling step a continuous annealing step and a hot stamping step wherein the continuous annealing step comprises a heating step of heating a cold rolled steel sheet to a temperature of not lower than  $Ac^{\circ}C$  and lower than  $Ac^{\circ}C$  a cooling step of cooling the cold rolled steel sheet from the highest heating temperature to 660°C at a cooling rate of 10°C/s or less and a retaining step of retaining the cold rolled steel sheet at a temperature ranging from 550 to 660°C for 1 to 10 minutes.

No. of Pages : 66 No. of Claims : 9

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : HOT ROLLED OR COLD ROLLED STEEL PLATE METHOD FOR MANUFACTURING SAME AND USE THEREOF IN THE AUTOMOTIVE INDUSTRY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/04,C21D8/02,C21D9/46 :PCT/FR2010/052254 :21/10/2010 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)ARCELORMITTAL INVESTIGACION Y</li> <li>DESARROLLO S.L.</li> <li>Address of Applicant :CL/Chavarri 6 E 48910 Sestao Spain</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/FR2011/052451 :20/10/2011	<ul> <li>(72)Name of Inventor :</li> <li>1)SCOTT Colin</li> <li>2)CUGY Philippe</li> </ul>
No (61) Patent of Addition to	:WO 2012/052689	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a hot rolled or cold rolled steel plate characterised in that the composition thereof is in weight percent: 0.6 % = C = 0.9 %; 17 % = Mn = 22 %; 0.2 % = Al = 0.9 %; 0.2 % = Si = 1.1 % with 0.85 % = Al + Si = 1.9 %; 1.2 % = Cu = 1.9 %; S = 0.030 %; P = 0.080 %; N = 0.1 %; optionally: Nb = 0.25 % preferably between 0.070 and 0.25 %; V = 0.5 % preferably between 0.050 and 0.5 %; Ti = 0.5 % preferably between 0.040 and 0.5 %; Ni = 2 %; trace elements = Cr = 2 % preferably = 1 %; B = 0.010 % preferably between 0.0005 % and 0.010 %; the remainder being iron and impurities resulting from the production. The invention also relates to a method for manufacturing said plate and to the use of said plate in the automotive industry.

No. of Pages : 19 No. of Claims : 13

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD OF IDENTIFYING A MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:22/10/2010 :U.K. :PCT/GB2011/052050 :21/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant :5th floor 25 Farringdon Street London EC4A 4AB U.K.</li> <li>(72)Name of Inventor :</li> <li>1)MARCHANT Clive Antony</li> <li>2)CROUD Vincent Brian</li> </ul>
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#### (57) Abstract :

The invention concerns a method of measuring the amount of a particular SERS active taggant compound in a sample of a material comprising the steps of adding an internal standard comprising an isotopically altered version of said SERS active taggant compound to the sample contacting the sample /internal standard mixture with a SERS substrate then subjecting the mixture and SERS substrate to Raman spectroscopy. The concentration SERS active taggant compound in the sample is then calculated from the ratio of (i) the Raman spectroscopy detector response to the SERS active taggant compound to (ii) the Raman spectroscopy detector response to the internal standard.

No. of Pages : 21 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR CONTROLLING BINDING OF CELLS TO A SUBSTRATE

(51) International classification	:C12N5/0775,C12N5/0735	(71)Name of Applicant :
(31) Priority Document No	:10014403.9	1)LONZA COLOGNE GMBH
(32) Priority Date	:09/11/2010	Address of Applicant :Nattermannallee 1 50829 Kln Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069773	1)SCHENK Judith
Filing Date	:09/11/2011	2)VAN DEN BOS Christian
(87) International Publication No	:WO 2012/062819	3)ROSENBAUM Claudia
(61) Patent of Addition to Application	:NA	4)NIE Ying
Number		
Filing Date	:NA	
(62) Divisional to Application Number	· :NA	
Filing Date	:NA	

#### (57) Abstract :

®The invention relates to a method for promoting the adhesion of cells to a substrate to which these cells usually have no or only low affinity wherein the adhesion of the cells to the substrate is promoted by supplying the cells with the non muscle myosin II inhibitor Blebbistatin so as to enable the cells to attach to surfaces to which they otherwise would not have sufficient affinity. Surprisingly supplying the cells with the inhibitor enhances the capability of these cells to attach to surfaces to which they usually have no or only low affinity for example PTFE (Teflon). The invention further concerns uses of the non muscle myosin II inhibitor Blebbistatin and devices having at least one surface which is coated with cells that have no or only low affinity to said surface.

No. of Pages : 56 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : TRANSPORTING SYSTEM TRANSPORTING CARRIAGE AND METHOD FOR TRANSPORTING METAL COILS

	:10188451.8 :22/10/2010 :EPO :PCT/EP2011/066719	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrae 44 A 4031 Linz Austria</li> <li>(72)Name of Inventor :</li> <li>1)HOFER Roland</li> <li>2)GATTERBAUER Roland</li> </ul>
Filing Date	:27/09/2011	
(87) International Publication No	:WO 2012/052259	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

#### (57) Abstract :

A transporting system for transporting metal coils (4) in particular hot coils comprising: a multi track rail system (17); a number of driverless transporting carriages (11) which can be moved on the rail system (17) by means of a drive device (22) and are equipped with an on board communication device (31); a locating device (23) with which up to the moment locational information can be determined for each transporting carriage (11) located on the rail system (17); and a central control device (40) to which the locational information of each transporting carriage (11) can be fed wherein a communication link (19) which at least in certain sections is formed without any lines can be established between the control device (40) and the communication device (31). The invention also relates to a method for transporting metal coils and to a transporting carriage.

No. of Pages : 32 No. of Claims : 24

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : DETECTION AND SELECTION OF A REFERENCE SIGNAL FOR NETWORK BASED WIRELESS LOCATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:07/10/2011 :WO 2012/048272 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>TRUEPOSITION INC.</li> <li>Address of Applicant :1000 Chesterbrook Boulevard Suite 200</li> </ol> </li> <li>Berwyn PA 19312 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>MILLS Donald C.</li> </ol> </li> </ul>
Filing Date	:NA	

#### (57) Abstract :

A serving mobile location center (SMLC) receives a position request concerning a mobile of interest (MOI) operating in a discontinuous transmission (DTX) mode and in response a wireless location system (WLS) is tasked to locate the MOL. A plurality of location measurement units (LMUs) are instructed to receive and digitize radio frequency (RF) energy. At the LMUs a signal of interest is received and cross correlated with a known training sequence to produce a received detection metric. The detection metric is weighted to favor the MOI even in the presence of interference from other mobile devices. The SMLC selects the LMU with the best weighted detection metric as a reference site and selects two or more LMUs with lesser weighted detection metrics above a threshold as co operating sites. The received signal of interest is demodulated and demodulated data are distributed to the cooperating sites.

No. of Pages : 25 No. of Claims : 23

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

(21) Application No.3333/DELNP/2013 A

(43) Publication Date : 14/11/2014

(51) International classification	:B60R21/18	(71)Name of Applicant :
(31) Priority Document No	:61/407678	1)KEY SAFETY SYSTEMS INC.
(32) Priority Date	:28/10/2010	Address of Applicant :7000 Nineteen Mile Road Sterling
(33) Name of priority country	:U.S.A.	Heights MI 48314 U.S.A.
(86) International Application No	:PCT/US2011/058082	(72)Name of Inventor :
Filing Date	:27/10/2011	1)REFIOR Lawrence M.
(87) International Publication No	:WO 2012/058422	2)RICHARDS Steven
(61) Patent of Addition to Application	:NA	3)ARNOLD David R.
Number	:NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : SINGLE RETRACTOR INFLATABLE BELT SYSTEM

(57) Abstract :

A safety restraint system having a seat belt (51) and an inflatable air bag (200) the air bag including first (220) and second (222) opposing panels the first panel including one or more loops (234) and slots (232) to receive a seat belt (51) the air bag and/or seat belt configured to slide relatively to each other along the length of the seat belt.

No. of Pages : 23 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : BEARING SYSTEMS CONTAINING DIAMOND ENHANCED MATERIALS AND DOWNHOLE APPLICATIONS FOR SAME

(51) International		(71)Name of Applicant :
classification	:E21B10/22,E21B10/50,F16C32/00	1)BAKER HUGHES INCORPORATED
(31) Priority Document No	:12/901986	Address of Applicant : P.O. Box 4740 Houston TX 77210 4740
(32) Priority Date	:11/10/2010	U.S.A.
(33) Name of priority country	:U.S.A.	2)ELEMENT SIX LIMITED
(86) International Application	:PCT/US2011/050011	3)ELEMENT SIX GMBH
No	:31/08/2011	(72)Name of Inventor :
Filing Date	.31/08/2011	1)DICK Aaron J.
(87) International Publication	:WO 2012/050674	2)CURRY David A.
No	. WO 2012/030074	3)KOLTERMANN Terry J.
(61) Patent of Addition to	:NA	4)LIN Chih
Application Number	:NA	5)SCOTT Danny E.
Filing Date		6)ZAHRADNIK Anton F.
(62) Divisional to Application	':NA	7)VAN STADEN Louise Frances
Number	:NA	8)FLYNN Gerald Francis
Filing Date	.1 1/2 2	9)FRIES Robert

#### (57) Abstract :

Downhole tool bearings are provided with diamond enhanced materials. The diamond enhanced materials comprise diamond grains in a matrix of tungsten or silicon carbide or a silicon bonded diamond material. A brazed diamond grit or diamond particles coated with a reactive braze may be utilized for bearing applications. Bearing rings for use in downhole tools may be formed at least in part with the diamond enhanced material. In one embodiment the bearing rings may be used in a positive displacement motor. In additional embodiments the bearing rings may be used in a submersible pump.

No. of Pages : 24 No. of Claims : 19

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

#### (43) Publication Date : 14/11/2014

### (54) Title of the invention : ETHYNYLPHENYLAMIDINE COMPOUND OR SALT THEREOF METHOD FOR PRODUCING SAME AND FUNGICIDE FOR AGRICULTURAL AND HORTICULTURAL USE

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> </ul>	:C07C257/10,A01N37/52,A01N43/10 :2010248118 :05/11/2010 :Japan :PCT/JP2011/075268 :02/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)OTSUKA AGRITECHNO CO. LTD. Address of Applicant :2 2 Kandatsukasa machi Chiyoda ku Tokyo 1010048 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MASUMOTO Satoru</li> <li>2)MUTSUTANI Hitoshi</li> <li>3)KIMURA Sachi</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is t o nrovide a novel chemical having an excellent iungicidal activity. The compound t o b e used as the chemical according t o the present invention is an ethynylphenylamidine compound represented b y general formula (1) or a salt thereof. I n general formula (1): R and R 2 represent each a hydrogen atom or a C1-12 alkyl group, o r R 1 and R 2 may b e bonded t o each other t o form a C 1 alkylene group; R 3 represents a hydrogen atom o r a C 1 alkyltnio group; R 4, R 5, R 6 and R 7 represent each a hydrogen atom, a c1-20 alkyl group, a cycloalkyl group, a C 1 haloalkyl group, a phenyl group, a heterocyclic group o r a -(CH 2)n-Si(R)(R)(R)(R) group [wherein R, R 10 and R 1 represent each a C 1 alkyl group; and n represents an integer o f 0 o 1].

No. of Pages : 87 No. of Claims : 11

#### (19) INDIA

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

(54) Title of the invention : HEADPHONE DEVICE

#### (43) Publication Date : 14/11/2014

#### (51) International classification :H04R5/033,H04R1/10,H04R1/40 (71)Name of Applicant : 1)SONY CORPORATION (31) Priority Document No :2010238036 (32) Priority Date Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 :22/10/2010 (33) Name of priority country :Japan Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/073684 No 1)KON Homare :14/10/2011 Filing Date (87) International Publication :WO 2012/053446 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

To minimize the impact of individual differences in virtual sound field reproduction and to also enable natural hearing of external sounds. [Solution] A headphone device wherein a left side headphone unit and a right side headphone unit have speaker arrays comprising a plurality of speaker units arranged so as to surround the auricles. The speaker arrays in the headphone units use wave front synthesis to reproduce a sound field within a closed curved surface in the vicinity of the auricles. Impact caused by individual differences is less likely to occur because the speaker arrays reproduce the sound field within a closed curved surface in the vicinity of the auricles by wave front synthesis and because reverberation and diffraction effects occur in the ear of each individual. In addition the speaker arrays comprise a plurality of speaker units arranged so as to surround the auricles and are not of a shape that blocks the ears of the listener which enables external sounds to be heard naturally.

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

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A47J31/40	(71)Name of Applicant :
(31) Priority Document No	:10187565.6	1)NESTEC S.A.
(32) Priority Date	:14/10/2010	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/067920	(72)Name of Inventor :
Filing Date	:13/10/2011	1)SCORRANO Lucio
(87) International Publication No	:WO 2012/049265	2)MURPHY Richard Luke
(61) Patent of Addition to Application	:NA	3)REY Cdric
Number	:NA :NA	4)ZSOLT Albert
Filing Date	.INA	5)BAUDET Larry Sacha
(62) Divisional to Application Number	:NA	6)GEBS Jonathan
Filing Date	:NA	
		l

#### (54) Title of the invention : BEVERAGE DISPENSER WITH WHIPPER ASSEMBLY

(57) Abstract :

The invention concerns a beverage dispenser comprising : a frame (1) for supporting the components of the dispenser a whipper assembly (2) comprising a whipper housing (21) a whipper device (22) and a back wall (23) the whipper housing and the back wall forming a whipper chamber (24) in which is lodged the whipper device a drive shaft (3) for driving the whipper device (22) said drive shaft being supported by the frame (1) detachable connection means (4a 4b) for attaching the back wall to the whipper housing to the frame.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A61H35/02	(71)Name of Applicant :
(31) Priority Document No	:61/405536	1)HAWS CORPORATION
(32) Priority Date	:21/10/2010	Address of Applicant :1455 Kleppe Lane Sparks NV 89431
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/056951	(72)Name of Inventor :
Filing Date	:19/10/2011	1)STANLEY Stephen
(87) International Publication No	:WO 2012/054647	2)ROBERTS Ian T.
(61) Patent of Addition to Application	:NA	3)GONCZE Zoltan
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : FAUCET MOUNTED EYEWASH UNIT

(57) Abstract :

A faucet mounted eyewash unit for installation onto the discharge end of a standard faucet spout. The eyewash unit in a normal faucet mode position permits uninterrupted water flow through the faucet spout. In an eyewash mode a portion of the eyewash unit is rotated quickly and easily to orient a pair of eyewash discharge ports in upwardly open positions and to couple these eyewash discharge ports to the water flow for upward trajection of a pair of eyewash flushing streams. The eyewash unit further includes a thermostat for preventing hot water flow above a selected temperature level to the eyewash discharge ports.

No. of Pages : 25 No. of Claims : 19

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Detent of Addition to Application</li> </ul>	:A61F6/18 :2010613 :29/10/2010 :Finland :PCT/FI2011/050933 :26/10/2011 :WO 2012/056105	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER OY <ul> <li>Address of Applicant :PO Box 415 FI 20101 Turku Finland</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)ILKKA JUTILA</li> <li>2)LYYTIK,,INEN Heikki</li> </ul> </li> </ul>
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (54) Title of the invention : AN INSERTER FOR AN INTRAUTERINE SYSTEM

(57) Abstract :

The present invention relates to an inserter for an intrauterine system comprising a handle (3) having a longitudinal opening (8) at its first end said opening having a longitudinal axis parallel to the longitudinal axis of the inserter a first end and a second end a movable slider (5) arranged in said longitudinal opening and having a first end and a second end a movable plunger (2) an insertion tube (6) arranged around the plunger having a first end and a second end with its second end attached to the slider locking means for reversibly locking the intrauterine system in relation to the plunger via a removal string of the intrauterine system said locking means being attached to the plunger and being controllable at least by a part or an extension of the slider and/or of the insertion tube or of the handle. A typical inserter according to this invention further comprises movement means (18) which comprise a rotation part (19) arranged to rotate around a rotation axis that is perpendicular to the longitudinal axis of the inserter the rotation part being arranged in functional connection with the plunger and with the slider such that the movement of the slider generates simultaneous movement of the plunger and of the insertion tube along the longitudinal axis of the inserter in opposite directions.

No. of Pages : 32 No. of Claims : 5

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : OIL OR FAT	COMPOSITION	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A23D9/00 :2010256874 :17/11/2010 :Japan :PCT/JP2011/076355 :16/11/2011 :WO 2012/067132 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAO CORPORATION <ul> <li>Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome</li> </ul> </li> <li>Chuo ku Tokyo 1038210 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)HOMMA Rika</li> <li>2)TOMONOBU Kazuichi</li> </ul> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An oil or fat composition comprising 0.02 0.65 mass% of free triterpene alcohol and 0.18 mass% or less of oryzanol. Provided is an oil or fat composition which can be used in cooking and can improve the performance such as textures and flavors of cooked products.

No. of Pages : 30 No. of Claims : 8

(21) Application No.3481/DELNP/2013 A

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR MAKING MULTIPARTICULATE GASTRORETENTIVE DOSAGE FORMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:PCT/IB2011/054689 :20/10/2011	<ul> <li>(71)Name of Applicant : <ol> <li>MELIATYS</li> <li>Address of Applicant :56 Avenue de la Victoire F 13790</li> </ol> </li> <li>Rousset France </li> <li>(72)Name of Inventor : <ol> <li>KIRKORIAN Jo«I Sylvain Michel</li> </ol> </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant: invention relates to a process for making inherent Sow density particles. comprising the steps of (i) providing a powder mixture comprising a swelling agent; (ii) granulating the powder of step (i) with a granulating solution comprising a lipophilie agent into granules and (iii) drying the granules of step (ii). The instant invention further relates to multiparticulate oral gastro retentive dosage forms comprising the inherent low density particles: obtainable by the process.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SUBSTITUTED AMINO BISPHENYL PENTANOIC ACID DERIVATIVES AS NEP INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:01/414163 :16/11/2010 :U.S.A. :PCT/EP2011/070080 :14/11/2011 :WO 2012/065956	<ul> <li>(71)Name of Applicant :</li> <li>1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)COPPOLA Gary Mark</li> <li>2)KARKI Rajeshri Ganesh</li> <li>3)KAWANAMI Toshio</li> </ul>
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(57) Abstract :

The present invention provides a compound of formula I; or a pharmaceutically acceptable salt thereof wherein R R R A X X s and n are defined herein. The invention also relates to a method for manufacturing the compounds of the invention and its therapeutic uses. The present invention further provides pharmaceutical composition of the compounds of the invention and a combination of pharmacologically active agents and a compound of the invention.

No. of Pages : 64 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G03G15/20	(71)Name of Applicant :
(31) Priority Document No	:12/886241	1)LEXMARK INTERNATIONAL INC.
(32) Priority Date	:20/09/2010	Address of Applicant : IP Law Department Bldg. 082 1 740
(33) Name of priority country	:U.S.A.	West New Circle Road Lexington KY 40550 U.S.A.
(86) International Application No	:PCT/US2011/061492	(72)Name of Inventor :
Filing Date	:18/11/2011	1)CAO Jichang
(87) International Publication No	:WO 2012/040746	2)MAUL Michael David
(61) Patent of Addition to Application	:NA	3)SMITH Jerry Wayne
Number		4)WU Scott Shiaoshin
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

#### (54) Title of the invention : FUSER FOR AN ELECTROPHOTGRAPHIC IMAGING DEVICE

(57) Abstract :

A fuser for an electrophotographic imaging device according to one embodiment includes a stationary pressure member having an elongated body with an outer surface. The pressure member is substantially transparent and/or substantially translucent and permits the passage of radiant heat therethrough. An endless fusing belt having a flexible tubular configuration is rotatably positioned about the pressure member. The pressure member is positioned around a heating lamp for transmitting radiant heat through the pressure member to an inner surface of the fusing belt. A backup roll opposes the fusing belt. The pressure member is configured to apply pressure contact to the fusing belt against the backup roll to form a fuser nip between the backup roll and a segment of the fusing belt.

No. of Pages : 26 No. of Claims : 18

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING FLEXIBLE STORAGE AND RETRIEVAL OF SNAPSHOT ARCHIVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F13/00 :12/892735 :28/09/2010 :U.S.A. :PCT/US2011/051221 :12/09/2011 :WO 2012/047451 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno Nevada 89507</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SIVASUBRAMANIAN Swaminathan</li> <li>2)MARSHALL Brad E.</li> <li>3)CERTAIN Tate Andrew</li> <li>4)MANISCALCO Nicholas J.</li> </ul>
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#### (57) Abstract :

A group of computers is configured to implement a block storage service. The block storage service includes a block level storage for storing data from a set of distinct computing instances for a set of distinct users. An interface is configured to allow the set of distinct users to specify respective destinations for storing backup copies of respective data stored in the block level storage for the distinct users. At least some of the respective destinations are for different storage systems remote from one another. A backup copy function is provided for creating backup copies of data stored in the block level storage by the set of distinct computing instances for the set of distinct users. The backup copies are stored in different destination locations specified by respective ones of the plurality of distinct users via the interface.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR DYNAMICALLY MANAGING REQUESTS FOR COMPUTING CAPACITY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:G06F9/50 :12/887241 :21/09/2010 :U.S.A. :PCT/US2011/045241 :25/07/2011 :WO 2012/039834 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno NV 89507 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ATCHISON Lee A.</li> <li>2)WHITE Brian A.</li> <li>3)COHEN Peter D.</li> <li>4)DE SANTIS Peter N.</li> <li>5)GARBER Mikhail</li> </ul>
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(57) Abstract :

Embodiments of systems and methods are described for dynamically managing requests for computing capacity from a provider of computing resources. Illustratively the computing resources may include program execution capabilities data storage or management capabilities network bandwidth etc. The systems or methods automatically allocate computing resources for execution of one or more programs associated with the user. The systems and methods may enable the user to make changes to the allocated resources after execution of the one or more programs has started.

No. of Pages : 46 No. of Claims : 15

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : IMMUNOMODULATORY METHODS AND SYSTEMS FOR TREATMENT AND/OR PREVENTION OF ATHEROSCLEROSIS AND RELATED PROTEINS PEPTIDES AND COMPOSITIONS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:61/385548	(71)Name of Applicant : 1)CARDIOVAX, LLC
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:22/09/2010 :U.S.A.	Address of Applicant :2390 CRENSHAW BLVD. #202 TORRANCE, CALIFORNIA 90501 UNITED STATES OF
(86) International Application No Filing Date	:PCT/IB2011/054178 :22/09/2011	AMERICA U.S.A. (72)Name of Inventor :
(87) International Publication No	:WO 2012/038922	1)HANSSON Gran K.
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Immunostimulatory methods and systems for treating or preventing atherosclerosis and/or a condition associated thereto in an individual and related compounds and compositions.

No. of Pages : 135 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:1058412	1)PHIDIAS TECHNOLOGIES
(32) Priority Date	:15/10/2010	Address of Applicant :2 rue du Fond des Prs Z.I. F 91460
(33) Name of priority country	:France	Marcoussis France
(86) International Application No	:PCT/FR2011/052407	(72)Name of Inventor :
Filing Date	:14/10/2011	1)ALLANIC Andr Luc
(87) International Publication No	:WO 2012/049434	
(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 : RAPID PROTOTYPING METHOD AND DEVICE

(57) Abstract :

The invention relates to a method for producing a product in which the following steps are performed for each working point (11 30) for which it is to be determined whether the point is inside or outside an object typically corresponding to the product to be produced or to a part (layer slice) of the product to be produced namely: determining at least one line (12) from between a line passing through the working point (11; 30) with which is associated a counter dedicated solely to the working point and a line passing through an image (31) of the working point with which image is associated a counter dedicated solely to this image of the working point; on each of the elementary surfaces (i) searching for an intersection between the elementary surface (15) and one of the lines from the line (12) passing through the working point (11; 30) and the line passing through the image of the working point (31) and (ii) modifying the counter if the intersection exists steps (i) and (ii) being performed in a repeated manner; and determining whether the working point is inside or outside the object as a function of the counter dedicated solely to the working point (11; 30). The invention is suitable for use in rapid prototyping and stereolithography.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : FUEL INJECTION SYSTEM AND METHOD FOR FILLING AND/OR VENTING A FUEL INJECTION SYSTEM

(51) International classification	:F02D41/30,F02M37/08,F02M59/44	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(31) Priority Document No	:10 2010 043 255.5	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:03/11/2010	Germany
(33) Name of priority countr	y:Germany	(72)Name of Inventor :
(86) International	:PCT/EP2011/066404	1)KOEHLER Achim
Application No	:21/09/2011	2)WUERZ Joerg
Filing Date		
(87) International Publication No	<sup>n</sup> :WO 2012/059268	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to		
Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a fuel injection system in particular to a common rail injection system comprising a pre supply pump (1) and a high pressure pump (2) wherein the high pressure pump (2) is used to apply a high pressure to the fuel and comprises at least one pump element having a first valve which is used as inlet valve (3) and a second valve which is used as an outlet valve (4). According to the invention the pre supply pump (1) is an electrical fuel pump by means of which a pre supply pressure can be achieved which is equal to or greater than the total opening pressure of both valves (3 4) of the pump element such that rapid filling and/or venting can be effected during the initial start in the vehicle plant or when restarting after an empty tank. The invention further relates to a method for filling and/or venting such a fuel injection system.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A PHOTOVOLTAIC DEVICE AND METHOD FOR THE PRODUCTION OF A PHOTOVOLTAIC DEVICE

(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(33) Name of priority country:N(86) International Application No:PFiling Date:1(87) International Publication No:W(61) Patent of Addition to Application:NNumber:NFiling Date:N(62) Divisional to Application Number:N	NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH (SEA) PTE. LTD. Address of Applicant :11 Bishan Street 21 Singapore 573943</li> <li>Singapore</li> <li>2)NANYANG TECHNOLOGICAL UNIVERSITY</li> <li>(72)Name of Inventor :</li> <li>1)SUN Cheng</li> <li>2)MATHEWS Nripan</li> <li>3)MHAISALKAR Subodh</li> <li>4)ZEN Achmad</li> <li>5)TREUTLER Christoph</li> </ul>
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### (57) Abstract :

A photovoltaic device (1; 14; 17) comprising a substrate (2) comprising a major surface (3) and a material that is transparent at optical wavelengths a first metallic electrode (6) arranged on the major surface (3) a second metallic electrode (11) spaced apart from the first electrode (6) a first plurality of nanowires (7) comprising a longitudinal outer surface and end faces and at least one photovoltaically active material (10; 23). The plurality of nanowires extends generally parallel to the major surface of the substrate and comprises semiconductive material. The plurality of first nanowires (7) and the photovoltaically active material (10; 23) are arranged between the first metallic electrode (6) and the second metallic electrode (11). The longitudinal outer surface (9) of opposing ends of the plurality of first nanowires (7) is embedded in the first metallic electrode (6).

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A61F2/02,A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:201010283652.2	1)LIFETECH SCIENTIFIC (SHENZHEN) CO. LTD.
(32) Priority Date	:16/09/2010	Address of Applicant : Langshan 2nd Street Nanshan Shenzhen
(33) Name of priority country	:China	Guangdong 518000 China
(86) International Application No	:PCT/CN2010/078075	(72)Name of Inventor :
Filing Date	:25/10/2010	1)LIU Xiangdong
(87) International Publication No	:WO 2012/034298	2)ZENG Weijun
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : OCCLUSION DEVICE AND METHOD FOR ITS MANUFACTURE

(57) Abstract :

An occlusion device comprises a distal end a proximal end and an elastic braided body which is provided between the proximal end and the distal end and made of wires. The elastic braided body is composed of a multi stage braided net which comprises at least a first stage braided net that is closest to the distal end and made of a plurality of first stage wires and a second stage braided net which is braided by a plurality of first stage wires and second stage wires all together. The minimum cross section area of the first stage braided net after being compressed toward the direction perpendicular to an axis of the elastic braided body is less than the minimum cross section area of any other stage braided net after being compressed toward the axis. A method for manufacturing the occlusion device is also provided.

No. of Pages : 48 No. of Claims : 17

(21) Application No.3505/DELNP/2013 A

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MASK AND METHOD FOR USE IN RESPIRATORY MONITORING AND DIAGNOSTICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:A61B5/097,A61B5/08,A61F5/56 :12/888237 :22/09/2010 :U.S.A. :PCT/CA2011/000555 :17/05/2011 :WO 2012/037641 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNIVERSITY HEALTH NETWORK <ul> <li>Address of Applicant :190 Elizabeth Street R. Fraser Elliott</li> </ul> </li> <li>Building Room 1S 417 Toronto Ontario M5G 2C4 Canada</li> <li>(72)Name of Inventor : <ul> <li>1)ALSHAER Hisham</li> <li>2)FERNIE Geoffrey Roy</li> <li>3)BRADLEY T. Douglas</li> <li>4)LEVCHENKO Oleksandr Igorovich</li> <li>5)PONG Steven M.</li> </ul> </li> </ul>
Application Number Filing Date (62) Divisional to Application		5)rong sieven m.
Number Filing Date	:NA	

(57) Abstract :

A mask for use in respiratory monitoring and/or diagnostics and method of use thereof the mask comprising at least one transducer responsive to sound and/or airflow and a support structure configured to rest on a subject s face and extending outwardly therefrom to support the transducer at a distance and orientation from the nose and mouth thereby allowing breathing sound and/or airflow monitoring via the transducer.

No. of Pages : 82 No. of Claims : 40

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : FAST DISINTEGRATING COMPOSITIONS COMPRISING NABILONE AND RANDOMLY METHYLATED BETA CYCLODEXTRIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)AOP ORPHAN PHARMACEUTICALS AG Address of Applicant :Wilhelminenstr: 91/II f A 1160 Vienna Austria</li> <li>(72)Name of Inventor :</li> <li>1)VIERNSTEIN Helmut</li> <li>2)TOEGEL Stefan</li> <li>3)SCHUELLER Regina</li> </ul>
(87) International Publication No	:WO 2012/069591	c)> c1 c 22222 c c gain
(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 novel composition comprising Nabilone and randomly methylated cyclodextrin (RAMEB) wherein the weight ratio (dry weight to dry weight) between Nabilone and RAMEB is about 1:60 1:140. The present invention further provides methods for increasing the bioavailability of Nabilone.

No. of Pages : 33 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/04/2013 (43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESSING GASEOUS STREAMS RESULTING FROM CARBONYLATION PROCESS

(51) International classification	:B01D53/14,B01D53/86,C07C51/48	(71)Name of Applicant : 1)EASTMAN CHEMICAL COMPANY
(31) Priority Document No	:61/413212	Address of Applicant :200 South Wilcox Drive Kingsport TN
(32) Priority Date	:12/11/2010	37660 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:08/11/2011	1)DONALD WAYNE LANE 2)CONAWAY Randall Lee 3)PARTIN Lee Reynolds 4)BEWLEY Jerry Lee 5)JONES William Crawford
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	6)BAYS Joseph Nathaniel

(57) Abstract :

The invention provides methods for recovering iodine containing compounds from a gaseous stream that contain at least one iodine containing compound. The method includes: (a) contacting the gaseous stream with liquid methyl acetate in a first scrubbing zone to produce a methyl acetate scrubbed gaseous stream and a first used scrubbant the first used scrubbant containing methyl acetate acetic acid and the iodide compound; and (b) contacting at least some of the methyl acetate scrubbed gaseous stream with liquid acetic acid in a second scrubbing zone to produce an acetic acid scrubbed gaseous stream and a second used scrubbant the second used scrubbant containing methyl acetate and acetic acid. The method may further include a third scrubber step that includes contacting at least some of the acetic acid scrubbed gaseous stream and a third used scrubbant the third used scrubbant containing water and acetic acid. The gaseous stream may also contain other components for example hydrogen carbon monoxide methyl acetate acetic acid acetic anhydride nitrogen ethylidene diacetate methane argon or a combination of two or more of the foregoing. Optionally at least some of the third used scrubbant with reactants may be combined in a chemical process that uses mixtures of acetic acid and water.

No. of Pages : 26 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : MOLD TOOL SYSTEM HAVING MANIFOLD BODY DEFINING UNINTERRUPTED MELT CHANNELS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A23P1/00 :12/953611 :24/11/2010 :U.S.A. :PCT/US2011/061583 :21/11/2011 :WO 2012/071294 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUSKY INJECTION MOLDING SYSTEMS LTD Address of Applicant :500 Queen Street South Bolton Ontario L7E 5S5 Canada</li> <li>(72)Name of Inventor :</li> <li>1)JENKO Edward Joseph</li> <li>2)DEZON GAILLARD Patrice Fabien</li> <li>3)BOUTI Abdeslam</li> <li>4)PLUMPTON James Osborne</li> </ul>
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(57) Abstract :

A mold tool system comprising: a manifold assembly including: a manifold body defining: an inlet assembly; outlets being set apart from the inlet assembly; and uninterrupted melt channels extending between the inlet assembly and the outlets.

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

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : MODULAR COATER SEPARATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> </ul> </li> </ul>	:PCT/EP2011/068176 :18/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)AGC GLASS EUROPE <ul> <li>Address of Applicant :Chausse de La Hulpe 166 B 1170</li> </ul> </li> <li>Bruxelles (Watermael Boitsfort) Belgium</li> <li>(72)Name of Inventor : <ul> <li>1)LECOMTE Benoit</li> <li>2)WIAME Hugues</li> <li>3)YONEMICHI Tomohiro</li> </ul> </li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

The invention relates to a process for depositing under vacuum a multilayers coating stack on a flat glass substrate and to a modular coater for the deposit of thin layers on a flat glass substrate. A gas separation zone disposed between two depositing zones of the modular coater comprises at least one gas injector in the vicinity of the convoying path for the glass substrate which passes through apertures from a depositing zone towards the other depositing zone via the separation zone. The invention allows improvement of the separation factor between the two depositing zones.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

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

### (43) Publication Date : 14/11/2014

(54) Title of the invention : A SUPPORT DEVICE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A47G1/17 :NA :NA :PCT/SE2010/051360 :10/12/2010 :WO 2012/078085 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCA HYGIENE PRODUCTS AB Address of Applicant :S 405 03 Gteborg Sweden</li> <li>(72)Name of Inventor :</li> <li>1)KLING Robert</li> </ul>

(57) Abstract :

A support device (60) for mounting on a flat surface (62) is provided. The support device (60) comprises a base member (2) having a first side (6) adapted to face the flat surface (62) and a second side (18) opposite to the first side (6) and a cover member (64) adapted to cover at least partially the base member (2). The base member (2) is adapted to be attached to the flat surface (62) by means of a fastening system. The fastening system comprises a first surface (8) adapted for the application of a stretch releasable adhesive strip (10) on the first side (6) of the base member (2). The base member (2) has a through opening (12) extending through the base member (2) from the second side (18) to the first side (6). The through opening (12) being arranged adjacent to the first surface (8) and being adapted for pulling the stretch releasable adhesive strip (10) at least partially therethrough. The cover member (64) in a first position covers the through opening (12).

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SOLAR COLLECTOR HAVING A CONCENTRATOR ARRANGEMENT FORMED FROM SEVERAL SECTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F24J2/05,F24J2/07,F24J2/14 :1744/10 :24/10/2010 :Switzerland :PCT/CH2011/000257 :24/10/2011 :WO 2012/055055 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AIRLIGHT ENERGY IP SA Address of Applicant :Via Croce 1 CH 6710 Biasca Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)PEDRETTI Andrea</li> </ul>
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### (57) Abstract :

The additional concentrators of a second concentrator arrangement in a linear concentrator which is designed as a trough concentrator allow the concentrated radiation to be concentrated in focal point areas with the result that a higher concentration of radiation and thus higher temperatures can be achieved in the absorber tube. In order to reduce the heat losses in the absorber tube which are increasing exponentially due to the higher temperatures an absorber arrangement is provided in synergy which comprises rows of individual thermal openings said rows being located next to one another.

No. of Pages : 48 No. of Claims : 14

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CORNER BEAD FOR RECEIVING WALLS OF A BODY SHELL AND COLLAPSIBLE BODY SHELL THAT CAN BE ASSEMBLED AND TAKEN APART

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)GROUPE DUSOGAT <ul> <li>Address of Applicant :Route de Jallemain F 77570 Chateau</li> </ul> </li> <li>Landon France <ul> <li>(72)Name of Inventor :</li> <li>1)MEYER HORN Felix</li> </ul> </li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The present invention relates to a corner bead (2) for receiving walls (3) of a body shell having an outer outgrowth (29) provided with a rim for hooking a tensile element (6) thereon and possibly a projection provided with a transverse retaining area (212) suitable for being inserted into a groove (31) parallel to one edge of a wall (3) of the body shell. Such a corner bead (2) and a tensile element (6) make it possible at the same time to assemble a body shell and ensure the transport and storage thereof when same is taken apart.

No. of Pages : 76 No. of Claims : 17

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD OF CUTTING STEEL FOR USE IN MACHINE STRUCTURES

(51) International classification	:B23Q11/10,C22C38/00,C22C38/60	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL
(31) Priority Document No	:2010246072	CORPORATION
(32) Priority Date	:02/11/2010	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	y :Japan	Tokyo 1008071 Japan
(86) International Application No Filing Date	:01/11/2011	<ul><li>(72)Name of Inventor :</li><li>1)AISO Toshiharu</li><li>2)YOSHIDA Suguru</li></ul>
(87) International Publication	<sup>1</sup> :WO 2012/060383	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Applicatio Number Filing Date	<sup>n</sup> :NA :NA	

(57) Abstract :

Disclosed is a method of cutting steel for use in machine structures wherein the steel for use in machine structures has a chemical constitution which includes in mass% C:0.01 1.2% Si:0.005 3.0% Mn:0.05% 3.0% P:0.001 0.2% S:0.001 0.35% N:0.002 0.035% and Al:0.05 1.0% which fulfills [Al%] (27/14)—[N%]0.05% (where [Al%] and [N%] are defined as the mass% of Al and N in the steel respectively) which includes other elements as necessary and the remaining portion of which consists of Fe and unavoidable impurities. In the disclosed method of cutting steel for use in machine structures this steel for use in machine structures undergoes cutting processing in which a non water soluble cutting fluid is used that has 4 16 volume% dissolved oxygen.

No. of Pages : 43 No. of Claims : 5

(19) INDIA

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

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PRODUCING L FUCOSE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07H1/08,C07H3/02 :1017392.0 :14/10/2010 :U.K. :PCT/EP2011/067906 :13/10/2011 :WO 2012/049257 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)GLYCOM A/S</li> <li>Address of Applicant :Diplomvej 373 ~ 1st fl. DK 2800 Kgs.</li> </ul> </li> <li>Lyngby Denmark </li> <li>(72)Name of Inventor : <ul> <li>1)SCHROVEN Andreas</li> <li>2)DEKANY Gyula</li> <li>3)R-HRIG Christoph</li> <li>4)VRASIDAS Ioannis</li> <li>5)FIGUEROA P‰REZ Ignacio</li> <li>6)HEDEROS Markus</li> <li>7)BOUTET Julien</li> <li>8)KR-GER Lars</li> <li>9)KOV CS P‰NZES Piroska</li> <li>10)HORV TH Ferenc</li> <li>11)RISINGER Christian</li> <li>12)PIPA Gergely</li> </ul></li></ul>
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### (57) Abstract :

The present invention provides: in a first aspect a method for the preparation of L fucose wherein L fucose precursors are produced from pectin and L fucose is produced from the L fucose precursors; in a second aspect a method for the preparation of L fucose from D galacturonic acid or a salt thereof wherein L fucose precursors are produced from D galacturonic acid or a salt thereof and L fucose is produced from the L fucose precursors; and an L fucose precursors shown in Formula A below wherein R is a linear or branched chain saturated hydrocarbon group with 1 6 carbon atoms such as methyl ethyl propyl propyl butyl butyl butyl butyl hexyl etc. preferably a methyl group.

No. of Pages : 25 No. of Claims : 33

### (19) INDIA

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

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : FLUID FILTER SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:01/10/2010 y:U.S.A. :PCT/US2011/053555 :28/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CATERPILLAR INC. Address of Applicant :100 N.E. Adams Street Peoria IL 61629</li> <li>9510 U.S.A.</li> <li>2)ADVANCED FILTRATION SYSTEMS INC.</li> <li>3)DONALDSON COMPANY INC.</li> <li>(72)Name of Inventor :</li> <li>1)RIES Jeffrey R.</li> <li>2)SALVADOR Christopher J.</li> <li>3)HEIBENTHAL Randall W.</li> <li>4)DEEDRICH Dennis M.</li> <li>5)HARDER David B.</li> <li>6)HACKER John R.</li> <li>7)EISENMENGER Richard J.</li> </ul>
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#### (57) Abstract :

An endcap (32 38) including a first plate member including a radial inner portion a radial outer portion and defining a longitudinal axis (18). The endcap (32 38) also includes a flange (52) disposed between the radial inner and outer portions of the first plate member and projecting axially along the longitudinal axis (18) in a first direction. The endcap (32 38) also includes a first seal member (42) disposed adjacent the flange (52). The first seal (42) includes a first portion thereof engaged with an axial facing surface of the first plate member and a second portion thereof engaged with a radially facing surface of the flange (52). The endcap (32 38) further includes a second plate member disposed radially outward of the radial outer portion and a second seal member (44) disposed adjacent the second plate member including at least a portion thereof axially spaced from the axially facing surface of the first plate member in a second direction along the longitudinal axis (18) opposite the first direction.

No. of Pages : 31 No. of Claims : 10

### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PRODUCING TRANS 1 4 BIS(AMINOMETHYL)CYCLOHEXANE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/JP2011/073005 :05/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YOSHIMURA Naritoshi</li> <li>2)KIYONO Shinji</li> <li>3)HAMADA Tetsuya</li> <li>4)WATANABE Eiji</li> <li>5)SAWADA Saiko</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA <sup>1</sup> :NA :NA	

(57) Abstract :

A method for producing trans 1 4 bis(aminomethyl)cyclohexane involves: a nuclear hydrogenation step of subjecting at least one type of terephthalic acid or a derivative thereof selected from a group consisting of terephthalic acid terephthalate esters and terephthalic acid amides to nuclear hydrogenation to thereby obtain hydrogenated terephthalic acid or a derivative thereof; a cyanation step of bringing the hydrogenated terephthalic acid or the derivative thereof obtained in the nuclear hydrogenation step into contact with ammonia to thereby obtain trans 1 4 dicyanocyclohexane from the obtained 1 4 dicyanocyclohexane; and an aminomethylation step of bringing the trans 1 4 dicyanocyclohexane obtained in the cyanation step into contact with hydrogen to thereby obtain trans 1 4 bis(aminomethyl)cyclohexane. In the cyanation step a metal oxide is used as a catalyst and the metal content of the obtained trans 1 4 dicyanocyclohexane is 3000 ppm or less.

No. of Pages : 62 No. of Claims : 19

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DETERGENT COMPOSITION COMPRISING BLUING AGENT AND CLAY SOIL REMOVAL / ANTI REDEPOSITION AGENT

(51) International classification (31) Priority Document No	n:C11D3/42,C09B69/00,C09B69/10 :12/910258	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/10/2010	Address of Applicant : One Procter & Gamble Plaza Cincinnati
<ul><li>(33) Name of priority country</li><li>(86) International Application</li></ul>		Ohio 45202 U.S.A. (72)Name of Inventor :
No Filing Date	:PCT/US2011/057270 :21/10/2011	1)STENGER Patrick Christopher 2)MIRACLE Gregory Scot
(87) International Publication	:WO 2012/054823	3)MOON Andrew Phillip 4)LOUGHNANE Brian Joseph
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MUTHUKRISHNAN Sivaramakrishnan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A laundry detergent composition comprising: (a) detersive surfactant; (b) bluing agent and (c) a clay and soil removal/anti redeposition agent; and (d) optionally one or more additional laundry detergent ingredients.

No. of Pages : 51 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LOW BUILT DETERGENT COMPOSITION COMPRISING BLUING AGENT

(51) International classification	n:C11D3/42,C09B69/00,C09B69/10	(71)Name of Applicant :
(31) Priority Document No	:12/910258	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/10/2010	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/057264 :21/10/2011	<ul><li>(72)Name of Inventor :</li><li>1)STENGER Patrick Christopher</li><li>2)MIRACLE Gregory Scot</li></ul>
(87) International Publication No	:WO 2012/054821	3)MOON Andrew Phillip
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A solid laundry detergent composition comprising: (a) detersive surfactant; (b) bluing agent; and (c) from 0wt% to 10wt% zeolite builder; (d) from 0wt% to 10wt% phosphate builder; and (e) optionally one or more additional laundry detergent ingredients.

No. of Pages : 40 No. of Claims : 9

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : BIS AZO COLORANTS FOR USE AS BLUING AGENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> </ul>	n:C11D3/42,C09B69/00,C09B69/10 :12/910258 :22/10/2010 :U.S.A. :PCT/US2011/057290 :21/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MIRACLE Gregory Scot</li> <li>2)MCHAFFEY Robert Linn</li> </ul>
(87) International Publication	:WO 2012/054835	3)HONG Xiaoyong Michael 4)TORRES Eduardo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)VALENTI Dominick Joseph
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to bis azo colorants for use as bluing agents laundry care compositions comprising bis azo colorants that may serve as bluing agents processes for making such bluing agents and laundry care compositions and methods of using the same. The bluing agents are generally comprised of at least two components: at least one chromophore component and at least one polymeric component. These bluing agents are advantageous in providing a whitening effect to fabrics while not building up over time and causing undesirable blue discoloration to the treated fabrics.

No. of Pages : 91 No. of Claims : 13

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : DETERGENT COMPOSITION COMPRISING BLUING AGENT AND RAPIDLY WATER SOLUBLE BRIGHTENER

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	n:C11D3/42,C09B69/00,C09B69/10 :12/910258 :22/10/2010	1) <b>THE PROCTER &amp; GAMBLE COMPANY</b> Address of Applicant :One Procter & Gamble Plaza Cincinnati
<ul> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:U.S.A. :PCT/US2011/057262 :21/10/2011 :WO 2012/054820	Ohio 45202 U.S.A. (72)Name of Inventor : 1)STENGER Patrick Christopher 2)MIRACLE Gregory Scot 3)MOON Andrew Phillip 4)LANT Neil Joseph
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

(57) Abstract :

A solid laundry detergent composition comprising: (a) detersive surfactant; (b) bluing agent; (c) C.I. fluorescent brightener 260; and (d) optionally one or more additional laundry detergent ingredients.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ELECTROCURTAIN COATING PROCESS FOR COATING SOLAR MIRRORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:12/911189 :25/10/2010 :U.S.A. Io:PCT/US2011/046401 :03/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio</li> <li>44111 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KABAGAMBE Benjamin</li> <li>2)BOYD Donald W.</li> <li>3)BUCHANAN Michael J.</li> <li>4)KELLY Patrick</li> <li>5)KUTILEK Luke A.</li> <li>6)MCCAMY James W.</li> <li>7)MCPHERON Douglas A.</li> <li>8)OROSZ Gary R.</li> <li>9)LIMBACHER Raymond D.</li> </ul>
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(57) Abstract :

An electrically conductive protective coating or film is provided over the surface of a reflective coating of a solar mirror by flowing or directing a cation containing liquid and an anion containing liquid onto the conductive surface. The cation and the anion containing liquids are spaced from and preferably out of contact with one another on the surface of the reflective coating as an electric current is moved through the anion containing liquid the conductive surface between the liquids and the cation containing liquid to coat the conductive surface with the electrically conductive coating.

No. of Pages : 47 No. of Claims : 34

(19) INDIA

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

### (54) Title of the invention : CANISTER FILTER SYSTEM WITH DRAIN THAT COOPERATES WITH FILTER ELEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B01D35/153,B01D35/16 :12/896555 :01/10/2010 :U.S.A. :PCT/US2011/053554 :28/09/2011 :WO 2012/044636 :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>(71)Name of Applicant :</li> <li>(71)CATERPILLAR INC.</li> <li>Address of Applicant :100 N.E. Adams Street Peoria IL 61629</li> </ul> </li> <li>(9510 U.S.A. <ul> <li>(2)ADVANCED FILTRATION SYSTEMS INC.</li> <li>(3)DONALDSON COMPANY INC.</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>(1)ALLOTT Mark T.</li> <li>(2)OFORI AMOAH David</li> <li>(3)SALVADOR Christopher J.</li> <li>(4)HEIBENTHAL Randall W.</li> <li>(5)DEEDRICH Dennis M.</li> <li>(6)HARDER David B.</li> <li>(7)HACKER John R.</li> <li>(8)EISENMENGER Richard J.</li> </ul> </li> </ul>
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(57) Abstract :

A filter element (30) disclosed herein includes a center tube (32) defining a central reservoir (55) and including an interior sidewall (62). The filter element (30) further includes an end plate and a pocket (36) defining a port (54) extending from the end plate into the central reservoir (55). The pocket (36) includes an inner wall (56) an outer wall (57) and a plurality of projections (59) extending from the outer wall (57) of the pocket (36) toward the interior sidewall (62) of the center tube (32).

No. of Pages : 26 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : FOLDABLE I	BATH TUB	
<ul> <li>(54) Title of the invention : FOLDABLE I</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> </ul>	:A47K3/06 :PCT/CN2010/078026 :22/10/2010 :China :PCT/CN2011/071714 :11/03/2011 :WO 2012/051827	<ul> <li>(71)Name of Applicant :</li> <li>1)KARIBU BABY LTD.</li> <li>Address of Applicant :Unit 12 18th Floor Bear Block Wah Fat Industrial Building 10 14 Kung Yip Street Kwai Chung New Territories Hong Kong China</li> <li>(72)Name of Inventor :</li> <li>1)YEUNG Kwok Lam</li> </ul>
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(57) Abstract :

A foldable bath tub includes a bottom board (100), a panel (200) and a foldable circular basin wall (300) connected between the bottom board (100) and the panel (200). The bottom board (100) and the panel (200) are both formed by one-shot injection molding and the circular basin wall (300) is formed by two-shot injection molding.

No. of Pages : 30 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DETERGENT COMPOSITION COMPRISING BLUING AGENT AND CLAY SOIL REMOVAL / ANTI REDEPOSITION AGENT

(51) International classification (31) Priority Document No	n:C11D3/42,C09B69/00,C09B69/10 :12/910258	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/10/2010	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2011/057279 :21/10/2011 :WO 2012/054827	<ul> <li>(72)Name of Inventor :</li> <li>1)STENGER Patrick Christopher</li> <li>2)MIRACLE Gregory Scot</li> <li>3)MOON Andrew Phillip</li> <li>4)LOUGHNANE Brian Joseph</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:NA :NA	5)MUTHUKRISHNAN Sivaramakrishnan
Number Filing Date	:NA :NA	

(57) Abstract :

A laundry detergent composition comprising: (a) detersive surfactant; (b) bluing agent and (c) a clay and soil removal/anti redeposition agent; and (d) optionally one or more additional laundry detergent ingredients.

No. of Pages : 47 No. of Claims : 10

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F02M37/00,F02M69/54,F02M63/02 :10 2010 043 531.7 :08/11/2010 :Germany :PCT/EP2011/066410 :21/09/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)AMBROCK Sascha</li> </ul>
(87) International Publication No	:WO 2012/062508	
(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 fuel injection system of an internal combustion engine, comprising a high pressure fuel pump (3), wherein a metering device (7) is connected upstream of the high pressure region (5) of said high pressure fuel pump and said metering device (7) feeds a fuel quantity conveyed from a supply tank (2) in metered quantities to the high-pressure region (5) via a feed line (8). A zero delivery line (18) branches from the feed line (8) and in the region of a constriction (20) of a Venturi throttle (19) opens into a return line (14), wherein furthermore the Venturi throttle (19) comprises a respective filter (22, 23) in an intake (21) and/or in a junction portion leading into the constriction (20).

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

(19) INDIA

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

(54) Title of the invention : FUEL INJECTOR

### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(1) Detertion A different Application</li> </ul>	:F02M47/02,F02M63/00 :10 2010 043 360.8 :04/11/2010 :Germany :PCT/EP2011/066382 :21/09/2011 :WO 2012/059265	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart </li> <li>Germany (72)Name of Inventor : 1)UHLMANN Dietmar 2)CHASSAGNOUX Violaine </li> </ul>
(86) International Application No	:PCT/EP2011/066382	(72)Name of Inventor :
(87) International Publication 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 fuel injector for a fuel injection system, in particular a common rail injection system, comprising a control valve (1), which is formed in a valve plate (2) and comprises a valve pin (5) which is axially preloaded with respect to a valve seat (4)by means of a spring (3), and further comprising an actuator unit (6) for actuating the control valve (1), wherein a hydraulic coupling unit (7) is arranged between the actuator unit (6) and the control valve (1), said hydraulic coupling unit comprising a valve plunger (8) seated against the valve pin (5). According to the invention, the outer contours of the valve pin (5) and of the valve plunger (8), and an inner contour (9) of the valve plate (2), which adjoins the valve seat (4) in the direction of flow, form an outlet channel (10), the flow cross-section of which increases continually in the direction of flow.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CONDUCTIVE ANILINE POLYMER METHOD FOR PRODUCING SAME AND METHOD FOR PRODUCING CONDUCTIVE FILM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C08G73/00,C08J5/18 :2010240039 :26/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)Mitsubishi Rayon Co. Ltd.</li> <li>Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:Japan :PCT/JP2011/074510	Tokyo 1008253 Japan (72) <b>Name of Inventor :</b>
(80) International Application No Filing Date (87) International Publication No	:PC1/JP2011/074310 :25/10/2011 :WO 2012/057114	<ul><li>(72)Name of inventor :</li><li>1)YAMADA Kohei</li><li>2)HORIUCHI Yasushi</li></ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HACHIYA Yukiko 4)UZAWA Masashi 5)SAKAI Takahiro
(62) Divisional to Application Number Filing Date	:NA :NA	6)TAKAGI Tamae

### (57) Abstract :

When measuring the molecular mass distribution of conductive aniline polymer of formula (1) by GPC and converting its retention time into molecular mass (M) in terms of sodium polystyrene sulfonate, for the molecular mass (M), the area ratio (X/Y) of the area (X) of a region of 15,000 Da or more to the area (Y) of a region of less than 15,000 Da is 1.20 or more. A method for producing such a polymer includes: t polymerization step (ZI) where specific aniline derivative (A) is polymerized in a solution containing basic compound (B), solvent (C), and oxidizing agent (D) at a liquid temperature lower than 25 °C; or polymerization step (Z2) where specific aniline derivative (A) and oxidizing agent (D) are added to and polymerized in a solution of a conductive aniline polymer (Pl) with a unit of formula (1) dissolved or dispersed in a solvent (C).

No. of Pages : 95 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:F16D3/2237	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GKN DRIVELINE INTERNATIONAL GMBH
(32) Priority Date	:NA	Address of Applicant :Hauptstrasse 130 53797 Lohmar
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2010/068343	(72)Name of Inventor :
Filing Date	:26/11/2010	1)HILDEBRANDT Wolfgang
(87) International Publication No	:WO 2012/069093	2)ERYILMAZ Orkan
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	

### (54) Title of the invention : COUNTER TRACK JOINT WITH AXIAL DISPLACEMENT RANGE

(57) Abstract :

Joint (1) in the form of a counter track joint comprising a joint outer part (2) with first outer ball tracks (3) and second outer ball tracks (4); a joint inner part (5) with first inner ball tracks (6) and second inner ball tracks (7); wherein first aperture angles (13) are respectively formed between tangents to contact points (14) of a ball (10) with the first outer ball track (3) and with the first inner ball track (6) and second aperture angles (28) are respectively formed between tangents to contact points (14) of a ball (10) with the first outer ball track (3) and with the first inner ball track (6) and second aperture angles (28) are respectively formed between tangents to contact points (14) between a ball (10) with the second outer ball track (4) and with the second inner ball track (7) wherein the first aperture angles (13) of the first track pairs (8) open towards a first side (15) of the joint (1) and the second aperture angles (28) of the second track pairs (9) open towards a second side (16) of the joint (1) wherein on the one hand outer axial play (17) is provided between the joint outer part (2) and the ball cage (11) and on the other hand inner axial play (18) is provided between the ball cage (11) and the joint inner part (5) said axial play permitting relative axial displacement of the joint inner part (5) with respect to the joint outer part (2).

No. of Pages : 29 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:C07D265/18	(71)Name of Applicant :
(31) Priority Document No	:10013632.4	1)LONZA LTD
(32) Priority Date	:14/10/2010	Address of Applicant :Lonzastrasse CH 3930 Visp
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/005163	(72)Name of Inventor :
Filing Date	:14/10/2011	1)BRENNER Meinrad
(87) International Publication No	:WO 2012/048886	2)CARREIRA Erick M.
(61) Patent of Addition to Application	:NA	3)CHINKOV Nicka
Number	:NA :NA	4)LORENZI Miriam
Filing Date	.NA	5)WARM Aleksander
(62) Divisional to Application Number	:NA	6)ZIMMERMANN Lothar
Filing Date	:NA	
(57) Ab strept :		l

### (54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CYCLIC CARBAMATES

(57) Abstract :

The invention is directed to a process for the preparation of a cyclic carbamate starting with o-aminobenzyl alcohol and/or a suitable salt thereof, which is reacted with a cyclisation agent selected from phosgene, diphosgene, triphosgene and mix o tures thereof, and in that the reaction carried out in the presence of an aqueous base, and a water- immiscible organic solvent, said organic solvent mainly comprising at least one compound selected from C2 -alkyl C2 -carboxylates and mixtures of at least one C2 -alkyl C2 -carboxylate with at least one Cs-s-alkane.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : CUTTING APPARATUS FOR A GRANULATOR FOR CUTTING GRANULES FROM PLASTICS MATERIAL STRANDS EMERGING FROM NOZZLES HAVING A KNIFE ROTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul>	:10 2010 037 930.1 :01/10/2010 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)AUTOMATIK PLASTICS MACHINERY GMBH Address of Applicant :Ostring 19 63762 Grossostheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)CZERNY Gino</li> <li>2)DAHLHEIMER Stefan</li> <li>3)MEIDHOF Helmuth</li> </ul>
		3)MEIDHOF Helmuth
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The invention relates to a cutting apparatus for a granulator for cutting granules from plastics-material strands emerging from nozzles (8), having a knife rotor (6) which is connected to a drive shaft (1) via an articulation component having a drive part and via a driven part carrying the knife rotor. The drive part (2) is inserted into a spherical head (3) in a matching spherical cap (5) in the drive part (15) and the « spherical head (3) is passed through by at least one direction axle, about which the spherical head (3) is rotatable in the spherical cap (5) in the case of an axial offset of the drive part and the driven part (15). In this case, ends (8,9) of the directional axle that emerge from the spherical head (3) are each mounted -in a groove (13,14) which extends in the spherical cap (5) and extends transversely to the direction of rotation of the driven spherical cap (5) substantially in the direction of the drive part (2) such » that, in the case of an offset of the drive part (2) with respect to the driven part (15), the ends (8,9) move in the grooves (13,14) in the driven part (15).

No. of Pages : 13 No. of Claims : 2

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PREPARING SMALL CRYSTAL SSZ 32

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/US2011/057225 :21/10/2011 :WO 2012/061037 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>CHEVRON U.S.A. INC.</li> <li>Address of Applicant :6001 Bollinger Canyon Road San</li> </ol> </li> <li>Ramon California 94583 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>ZONES Stacey I.</li> <li>LEE Bowman</li> <li>YUEN Lun Teh</li> <li>DAVIS Tracy M.</li> <li>ZIEMER James N.</li> <li>OJO Adeola</li> </ol> </li> </ul>
Number	:NA :NA	

(57) Abstract :

The invention is directed to a method for making small crystal zeolites such as small crystal SSZ 32 in the absence of an amine component.

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

(19) INDIA

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

### (43) Publication Date : 14/11/2014

(54) Title of the invention : VEHICLE SEAT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B60N2/06,B60N2/08,B60N2/50 :1017622.0 :19/10/2010 :U.K.	1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K.
(86) International Application N Filing Date	o:PCT/EP2011/067861 :13/10/2011	(72)Name of Inventor : 1)HOYLE James Brooks
(87) International Publication No		1)IIO I LE Games Diooks
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A seat for a vehicle is provided the seat comprises a support for attachment to an aspect of a vehicle and a platform block for which may be securely attached to the support. A seat element for accommodating an occupant is provided together with a suspension system connecting the seat element to the platform block. The suspension system comprises a resilient member. The resilient member has an equilibrium condition to which the resilient member is biased to return if it extends beyond retracts below or otherwise varies away from the equilibrium condition.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:F01M5/00	(71)Name of Applicant :
(31) Priority Document No	:61/393387	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:15/10/2010	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2011/068064	(72)Name of Inventor :
Filing Date	:17/10/2011	1)BAUM Jochen
(87) International Publication No	:WO 2012/049322	2)DEMTR-DER Jens
(61) Patent of Addition to Application	:NA	3)RSCHOFF Ralf
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : A MACHINE SYSTEM HAVING A LUBRICATION SYSTEM

(57) Abstract :

The present invention relates to a machine system comprising a machine having at least a first section and a second section the first section having a first velocity and the second section having a second velocity the second velocity being different from the first velocity and a lubrication system comprising at least one tank having one lubricant the lubrication system being connected to the first and second sections. Furthermore the invention relates to a wind turbine comprising the machine system.

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

(19) INDIA

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

### (43) Publication Date : 14/11/2014

(54) Title of the invention : SOLAR CELI	L MODULE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01L31/042 :2010231460 :14/10/2010 :Japan :PCT/JP2011/072658 :30/09/2011 :WO 2012/049984 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI CHEMICAL COMPANY LTD. Address of Applicant :9 2 Marunouchi 1 chome Chiyoda ku Tokyo 1006606 Japan</li> <li>(72)Name of Inventor :</li> <li>1)HAYASHI Hiroki</li> <li>2)KATOGI Shigeki</li> <li>3)SUKATA Shinichirou</li> <li>4)MOMOZAKI Aya</li> </ul>

### (57) Abstract :

Provided is a solar cell module, wherein a plurality of solar cells, and wiring members (102) for electically connecting the solar cells with each other, are connected via connection sections (105,108). A plurality of finger electrodes (103) are formed on the light receiving face of a photoelectric conversion unit (101) of a sblar cell, and the wiring member (102) is arranged so as to cross the plurality of finger electrodes (103). The connection section (105) at teh light receiving side is composed by having conductive particles, comprising a metal with a meldting point of 200°C or less, melted and flocculated in resin, and comprises: metal sections (10) that connect each of the finger electrodes (103) and the wiring member (102); and resin sections (11) that are composed of the resin, surround the metal sections (10), and adhere the photoelectric conversion unit (101) and the wiring member (102) together.

No. of Pages : 52 No. of Claims : 4

### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND SYSTEM FOR FORMING A PHARMACEUTICAL PRODUCT DIRECTLY ONTO A PACKAGING SURFACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:61/385758 :23/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)MONOSOL RX LLC Address of Applicant :30 Technology Drive Warren NJ 07059</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MYERS Garry L.</li> <li>2)BOGUE Beuford A.</li> <li>3)SLOMINSKI Greg</li> <li>4)DAVIDSON Kevin</li> <li>5)MILOSHOFF Laura</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The present invention relates to a method for forming a pharmaceutical product such as a dissolvable film dosage form onto a surface. Particularly the present invention relates to a method of forming a pharmaceutical product directly onto the surface of a substrate which may including the steps of: preparing a film forming matrix including at least one water soluble polymer; providing a substrate having at least one top surface: depositing a pre determined amount of the film forming matrix onto the top surface of the substrate to form a wet film forming product; drying the wet film forming product to form a dried film product; storing the dried film product for a pre determined length of time; and placing a sealing layer on the top surface of the substrate where the sealing layer effectively seals the dried film product between the sealing layer and the substrate.

No. of Pages : 88 No. of Claims : 47

### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : VARIABLE SPEED OIL FREE REFRIGERANT CENTRIFUGAL COMPRESSOR WITH VARIABLE GEOMETRY DIFFUSER

(51) International classification	:F04D29/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DANFOSS TURBOCOR COMPRESSORS B.V.
(32) Priority Date	:NA	Address of Applicant :Koningslaan 17 1075 AA Amsterdam
(33) Name of priority country	:NA	Netherlands
(86) International Application No	:PCT/US2010/061754	(72)Name of Inventor :
Filing Date	:22/12/2010	1)SUN Lin
(87) International Publication No	:WO 2012/087306	2)BRASZ Joost
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

### (57) Abstract :

A refrigerant compressor includes a housing providing a refrigerant outlet having a throat. An electric motor is provided in the housing to directly drive an impeller via a shaft about an axis in response to a variable speed command. The impeller includes an outlet end aligned with variable geometry diffuser. A magnetic bearing assembly rotationally supports the shaft relative to the housing in response to a magnetic bearing command. A member is arranged to adjust the throat area and which can move in a direction generally parallel to the axis in response to an actuator receiving a compressor regulation command. A controller is configured to respectively provide the variable speed command the magnetic bearing command and the compressor regulation command to the electric motor to vary throat area the magnetic bearing assembly and the actuator to obtain a desired compressor operation without the need of variable inlet geometry.

No. of Pages : 17 No. of Claims : 15

### (19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : DATA TRANSMISSION METHOD AND CONTROL SYSTEM

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/JP2011/073428 :12/10/2011 :WO 2012/053403 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMADA Takahiro</li> <li>2)MARUYAMA Yoshio</li> <li>3)AKATSU Tohru</li> </ul>
Filing Date	:NA	

(57) Abstract :

Provided are a data transmission method and a control system with which it is possible to create control programs for control devices even if the format of transmission data is not determined and also with which it is not necessary to alter the control programs even if the format of the transmission data is altered. The data transmission method comprises: a step in which data items transmitted among a plurality of control devices (2) are associated with identification keys; a step in which a sequence for the identification keys associated with the data items transmitted by the control devices (2) is determined; a step in which each control device (2) stores in accordance with said sequence transmission data within a transmission frame generated by that control device (2); and a step in which the control devices (2) read in the transmission data from the transmission frames in accordance with the sequence (8) acquired from the control devices (2) which are the transmission sources of the reception data.

No. of Pages : 44 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GRID COMPUTING SYSTEM ALONGSIDE A DISTRIBUTED DATABASE ARCHITECTURE (51) International classification :G06F17/30 (71)Name of Applicant : (31) Priority Document No :12/946079 1)SAS INSTITUTE INC. Address of Applicant :Sas Campus Drive Cary NC 27513 (32) Priority Date :15/11/2010 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/059700 (72)Name of Inventor : Filing Date :08/11/2011 1)SCHABENBERGER Oliver (87) International Publication No :WO 2012/067890 2)KRUEGER Steve (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

Systems and methods are provided for a grid computing system that performs analytical calculations on data stored in a distributed database system. A grid enabled software component at a control node is configured to invoke database management software (DBMS) at the control node to cause the DBMS at a plurality of the worker nodes to make available data to the grid enabled software component local to its node; instruct the grid enabled software components at the plurality of worker nodes to perform an analytical calculation on the received data and to send the results of the data analysis to the grid enabled software component at the control node; and assemble the results of the data analysis performed by the grid enabled software components at the plurality of worker nodes.

No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SYSTEM METHOD AND APPARATUS FOR AC GRID CONNECTION OF SERIES CONNECTED INVERTERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/393987 :18/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ADVANCED ENERGY INDUSTRIES INC. Address of Applicant :1625 Sharp Point Drive Fort Collins CO 80525 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SEYMOUR Eric</li> <li>2)ARMSTRONG Mike</li> <li>3)GILMORE Jack Arthur</li> </ul>
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(57) Abstract :

A system method and apparatus are disclosed for converting DC power to AC power. The system includes a master controller that couples to a phase of a power distribution system and provides a synchronization signal the phase of the power distribution system having a phase voltage. The system also includes a plurality of DC to AC series connectable power converters that receive and use the synchronization signal to convert a variable DC voltage from a corresponding one a plurality of photovoltaic panels to a variable AC voltage so that a plurality of corresponding variable AC voltages are generated by the plurality series connectable power converters controls responding variable AC voltages add up the phase voltage and each of the series connectable power converters controls responsive to the synchronization signal the variable AC voltage so that the plurality of corresponding variable AC voltages and up the phase voltage and each of the series connectable power converters controls responsive to the synchronization signal the variable AC voltage so that the plurality of corresponding variable AC voltages are in phase.

No. of Pages : 55 No. of Claims : 25

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HERBICIDAL COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition t</li> </ul>	:C07D241/12,C07D241/42,C07D491/04 :1019229.2 :12/11/2010 :U.K. :PCT/EP2011/068037 :14/10/2011 :WO 2012/062531 <sup>o</sup> :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNGENTA LIMITED Address of Applicant :European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K.</li> <li>2)SYNGENTA PARTICIPATIONS AG</li> <li>(72)Name of Inventor :</li> <li>1)AVERY Alaric</li> <li>2)DE MESMAEKER Alain</li> <li>3)MULHOLLAND Nicholas</li> <li>4)WILLETTS Nigel</li> <li>5)WORTHINGTON Paul</li> </ul>
	<sup>o</sup> :NA :NA :NA :NA	

(57) Abstract :

The present invention provides a compound of formula (I) wherein R is of sub formula (a) or (b) and wherein the other substituents are as defined in the specification. The compounds of formula (I) are potentially useful as herbicides.

No. of Pages : 56 No. of Claims : 16

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD OF SINTERING A COMPOSITION (51) International classification :A23C11/00,A23F5/38,A23F5/40 (71)Name of Applicant : (31) Priority Document No :10188053.2 1)NESTEC S.A. (32) Priority Date Address of Applicant : Avenue Nestl 55 CH 1800 Vevey :19/10/2010 (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2011/068218 No **1)MEUNIER Vincent Daniel Maurice** :19/10/2011 Filing Date 2)HARTMANN Markus Hubert (87) International Publication **3)DOPFER Daniel Johannes** :WO 2012/052457 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention relates to a method of sintering at least two powdered compounds with different water activities and glass transition temperatures keeping the total water content constant. The method allows sintering of two materials in a closed environment wherein the structure of one material is kept intact.

No. of Pages : 19 No. of Claims : 10

(22) Date of filing of Application :18/04/2013

## (43) Publication Date : 14/11/2014

(34) The of the invention . TADRICATE		
(51) International classification	:A23L1/325	(71)Name of Applicant :
(31) Priority Document No	:61/455819	1)NESTEC S.A.
(32) Priority Date	:27/10/2010	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2011/001797	(72)Name of Inventor :
Filing Date	:21/10/2011	1)JOHNSON Bradley
(87) International Publication No	:WO 2012/057826	2)LECOUTEUX Claude
(61) Patent of Addition to Application	:NA	3)ROUSSEL Laurence
Number	:NA :NA	4)SAYLOCK Michael John
Filing Date	INA	5)SHI Zulin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : FABRICATED FISH CHUNKS

(57) Abstract :

The invention provides fabricated fish chunks having the appearance and texture of real fish comprising from about 75 to about 95% of one or more functional proteins and from about 5 to about 25% other comestible ingredients wherein the functional proteins comprise from about 40 to about 95% surimi and from about 0 to about 55% of one or more non surimi functional proteins. The fabricated fish chunks have a soft smooth laminar appearance and flaky texture similar to real fish.

No. of Pages : 29 No. of Claims : 57

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : EMBOSSED ABSORBENT ARTICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61F13/511,A61F13/514,A61F13/533 :12/913951 :28/10/2010 :U.S.A. :PCT/US2011/056979 :20/10/2011 :WO 2012/058080 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)WILSON Gregory J.</li> <li>2)DENG Rong</li> <li>3)WAAS Steve</li> </ul>
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(57) Abstract :

An embossed article having one or more adhesive patterns serving to operatively attach a release paper. A method for attaching a release paper to a backsheet having depressed regions.

No. of Pages : 54 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR EMBOSSING AN ABSORBENT ARTICLE USING A SEGMENTED ANVIL

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61F13/511,A61F13/514,A61F13/53 :12/913936 :28/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> </ul>
(33) Name of priority country	:U.S.A.	<ul><li>(72)Name of Inventor :</li><li>1)WAAS Steve J.</li></ul>
(86) International Application No Filing Date	:PCT/US2011/058097 :27/10/2011	2)WILSON Gregory J. 3)DENG Rong 4)HENDERSON Valerie J.
(87) International Publication No	:WO 2012/058432	
(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 embossing an absorbent article using a segmented anvil and attaching a release paper to a backsheet having depressed regions.

No. of Pages : 54 No. of Claims : 11

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MATRIX METALLOPROTEINASE INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:C07C309/60,C07C321/28,C07C333/08 :2278/DEL/2010 :24/09/2010 :India :PCT/IB2011/054228 :26/09/2011 :WO 2012/038943 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RANBAXY LABORATORIES LIMITED <ul> <li>Address of Applicant :Head Office: 12th Floor Devika Tower</li> </ul> </li> <li>(6 Nehru Place New Delhi Delhi 110019 Delhi India</li> <li>(72)Name of Inventor : <ul> <li>1)KHERA Manoj Kumar</li> <li>2)SATTIGERI Jitendra</li> <li>3)YADAV Neeraj Kumar</li> <li>4)RAUF Abdul Rehman Abdul</li> <li>5)CLIFFE Ian A.</li> <li>6)BHATNAGAR Pradip Kumar</li> <li>7)RAY Abhijit</li> <li>8)SRIVASTAVA Punit</li> <li>9)DASTIDAR Sunanda Ghosh</li> </ul> </li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	9)DASTIDAK Sullanda Gilosli
11	:NA	

#### (57) Abstract :

The present invention relates to certain sulfone acetic acid derivatives of formula I as MMP inhibitor and processes for its syntheses. The invention also relates to pharmacological compositions containing the compounds of the present invention and methods of treating asthma rheumatoid arthritis COPD rhinitis osteoarthritis psoriatic arthritis psoriasis pulmonary fibrosis pulmonary inflammation acute respiratory distress syndrome perodontitis multiple scleorisis gingivitis atherosclerosis dry eye neointimal proliferation which leads to restenosis and ischemic heart failure stroke renal disease tumor metastasis and other inflammatory disorders characterized by over expression and over activation of a matrix metalloproteinase using the compounds.

No. of Pages : 101 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LOCAL CONTROL NETWORK PROCESSOR (LCNP) EMULATOR FOR MULTI GENERATION CONTROL SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G05B19/418 :12/944082 :11/11/2010 :U.S.A. :PCT/US2011/059879 :09/11/2011 :WO 2012/078293 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101</li> <li>Columbia Road P.O. Box 2245 Morristown NJ 07962 2245</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DE Rahul</li> <li>2)SUNIT Anand</li> <li>3)BASHA Nagore Hanifa Sikkandar</li> <li>4)RENGANATHAN Sakthivel</li> <li>5)SUBRAMANYAM Sarayu</li> <li>6)PARASHARAMI Neha</li> <li>7)GUPTA Ravi</li> <li>8)ROBY Steven</li> <li>9)GOLENKO Piotr</li> <li>10)RAJAN Avinash</li> <li>11)INGLE Vilas</li> </ul>
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#### (57) Abstract :

A multi generation distributed control system (100) includes a first generation (FG) DCS (110) connected to a local control network (LCN) (120) including FG client nodes (111 114). A second generation (SG) DCS (130) connected to a non LCN data highway (140) includes a server node (131) connected between the LCN and the non LCN data highway and SG client nodes (132 135). The server node includes a LCN processor (LCNP) board (146). LCNP emulator software including a server LCNP emulator software component (147) is at the server node and a client LCNP emulator software component (144) at the SG client nodes. The server LCNP emulator software component translates between LCN data and data highway protocol data and adds one of a plurality of LCN address slots (132 135 ) to communications received from the LCN for delivery to the SG DCS that each correspond to a SG client node. Each client LCNP emulator software component provides one of the LCN address slots at its SG client node.

No. of Pages : 22 No. of Claims : 11

(21) Application No.3118/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : LIGHTWEIGHT CARPET PRODUCTS AND METHOD OF MANUFACTURE THEREOFN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	:61/389099 :01/10/2010 :U.S.A. :PCT/US2011/054569 :03/10/2011 :WO 2012/045068 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BEAULIEU GROUP LLC Address of Applicant :1502 Coronet Drive Dalton GA 30722</li> <li>1248 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SALSMAN Robert Keith</li> </ul>
Filing Date	:NA	

(57) Abstract :

A lightweight carpet product includes a greige carpet having a primary backing and tufted fibers a secondary backing including a nonwoven textile of synthetic fibers and a thermoplastic adhesive composition adhered to the greige carpet and the secondary backing. The thermoplastic adhesive composition includes a modified polyethylene terephthalate (PET) having a crystallinity less than unmodified PET and a melting point from about 90 °C to about 150 °C and a particulate filler. Methods of manufacture include using a thermoplastic adhesive composition to adhere a greige carpet to a secondary backing to form a lightweight carpet product.

No. of Pages : 17 No. of Claims : 30

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### :F02N11/08 (71)Name of Applicant : (51) International classification 1)SCANIA CV AB (31) Priority Document No :10511400 Address of Applicant :S 151 87 Sdertlje Sweden (32) Priority Date :01/11/2010 (33) Name of priority country (72)Name of Inventor : :Sweden **1)LEDFELT Gunnar** (86) International Application No :PCT/SE2011/051243 Filing Date :18/10/2011 (87) International Publication No :WO 2012/060766 (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 : ACTIVATION DEVICE AND ACTIVATION METHOD FOR A DUAL BATTERY SYSTEM

#### (57) Abstract :

The invention relates to an activation device with a circuit breaker unit for a dual battery system which system comprises a power battery system connected to an electrical system comprising a starter motor and an ignition lock circuit for a vehicle and a starter battery system adapted to being connected in parallel with said power battery system via said circuit breaker unit which circuit breaker unit is switchable between an open state and a closed state in which latter state said starter battery system is adapted to supplying said electrical system with energy. The activation device comprises a control unit adapted to switching said circuit breaker unit between said open and closed states a signal unit adapted to generating a voltage signal y and conveying a voltage signal y via an ignition lock connection to said ignition lock circuit a monitoring unit adapted to monitoring a voltage signal y from said ignition lock connection and generating a monitoring signal on the basis of said voltage signal y monitored and a processor unit adapted to comparing the monitoring signal with at least one predetermined detection criterion and generating on the basis of said control signal which is conveyed to said control unit which is adapted to switching said circuit breaker unit on the basis of said control signal. The invention comprises also a method for activating a circuit breaker unit in a dual battery system.

No. of Pages : 20 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : COMPOSITIONS AND METHODS FOR NUTRIENT DELIVERY

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A23L1/29,A23L1/30,A23L1/035 :12/963762 :09/12/2010 :U.S.A. :PCT/US2011/061881 :22/11/2011	<ol> <li>MEAD JOHNSON NUTRITION COMPANY Address of Applicant :2400 W. Lloyd Expressway Evansville Indiana 47721 0001 U.S.A.</li> <li>Name of Inventor : 1)ALVEY John D.</li> </ol>
Filing Date (87) International Publication No	:WO 2012/078358	2)BERSETH Carol Lynn 3)SCHADE Deborah 4)MORRIS Kristin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure provides compositions and methods for delivering nutrients to subjects requiring small volume nutritional support such as preterm infants. The compositions may comprise an emulsion of docosahexaenoic acid (DHA) and arachidonic acid (ARA). The nutritional compositions are useful for example in correcting nutritional deficiencies by increasing a subject s intake of nutrients such as 3 or 6 long chain polyunsaturated acids. The nutritional compositions are suitable for enteral delivery as a nutritional supplement or for oral delivery as a human milk or infant formula fortifier.

No. of Pages : 24 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INPUT CLUTCH ASSEMBLY FOR INFINITELY VARIABLE TRANSMISSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> </ul>	:F16H15/38,F16H37/08,F16H61/664 :61/413530 :15/11/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)ALLISON TRANSMISSION INC. Address of Applicant :4700 West 10th Street Indianapolis IN 46222 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
country (86) International Application No	:U.S.A. :PCT/US2011/050945 :09/09/2011	1)HAWKINS Jr. Glen S. 2)SCHOOLCRAFT Brian 3)RASZKOWSKI James A.
Filing Date (87) International Publication No (61) Patent of Addition to	:WO 2012/067703	4)EARHART David E. 5)REICHANADTER Gary
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides an infinitely variable transmission for a powered vehicle which includes a power source. The transmission includes an input shaft and an output shaft the output shaft being spaced from the input shaft. The transmission further includes a variator coupled between the input shaft and output shaft. In addition at least two planetary gearsets are disposed adjacent to the variator and an input coupler is configured to selectively couple the variator to the power source.

No. of Pages : 49 No. of Claims : 49

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MODULAR CONNECTOR FOR CABLES OR PIPES AND SYSTEM COMPRISING SUCH MODULAR CONNECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H02G3/22 :10509719 :17/09/2010 :Sweden :PCT/EP2011/065803 :13/09/2011 :WO 2012/034988 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Roxtec AB Address of Applicant :Box 540 SE 371 23 Karlskrona Sweden</li> <li>(72)Name of Inventor :</li> <li>1)MILLEVIK Bo</li> </ul>
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#### (57) Abstract :

A modular connector for cables and pipes has a compressible body (208) with an axial groove provided therein for arrangement of a shielded cable extending from a first end to a second end and the groove is dimensioned or dimensionable to sealingly fit around a circumference of the shielded or armored cable or the pipe. The connector (200) further comprises a conductor arrangement arranged between the first end and die second end the conductor arrangement may be sandwiched between the compressible body (208) and a cable screen or armor of the cable or the pipe. The the conductor arrangement (210) further extends to an outside of the modular connector (200).

No. of Pages : 27 No. of Claims : 23

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : PESTICIDAL COMBINATIONS COMPRISING NEONICOTINOID INSECTICIDE AND HERBICIDE SAFENER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A01N51/00,A01N25/52,A01N25/00 :10189664.5 :02/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)GRIMM Christoph</li> <li>2)REBER Beat</li> <li>3)SCHADE Michael</li> </ul>
Filing Date	:19/10/2011	4)ZOSCHKE Andreas
(87) International Publication No	:WO 2012/059328	
(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 the use in agriculture of a composition comprising a neonicotinoid insecticide and a metabolic herbicide safener. The composition is of particular use in the treatment of plant propagation material, more specifically seeds and improves the growing characteristics of a plant. The invention encompasses the compositions per se, as well as methods of their use for the control and/or prevention of unwanted plant damage caused by herbicides, especially in the agricultural field.

No. of Pages : 29 No. of Claims : 14

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : FLOATED SC	OLIDS SEPARATION	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:B01D35/05 :61/386992 :27/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)WORLD WATER WORKS INC.</li> <li>Address of Applicant :4061 Nw 3rd St. Oklahoma City OK</li> <li>73107 U.S.A.</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Division Application Number</li> </ul>	:27/09/2011 :WO 2012/047680 :NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)BOOTH Kyle</li> <li>2)COSBY Mike</li> <li>3)FOSSHAGE Mark</li> <li>4)POE Scott</li> <li>5)SCHLEGEL Dave</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for removing solids separated from wastewater or algae from algal solution using an improved dissolved air flotation system that incorporates a slowly rotating cylindrical sieve at the end of an upward sloping beach to drain free water from the float which has been pushed up the beach and onto the rotating sieve and a doctor blade that removes the thickened float from the rotating sieve is disclosed.

No. of Pages : 28 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

:F24J2/46	(71)Name of Applicant :
:AN2010A000206	1)ARISTON THERMO S.P.A.
:30/11/2010	Address of Applicant :45 Viale Aristide Merloni I 60044
:Italy	Fabriano (Ancona) Italy
:PCT/IB2011/002810	(72)Name of Inventor :
:23/11/2011	1)TABOCCHINI Gilberto
:WO 2012/073088	
٠NA	
.INA	
:NA	
:NA	
	:AN2010A000206 :30/11/2010 :Italy :PCT/IB2011/002810 :23/11/2011 :WO 2012/073088 :NA :NA :NA

#### (54) Title of the invention : ANGULAR JOINT FOR SOLAR COLLECTOR

(57) Abstract :

The object of the present invention is an angular joint for forming the pan of said solar collector. Said angular joint (1) mainly acts as joining element for the sides (21 22 23) of said pan (2) imparting the structural stiffness to the latter required for the purposes thereof. Said angular joint (1) further provides support to at least the absorber and the glazed cover of the solar collector ensures the seal against water infiltrations (and the optional drainage thereof) and provides improved means for handling and properly installing and protecting the same solar collector.

No. of Pages : 30 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION	

#### (19) INDIA

(22) Date of filing of Application :23/04/2013

(54) Title of the invention : ROLLER

#### (43) Publication Date : 14/11/2014

G
linghausen 75 42929
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(57) Abstract :

The invention relates to a roller (1) having a wheel (2), which is accommodated in a housing, and a locking device (10, 17), the locking device (10, 17) being actuated by foot actuation of an actuating element (5) which is arranged so that it extends radially outwardly with respect to a vertical (V) that passes through a securing portion of the roller (1). To provide a roller which is advantageously formed with regard to locking by foot operation, it is proposed that an actuating portion of the actuating element (5) extends circumferentially at least far enough that a second foot actuation in the circumferential direction with respect to the vertical (V) may be carried out next to an area of the actuating portion by way of which a first foot actuation has been carried out.

No. of Pages : 33 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ABSORBENT ARTICLE WITH LOTION

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	<sup>1</sup> :PCT/US2011/054912 :05/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati</li> <li>Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PAN Robert Ya lin</li> <li>2)EBERT Debora Christine</li> <li>3)ELLINGSON Peter Christopher</li> <li>4)WARREN Raphael</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An absorbent article such as a catamenial device having a liquid previous topsheet a backsheet joined to the topsheet and an absorbent core disposed between the topsheet and the backsheet is disclosed. The absorbent article has a lotion composition applied to at least a portion of the outer surface of the topsheet the lotion composition including a rheology structurant selected from the group consisting of microcrystalline wax alkyl dimethicone ethylene glycol dibehenate ethylene glycol distearate glycerol tribehenate glycerol t

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

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FUNGICIDAL PENFLUFEN MIXTURES

<ul> <li>(51) International</li> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul> </li> </ul>	:A01N43/56,A01N47/12,A01N43/80 :10188713.1 :25/10/2010 :EPO :PCT/EP2011/067165 :30/09/2011 :WO 2012/055674 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany</li> <li>(72)Name of Inventor :</li> <li>1)KOOP Bernd</li> <li>2)KUGLER Martin</li> <li>3)JAETSCH Thomas</li> <li>4)KAULEN Johannes</li> <li>5)GERHARZ Tanja</li> </ul>
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(57) Abstract :

The invention relates to mixtures comprising penflufen, to the use of these mixtures for protecting industrial materials and to a method for treating industrial materials with the penflufen mixtures.

No. of Pages : 38 No. of Claims : 15

(21) Application No.3582/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:C09K5/04,C09K5/00 :61/413000 :12/11/2010 :U.S.A. :PCT/US2011/060308 :11/11/2011	<ul> <li>(71)Name of Applicant :</li> <li>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.</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/065026 :NA :NA :NA :NA	1)YANA MOTTA Samuel F. 2)SPATZ Mark W. 3)HULSE Ryan

#### (54) Title of the invention : LOW GWP HEAT TRANSFER COMPOSITIONS

(57) Abstract :

Heat transfer compositions and methods wherein the compositions have a burning velocity (BV) of less than about 10 and a global warming potential (GWP) of less than about 400 comprising: (a) from about 0 to about 50% by weight of HFC 32; (b) from about 50% to about 90% by weight of a compound selected from unsaturated CF3 terminated propenes unsaturated CF3 terminated butenes and combinations of these; and (c) from about 0 to about 25% by weight of a compound selected from HFO 1243zf HFC 152a and combinations of these provided that the combination of components (a) and (c) together comprise at least about 10% by weight of the composition and further provided that the amount of each of the components (a) (b) and (c) is selected to ensure that the BV of the composition is less than about 10 and the GWP of the composition is less than about 400.

No. of Pages : 31 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELECTROMAGNETIC STEEL SHEET AND PROCESS FOR PRODUCTION THEREOF

	n:C23C22/00,B05D7/14,B32B15/08	
(31) Priority Document No	:2010244030	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:29/10/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No Filing Date	:PCT/JP2011/074590 :25/10/2011	Tokyo 1008071 Japan (72)Name of Inventor : 1)TAKEDA Kazutoshi
(87) International Publication No	:WO 2012/057168	2)KOSUGE Kenji 3)TAKASE Tatsuya
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)MUNEDA Koji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An insulating coating film obtained by mixing 0.5 parts by mass to 10 parts by mass of a copolymer of a fluoroolefin and an ethylenically unsaturated compound when converted into a solid content with 100 parts by mass in solid content of a mixture composed of a metal phosphate and a specific organic resin or a mixture composed of colloidal silica and a specific organic resin is designed to be provided on a surface of an electrical steel sheet, and in this manner, it is possible to obtain an electrical steel sheet having good corrosion resistance under a wet environment and having good properties related to the insulating coating film such as a space factor and adhesiveness.

No. of Pages : 37 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:61/408037	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:29/10/2010	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/IB2011/054769	1)ALLAN David Ian
Filing Date	:25/10/2011	2)MANSFIELD Scott Andrew
(87) International Publication No	:WO 2012/056404	3)GRAY Eric
(61) Patent of Addition to Application	:NA	4)FARKAS J;nos
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
( <b>57</b> ) <b>A</b> 1 at we at a		l

#### (54) Title of the invention : LOAD BALANCING IN SHORTEST PATH BRIDGING NETWORKS

(57) Abstract :

A flow classification process is used at the edge of the shortest path bridging network to determine a flow label (320) for attachment to a client frame (330) entering the network. Any of several flow labels (320) can be assigned to a client frame (330) traversing the network to a particular egress node and the flow labels are used by forwarding nodes to select among multiple equal cost paths. In several embodiments the flow label is calculated as a function of the client frame contents which provide an entropy source for randomizing the selection of the flow label. This entropy source comprises the Internet Protocol (IP) header in the client frame in some embodiments but may comprise other client frame content in other cases.

No. of Pages : 34 No. of Claims : 24

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DENTIFRICE COMPOSITION WITH REDUCED ASTRINGENCY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> </ul>	:A61Q11/00,A61K8/27,A61K8/34 :NA :NA :NA :PCT/US2010/055389	<ul> <li>(71)Name of Applicant :</li> <li>1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York NY 10022 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
No Filing Date (87) International Publication No	:04/11/2010 :WO 2012/060837	1)CAMPBELL Thomas S. 2)FISHER Steven W. 3)PRENCIPE Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A dentifrice composition containing in combination an orally acceptable vehicle; a halogenated diphenyl ether; a soluble zinc salt; and a chelating agent to reduce astringency.

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

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M37/00,F02M59/20,F02M59/34 :10 2010 043 439.6 :05/11/2010 :Germany :PCT/EP2011/066401 :21/09/2011 :WO 2012/059267 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)KOEHLER Achim</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to fuel injection system of an internal combustion engine comprising a tank (2) which is connected via a booster pump (1) to a pump interior (3) of a high pressure pump (5) the pump interior (3) being connected via a dosing unit (10) to a pump working space (9) and furthermore the pump interior (3) being hydraulically connected to a return flow line (7) via an overflow valve (16) which comprises a valve housing (17) a valve plunger (18) and a valve spring (19) which is arranged in a spring space (15) characterized in that the spring space (15) is connected via a throttle circuit to the hydraulic space connected to the dosing unit (10). According to the invention a fuel injection system is provided in which the filling pressure of a pump working space (9) can be adjusted depending on the delivery quantity. This is achieved in that the spring space (15) is connected to the dosing unit (10).

No. of Pages : 9 No. of Claims : 10

(22) Date of filing of Application :23/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : VARIABLE I	NJECTOR HOLDER	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M65/00 :10 2010 043 305.5 :03/11/2010 :Germany	(71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)KORDASS Sven 2)HOSS Reinhard

(57) Abstract :

The invention relates to an injector test stand (10) for fuel injectors (28). The injector test stand (10) comprises a receptacle (24) for fixing a fuel injector (28), and an injection chamber (14) which can be positioned relative to the fuel injector (28). Received in the receptacle (24) is a variable injector holder (26) which comprises a rotatable insert (36) with at least one adjustable clamping jaw (40, 42).

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

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LOW PRESSURE CIRCUIT FOR A FUEL INJECTION SYSTEM AND FUEL INJECTION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M63/00,F02M37/08,F02M59/06 :10 2010 043 923.1 :15/11/2010 :Germany :PCT/EP2011/069428 :04/11/2011 :WO 2012/065863 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany</li> <li>(72)Name of Inventor :</li> <li>1)KIEFERLE Stefan</li> <li>2)VEIT Guenter</li> <li>3)FAUTER Gerald</li> <li>4)MEYER SALFELD Steffen</li> </ul>
Application Number		

#### (57) Abstract :

The invention relates to a low-pressure circuit for a fuel injection system, in particular a common-rail injection system, comprising a fuel tank (1) and a prefeed pump (2) by means of which fuel can be drawn out of the fuel tank (1) and can be fed to a highpressure pump (4) via a fuel line (3). According to the invention, the volume and pressure are controlled by a metering unit (5) disposed outside of the high-pressure pump (4) and/or by the prefeed pump (2) designed at least in said case as a regulated electric fuel pump (2), wherein the lubrication and/or cooling of the high-pressure pump (4) is ensured by means of a throttle (8) connected in parallel to an inlet (6) of a pump element (7) of the high-pressure pump (4). The invention further relates to a fuel injection system p having such a low-pressure circuit.

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

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR OPERATING A MAGNETIC SWITCHING ELEMENT

(51) International classification (31) Priority Document No	:F02D41/20,F02D41/24,H01F7/18 :10 2010 043 306.3	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date	:03/11/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No Filing Date	:PCT/EP2011/067784 :12/10/2011	<ul><li>(72)Name of Inventor :</li><li>1)RODRIGUEZ AMAYA Nestor</li><li>2)RUTHARDT Siegfried</li></ul>
(87) International Publication No	:WO 2012/059305	3)RAPP Holger 4)STOECKLEIN Wolfgang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)BERGHAENEL Bernd 6)BEIER Marco
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

The invention relates to a method for operating a magnetic switching element (16), wherein at least one connection of at least one sensor device (70) is switched to at least one connection (HS, LS) of a coil (30) of the magnetic switching element (16), and wherein at least one measurement state is produced, in which at least one connection (HS, LS) of the coil (30) is substantially decoupled at least for a time from a ground (88) and/or a voltage source (80, 86) and/or a current source actuating the coil (30), and wherein at least one auxiliary voltage (94, 104) and/or at least one auxiliary current is present at at least one connection (HS, LS) of the coil (30) in the measurement state, and at least one sensor signal is derived from at least one electrical potential (92, 102) and/or | at least one potential difference at the connections of the coil (30) and/or at least one current flowing through the connections of the coil (30).

No. of Pages : 27 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12/24	(71)Name of Applicant :
(31) Priority Document No	:61/408116	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:29/10/2010	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/EP2010/067715	1)FEDOR Szymon
Filing Date	:17/11/2010	2)HANDURUKANDE Sidath
(87) International Publication No	:WO 2012/055449	
(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 : SERVICE PERFORMANCE IN COMMUNICATIONS NETWORK

(57) Abstract :

A method for monitoring performance of a service delivered to user equipment devices via a communications network as perceived by a user comprising the steps of collecting Resource Service Key Performance Indicators from network resources and collecting System Service Key Performance Indicators from a representative sample of reporting user equipment devices using the service. In the next step relationship between the collected values of R KPIs and S KPIs is determined and then userr equipment from the representative sample is clustered. In the following step non reporting user equipment devices are assigned to the clusters and then the method comprises collecting R KPIs from network resources to estimate S KPI values based on the R KPIs collected after determination of the relationship and the relationship.

No. of Pages : 34 No. of Claims : 15

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : SOLAR CEL	L MODULE	
<ul> <li>(54) The of the Invention : SOLAR CEL</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01L31/042 :2010219308 :29/09/2010 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI CHEMICAL COMPANY LTD. Address of Applicant :9 2 Marunouchi 1 chome Chiyoda ku Tokyo 1006606 Japan</li> <li>(72)Name of Inventor :</li> <li>1)HAYASHI Hiroki</li> <li>2)KATOGI Shigeki</li> <li>3)NATORI Michiko</li> <li>4)SUKATA Shinichirou</li> <li>5)MOMOZAKI Aya</li> </ul>

(57) Abstract :

The objective of the present invention is to provide a solar cell module having excellent reliability wherein a decrease in yield upon manufacturing the solar cell module can be prevented and the characteristics of the solar cell module can be maintained sufficiently even after a temperature cycle test. Provided is a solar cell module that has a connection structure wherein a plurality of solar cell modules having electrodes at both faces thereof are electrically connected with each other via wiring members and that is characterized in that the connection structure comprises: metal sections that connect the electrodes and the wiring members and that are made by melting a metal having a melting point of 200°C or lower; and resin sections that adhere the electrodes and the wiring members.

No. of Pages : 50 No. of Claims : 4

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : ANTI CD38 ANTIBODY AND LENALIDOMIDE OR BORTEZOMIB FOR THE TREATMENT OF MULTIPLE MYELOMA AND NHL

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> <li>(57) Abstract :</li> </ul>	:A61K39/395,C07K16/28,C07K16/30 :10180485.4 :27/09/2010 :EPO :PCT/EP2011/066648 :26/09/2011 :WO 2012/041800 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MORPHOSYS AG</li> <li>Address of Applicant :Lena Christ Strasse 48 82152</li> </ol> </li> <li>Martinsried/Planegg Germany</li> <li>(72)Name of Inventor : <ol> <li>ROJKJAER Lisa</li> <li>BOXHAMMER Rainer</li> <li>ENDELL Jan</li> <li>WINDERLICH Mark</li> </ol> </li> <li>SAMUELSSON Christofer</li> </ul>
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(57) Abstract :

The present disclosure describes a pharmaceutical combination of an anti CD38 antibody and lenalidomide and a pharmaceutical combination of an anti CD38 antibody and bortezomib.

No. of Pages : 84 No. of Claims : 16

(21) Application No.3601/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SHIFTER ASSEMBLY WITH DECOUPLING MECHANISM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:61/408105 :29/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)DURA GLOBAL TECHNOLOGIES LLC Address of Applicant :2791 Research Drive Rochester Hills</li> <li>MI 48309 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GILL Jeremy</li> <li>2)HER Sai</li> <li>3)WATERMAN Timothy J.</li> </ul>
(87) International Publication No	:WO 2012/058672	S)WATERWAN Initialy J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A shifter assembly that includes a base and a shift lever pivotal relative to the base along a straight shift path. A cable mount is linked to the shift lever and a cable is attached to the cable mount. A clutch is linked with the shift lever and cable mount. The clutch selectively transmits motion of the shift lever to the cable mount for a first travel position and decouples the cable mount from the shift lever at a second travel position.

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

#### (19) INDIA

(22) Date of filing of Application :23/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : DUAL OUTLET PUMP

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(40) (10) (10) (10) (10) (10) (10) (10) (1</li></ul>	51/389776 55/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)MAGNA POWERTRAIN INC. Address of Applicant :50 Casmir Court Concord Ontario L4K</li> <li>4J5 Canada</li> <li>(72)Name of Inventor :</li> <li>1)LUTOSLAWSKI Jaroslaw</li> <li>2)WILLIAMSON Matthew</li> <li>3)KOWALSKI Andrzej</li> </ul>
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(57) Abstract :

A dual outlet pressure pump includes a housing having first and second inlets as well as first and second outlets. A plurality of vanes are driven by a rotor. An asymmetric rotor cavity includes a first surface engaged by the vanes shaped to at least partially define a plurality of low pressure high volume chambers. The cavity also includes a second surface engaged by the vanes shaped to at least partially define a plurality of high pressure low volume chambers. Rotation of the rotor and vanes substantially simultaneously pumps a high volume of low pressure fluid between the first inlet and the first outlet and a low volume of high pressure fluid between the second inlet and the second outlet.

No. of Pages : 26 No. of Claims : 16

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(51) International classification	:C07D265/18	(71)Name of Applicant :
(31) Priority Document No	:10013631.6	1)LONZA LTD
(32) Priority Date	:14/10/2010	Address of Applicant :Lonzastrasse CH 3930 Visp
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/005161	(72)Name of Inventor :
Filing Date	:14/10/2011	1)BRENNER Meinrad
(87) International Publication No	:WO 2012/048884	2)CARREIRA Erick M.
(61) Patent of Addition to Application	:NA	3)CHINKOV Nicka
Number	:NA	4)LORENZI Miriam
Filing Date	.11A	5)WARM Aleksander
(62) Divisional to Application Number	:NA	6)ZIMMERMANN Lothar
Filing Date	:NA	
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#### (54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CYCLIC CARBAMATES

(57) Abstract :

The invention is directed to a process for the preparation of a cyclic carbamate starting with a chiral propargylic alcohol and/or a suitable salt thereof which is reacted with a cyclisation agent selected from phosgene diphosgene triphosgene and mixtures thereof and in that the reaction is carried out in the presence of an aqueous base and a water immiscible organic solvent said organic solvent mainly comprising at least one compound selected from C alkyl C carboxylates and mixtures of at least one C alkyl C carboxylate with at least one C alkane. Another aspect of the invention is directed to a process for the synthesis of said cyclic carbamate starting described above wherein also a process for the preparation of the chiral propargylic alcohol is provided.

No. of Pages : 51 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : EFFICIENT AND EFFECTIVE SUPPLEMENT SCREENING FOR THE DEVELOPMENT OF CHEMICALLY DEFINED MEDIA IN CELL CULTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01N33/50,C12N5/00 :61/410709 :05/11/2010 :U.S.A. :PCT/US2011/059263 :04/11/2011 :WO 2012/078270 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABBVIE INC. Address of Applicant :1 North Waukegan Road North Chicago IL 60064 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HOSSLER Patrick</li> <li>2)RACICOT Christopher</li> <li>3)MCDERMOTT Sean</li> <li>4)FANN John C.</li> </ul>
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#### (57) Abstract :

The present mvention relates to methods of selecting and developing a chemically defined media (CDM) for use in the manufacture of biological products. In particular the present invention is directed to screening methods to determine cell culture technique media supplement blends with enhanced performance characteristics. The present invention is also directed to identifying CDM supplement blends that demonstrate significant increases in harvest titer and/or viable cell density.

No. of Pages : 38 No. of Claims : 17

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TREATING BIOMASS TO PRODUCE MATERIALS USEFUL FOR BIOFUELS

(51) International classification	:C13K1/02,C13K1/04,C08H8/00	(71)Name of Applicant .
(31) Priority Document No	:61/410689	1)SHELL OIL COMPANY
· · ·		
(32) Priority Date	:05/11/2010	Address of Applicant :One Shell Plaza P.O. Box 2463
(33) Name of priority country	:U.S.A.	Houston Texas 77252 2463 U.S.A.
(86) International Application N	o:PCT/US2011/059140	2)SHELL INTERNATIONALE RESEARCH
Filing Date	:03/11/2011	MAATSCHAPPIJ B.V.
(87) International Publication No.	o :WO 2012/061596	(72)Name of Inventor :
(61) Patent of Addition to	:NA	1)BLACKBOURN Robert Lawrence
Application Number		2)WEIDER Paul Richard
Filing Date	:NA	
U		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.nA	

(57) Abstract :

Fermentable sugar useful for the production of biofuels can be produced from biomass by contacting the biomass with a solution containing at least one a hydroxysulfonic acid. The a hydroxysulfonic acid can be easily removed from the product and recycled.

No. of Pages : 43 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HIGH PRESSURE REGULATING VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:21/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)KENDRION (VILLINGEN) GMBH Address of Applicant :Wilhelm Binder Str. 4 6 78048</li> <li>Villingen Schwenningen Germany</li> <li>(72)Name of Inventor :</li> <li>1)BURKART Harald</li> <li>2)MAIWALD Wolfram</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to	<sup>1</sup> :WO 2012/052183	3)YU Wei 4)ZELANO Frank 5)HEINGL Ralf 6)GERHARD Stefanie
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

High-pressure regulating valve with a valve body with an inlet and an ; ! outlet, wherein the outlet is formed by at least one opening that is radially oriented in the valve body, an essentially disk-shaped valve seat, which is disposed at the valve body between inlet and outlet and has a valve bore that joins inlet and outlet, a sealing element, which is suitably disposed on an actuating element, to close the valve bore and an actuating mechanism which is suitably configured to move the actuating element so as to bring about an opening and closing of the valve, wherein the valve seat has an encircling projection extending axially in the direction of the opening from a base surface at the outlet end.

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MICROBICIDAL HETEROCYCLES

:C07D401/14,C07D413/14,C07D417/14 :10192493.4 :25/11/2010 :EPO :PCT/EP2011/071037 :25/11/2011 :WO 2012/069633 <sup>o</sup> :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SYNGENTA PARTICIPATIONS AG</li> <li>Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel</li> </ol> </li> <li>Switzerland </li> <li>(72)Name of Inventor : <ol> <li>SULZER MOSSE Sarah</li> <li>LAMBERTH Clemens</li> <li>RESPONDEK Mathias Stephan</li> <li>QUARANTA Laura</li> <li>CEDERBAUM Fredrik</li> <li>BERTHON Guillaume</li> </ol> </li> </ul>
	:10192493.4 :25/11/2010 :EPO :PCT/EP2011/071037 :25/11/2011 :WO 2012/069633 <sup>o</sup> :NA :NA :NA

(57) Abstract :

Compounds of the formula I 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 : 71 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G01M3/26	(71)Name of Applicant :
(31) Priority Document No	:2010220951	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:30/09/2010	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/072019	(72)Name of Inventor :
Filing Date	:27/09/2011	1)YAMAGUCHI Tetsuya
(87) International Publication No	:WO 2012/043535	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : LEAK INSPECTION DEVICE AND LEAK INSPECTION METHOD

(57) Abstract :

A leak inspection device for inspecting leaks from a work (W) by sealing a gas QO IS inside the work or sucking the gas therefrom includes: a depressurizing device that  $f_0$  reduces the pressure of the gas inside the work; a pressurizing device that pressurizes the gas inside the work; a temperature sensor that detects the temperature of the work; a pressure sensor that detects the pressure of the gas inside the work; and a controller. The controller calculates the saturation vapor pressure at the same temperature as the temperature of the work, controls the depressurizing device to thereby reduce the pressure of the gas inside the work to the saturation vapor pressure, sucks the water vapor that has vaporized inside the work, controls the pressurizing device to thereby seal the gas inside the work and pressurize the gas inside the work until the temperature (To) of the work detected by the temperature sensor reaches a predetermined temperature (TI).

No. of Pages : 21 No. of Claims : 2

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FVIII PEPTIDES FOR IMMUNE TOLERANCE INDUCTION AND IMMUNODIAGNOSTICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:27/10/2010 y:U.S.A. <sup>1</sup> :PCT/US2011/058165 :27/10/2011 <sup>1</sup> :WO 2012/058480 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAXTER INTERNATIONAL INC. Address of Applicant :One Baxter Parkway Deerfield IL</li> <li>60015 U.S.A.</li> <li>2)BAXTER HEALTHCARE S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STEINITZ Katharina Nora</li> <li>2)WILHELMINA VAN HELDEN Paula Maria</li> <li>3)REIPERT Birgit Maria</li> <li>4)SCHWARZ Hans Peter</li> <li>5)EHRLICH Hartmut</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is related to peptides that can be used to reduce the immune response against FVIII or to induce tolerance to human FVIII in patients with e.g. hemophilia A. Furthermore the peptides can be used for immunodiagnostic purposes to detect FVIII specific CD4 T cells to monitor patients with hemophilia A during replacement therapy and during immune tolerance induction therapy.

No. of Pages : 82 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HERBICIDE COMBINATION COMPRISING TRIAFAMONE AND FENOXASULFONE

(51) International classification	:A01N43/66,A01N43/80,A01P13/00	I)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No		Address of Applicant : Alfred Nobel Strasse 10 40789
(32) Priority Date	:22/10/2010	Monheim am Rhein Germany
(33) Name of priority country	y:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/068123 :17/10/2011	1)ROSINGER Christopher Hugh 2)WALDRAFF Christian 3)UENO Chieko
(87) International Publication No	<sup>1</sup> :WO 2012/052408	4)HACKER Erwin 5)SHIRAKURA Shinichi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)ARAKI Koichi 7)NAKAMURA Shin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Herbicide combination comprising a dimethoxytriazinyl-substituted difluoromethanesulfonylanilide 5. The present invention relates to a herbicide combination comprising components (A) and (B) where (A) denotes the compound described by the formula (A): H OCR, 10 and (B) denotes the compound described by the formula (B):

No. of Pages : 34 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B01J19/00,C01B33/107 :61/386853 :27/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)GTAT CORPORATION</li> <li>Address of Applicant :243 Daniel Webster Highway</li> </ul>
(33) Name of priority country	:U.S.A.	Merrimack NH 03054 U.S.A.
(86) International Application No	:PCT/US2011/053479	(72)Name of Inventor :
Filing Date	:27/09/2011	1)FAHRENBRUCK Scott
(87) International Publication No	:WO 2012/047658	2)HAZELTINE Bruce
(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 : HEATER AND RELATED METHODS THEREFOR

(57) Abstract :

The invention relates generally to heaters and methods of using the heaters. In certain embodiments a heater includes a pressure shell having a cylindrical heating cavity an annular heat shield disposed within the cylindrical heating cavity and at least one heating element disposed within an interior volume of the annular heat shield. In another embodiment a method of preparing a trichlorosilane includes introducing a reactant stream comprising silicon tetrachloride into a heater passing electrical current through a heating element to heat the reactant stream and introducing the heated reactant stream into a reactor.

No. of Pages : 19 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : CANCER IMAGING WITH THERAPY: THERANOSTICS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)VIRGINIA COMMONWEALTH UNIVERSITY Address of Applicant :800 East Leigh Street Suite 113</li> <li>Richmond VA 23298 0568 U.S.A.</li> <li>2)THE JOHNS HOPKINS UNIVERSITY</li> <li>(72)Name of Inventor :</li> <li>1)POMPER Martin Gilbert</li> <li>2)BHANG Hyo eun</li> <li>3)FISHER Paul</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Genetic constructs comprising reporter genes operably linked to cancer specific or cancer selective promoters (such as the progression elevated gene 3 (PEG 3) promoter) are provided as are methods for their use in cancer imaging cancer treatment and combined imaging and treatment protocols. Transgenic animals in which a reporter gene is linked to a cancer specific or cancer selective promoter and which may be further genetically engineered bred or selected to have a predisposition to develop cancer are also provided.

No. of Pages : 64 No. of Claims : 27

(19) INDIA

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

#### (54) Title of the invention : SEMICONDUCTIVE POLYMER COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application N Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:17/08/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)BOREALIS AG <ul> <li>Address of Applicant :Wagramer Strasse 17 19 A 1220 Vienna</li> </ul> </li> <li>Austria </li> <li>(72)Name of Inventor : <ul> <li>1)JAMIESON John</li> <li>2)SMEDBERG Annika</li> <li>3)SVANBERG Christer</li> <li>4)-STLUND Jenny Ann</li> <li>5)FAGRELL Ola</li> <li>6)NYLANDER Perry</li> <li>7)UEMATSU Takashi</li> <li>8)HJERTBERG Thomas</li> <li>9)STEFFL Thomas</li> </ul> </li> </ul>
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(57) Abstract :

The invention relates to a crosslinkable semiconductive polymer composition comprising (a) a polyolefin carbon black and a compound (b) to a cable preferably to a crosslinkable comprising the polymer composition to a production thereof and preferably to a crosslinked cable comprising the polymer composition of the invention.

No. of Pages : 59 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SUBSTITUTED 3 OXOPENTANOATES AND THEIR USES IN COATING COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:C07C69/716,C08F2/24,C08F220/28 :12/968780 :15/12/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)EASTMAN CHEMICAL COMPANY Address of Applicant :200 South Wilcox Drive Kingsport TN 37660 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MADDOX John Thorton</li> </ul>
<ul><li>(86) International</li><li>Application No</li><li>Filing Date</li></ul>	:PCT/US2011/062181 :28/11/2011	2)EAGAN Robert Lee
(87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Substituted 3 oxopentanoates are disclosed that correspond to the following formula 1: in which R is hydrogen or a methyl group; X is a straight chain branched or cyclic alkyl or alkyl ether group having from 1 to 15 carbon atoms or aromatic group having from 6 to 15 carbon atoms; and Y1 and Y2 are independently hydrogen or an alkyl having 1 to 2 carbon atoms. Also disclosed are emulsion polymers suspension polymers and solution polymers that comprise residues from the substituted 3 oxopentanoate monomers and that may also include one or more additional ethylenically unsaturated monomers. Also disclosed are coating compositions that include a latex emulsion polymer and the substituted 3 oxopentanoate monomer of formula 1 provided as a coalescent.

No. of Pages : 47 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:C10L1/18	(71)Name of Applicant :
(31) Priority Document No	:12/915732	1)KIOR INC.
(32) Priority Date	:29/10/2010	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/US2011/055355	(72)Name of Inventor :
Filing Date	:07/10/2011	1)RAMIREZ CORREDORES Maria Magdalena
(87) International Publication No	:WO 2012/057986	2)SANCHEZ IGLESIAS Vicente
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : PRODUCTION OF RENEWABLE BIO GASOLINE

(57) Abstract :

A process and system for separating bio gasoline bio diesel and bio fuel oil fractions from a bio oil and for producing a renewable gasoline including at least in part the bio gasoline fraction is provided. The process comprises separating bio oil into a bio gasoline fraction and a heavy fraction based on their boiling points. At least a portion of the bio gasoline fraction is directly blended with a petroleum derived gasoline without any prior hydrotreatment to thereby provide a renewable gasoline composition.

No. of Pages : 23 No. of Claims : 66

(21) Application No.3623/DELNP/2013 A

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPACTED HYBRID ELEVATOR ROPE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul>	:03/10/2011 o :WO 2012/059284	<ul> <li>(71)Name of Applicant :</li> <li>1)NV BEKAERT SA Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem Belgium</li> <li>(72)Name of Inventor :</li> <li>1)AMILS Xavier</li> <li>2)TRINDADE DE AVILA Lasley</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A rope (20) comprising a core element (22) surrounded by a plurality of helically twisted and compacted steel strands (24) comprising steel wires (25 26 27) having a nominal tensile strength of at least 1960 N/mm<sup>2</sup>. The core element (22) comprises natural fibres having a linear density of at least 50 g/m.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DIAPHRAGM ASSEMBLY FOR A PRESSURE SENSOR AND A PRESSURE SENSOR PROVIDED WITH SUCH ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01L7/08 :2005673 :11/11/2010 :Netherlands :PCT/NL2011/050769 :10/11/2011 :WO 2012/064190 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BADOTHERM PROCES INSTRUMENTATIE B.V. Address of Applicant :Kelvinstraat 13 NL 3316 GM Dordrecht Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)BASTIAAN Robert Paul</li> <li>2)BONTJE Nicolaas Adrianus Johannes Bernardus</li> <li>3)WOLTING Reijer</li> </ul>
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#### (57) Abstract :

Diaphragm assembly for a pressure sensor comprising a multi layered assembly of an outer diaphragm and an inner diaphragm and an intermediate layer between both diaphragms the intermediate layer being made of a solid material which is permeable to air. Pressure sensor comprised of an assembly of: a diaphragm seal body having a diaphragm side which comprises a chamber for containing a pressure measuring fluid and a channel designed for connecting the chamber to a measuring device; a mounting body which is at an inner side designed for assembling to the diaphragm side of the diaphragm seal body and at an outer side is designed for mounting the sensor to external equipment of which an external pressure is to be measured; a diaphragm assembly fixed between the diaphragm side of the diaphragm seal body and wherein the diaphragm seal body and the mounting body are assembled to each other by coupling means.

No. of Pages : 14 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:B01J2/08,B01J2/18	(71)Name of Applicant :
(31) Priority Document No	:1016433.3	1)Q CHIP LIMITED
(32) Priority Date	:30/09/2010	Address of Applicant :36A Park Place Cardiff CF10 3BB U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2011/051858	1)PALMER Daniel
Filing Date	:30/09/2011	2)SHADICK Owen
(87) International Publication No	:WO 2012/042273	
(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 : APPARATUS AND METHOD FOR MAKING SOLID BEADS

(57) Abstract :

An apparatus for making solid beads is provided the apparatus comprising at least one liquid droplet generator operable to generate droplets comprising a solute dissolved in a solvent and at least one flow channel for carrying a second liquid at least one liquid droplet generator and at least one flow channel being spaced relative to one another so that in use liquid droplets pass through a gas into a second liquid provided in said flow channel the solvent being soluble in the second liquid so as to cause the solvent to exit the droplets thus forming solid beads. A method of preparing solid beads is also provided.

No. of Pages : 46 No. of Claims : 68

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHOD OF	F MAKING SOLID BEA	DS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B01J2/08,B01J2/18 :1016436.6 :30/09/2010 :U.K. :PCT/GB2011/051859 :30/09/2011 :WO 2012/042274 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Q CHIP LIMITED</li> <li>Address of Applicant :36A Park Place Cardiff CF10 3BB U.K.</li> <li>(72)Name of Inventor :</li> <li>1)PALMER Daniel</li> <li>2)SHADICK Owen</li> </ul>

(57) Abstract :

A method of forming solid beads the method comprising: Providing a first liquid comprising a solute and a solvent Forming liquid droplets of the first liquid Contacting the liquid droplets with a second liquid so as to cause the solvent to exit the droplets thus forming solid beads the solute comprising a polymer the concentration of polymer in the first liquid being at least 7% w/v. the solubility of the solvent in the second liquid being at least 5g of solvent per 100ml of second liquid.

No. of Pages : 47 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR PRODUCING CARBON NANOFIBERS CARBON COMPOSITE AND METHOD FOR PRODUCING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:2010235795 :20/10/2010 :Japan :PCT/JP2011/072385 :29/09/2011 :WO 2012/053334 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038338 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KAWASAKI Takashi</li> <li>2)YAMAHIRA Mamoru</li> <li>3)HARADA Yusaku</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

The present invention provides: a production method for efficiently producing highly conductive carbon nanofibers that reduces variation in quality; and a carbon composite having excellent dispersibility and ability to impart conductivity and a method for producing the same. The present invention pertains to: a method for producing carbon nanofibers by causing a catalyst to contact carbide furnace gas used as a starting material; a carbon black/carbon nanofiber carbon composite that is characterized by having a carbon black particle or particle aggregate as a nucleus and having carbon black and carbon nanofibers joined to one another; and a method for producing a carbon composite by holding a carbon nanofiber forming catalyst to carbon black and causing carbide furnace gas to contact the same.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : FUSION PROTEIN FOR SECRETORY PROTEIN EXPRESSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> </ul> </li> </ul>	:C12N15/62,C07K14/245,A61K55/74 :10510006 :28/09/2010 :Sweden :PCT/EP2011/066854 :28/09/2011 :WO 2012/041899 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ABERA BIOSCIENCE AB Address of Applicant :c/o Serendipity Innovations AB Stureplan 15 2 tr S 111 45 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)LUIRINK Joen</li> <li>2)JONG Wouter S.P.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> </ul>	:NA :NA	

### (57) Abstract :

There is provided a fusion protein suitable for secretion of more than one polypeptide(s) of interest (POI) comprising a signal peptide a POI a passenger domain comprising a beta stem domain from an autotransporter protein and a translocator domain from an autotransporter protein wherein the beta stem forming sequence of the passenger domain is essentially intact and the POI(s) is/are fused to the beta stem domain.

No. of Pages : 368 No. of Claims : 43

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A61B17/3207,A61B17/22 :61/407788 :28/10/2010 :U.S.A. :PCT/US2011/058107	1)COVIDIEN LP Address of Applicant :15 Hampshire Street Mansfield Massachusetts 02048 U.S.A. (72)Name of Inventor :
<ul> <li>(60) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:27/10/2011 :WO 2012/058438 :NA :NA	<ul> <li>(72)Name of Inventor 1</li> <li>1)ZERONI Jenny</li> <li>2)VANPELT Robert Wayne Jr.</li> <li>3)SILLS Cory David</li> <li>4)PETERSEN Scott Robert</li> <li>5)VAN DER LUGT Nick Jan</li> </ul>

#### (54) Title of the invention : MATERIAL REMOVAL DEVICE AND METHOD OF USE

(57) Abstract :

An atherectomy catheter (2) having an inner drive shaft (6) which rotates a distal rotary tissue borer (7) with a helical cutting surface which enables the catheter to cut through and cross aCTO. Additionally the atherectomy catheter has a distal cutting element (4) rotated by an outer drive shaft (3) configured to cut material from the wall of a vessel at a treatment site as the catheter is pushed distally through the treatment site. The atherectomy catheter may include means to direct material cut from the treatment site into the collection chamber means to break down larger portions of material that may block or clog the collection chamber and means of transporting the material collected from the treatment site to a proximal opening in the atherectomy catheter.

No. of Pages : 53 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A01N63/00	(71)Name of Applicant :
(31) Priority Document No	:12/890951	1)KIBOW BIOTECH INC.
(32) Priority Date	:27/09/2010	Address of Applicant :Newtown Business Center 4629 West
(33) Name of priority country	:U.S.A.	Chester Pike Newtown PA 19073 U.S.A.
(86) International Application No	:PCT/US2011/051171	(72)Name of Inventor :
Filing Date	:12/09/2011	1)RANGANATHAN Natarajan
(87) International Publication No	:WO 2012/050701	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : COMPOSITIONS AND METHODS FOR AUGMENTING KIDNEY FUNCTION

(57) Abstract :

A protein rich nutritional food product composed of a probiotic and an edible isolated protein. The probiotic component may comprise Lactobacillus Bacillus Streptococcus Bifidobacteria Saccharomyces or Leuconostoc. The isolated protein may comprise whey proteins whey growth factor extract glutamine peptide egg albumen soy proteins or caseinates. This nutritional composition can be in the form of a food product dietary supplement or medical food which upon ingestion will promote a healthy intestinal microenvironment provide a source of protein and assist in the elimination of nitrogenous waste products that can build up in concentration in the circulating blood. Increased concentrations of the wastes are known to exert a negative impact on an individual s physiology and contribute to a decreased sense of well being and general malaise. Methods for removing nitrogenous waste products from the blood and ameliorating renal failure using the nutritional product of the invention are also provided.

No. of Pages : 25 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :23/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : CY	STEINE AND FOOD INTAKE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	n:A61K31/198,A61P1/14,A61P3/04 :10188399.9 :21/10/2010 :EPO :PCT/EP2011/068231 :19/10/2011 :WO 2012/052463 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>NESTEC S.A.</li> <li>Address of Applicant :Avenue Nestl 55 CH 1800 Vevey</li> </ol> </li> <li>Switzerland <ol> <li>NRA</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BREUILLE Denis</li> <li>PAPET Isabelle</li> <li>VIDAL Karine</li> </ol> </li> </ul>

(57) Abstract :

The present invention relates to the field of nutrition; in particular to the prevention and/or treatment of malnutrition. One embodiment of the present invention relates to a nutritional composition enriched in cysteine for use in the treatment and/or prevention of malnutrition and disorders related thereto. Such a composition may in particular but not exclusively be useful for the elderly population.

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

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A61K8/02	(71)Name of Applicant :
(31) Priority Document No	:61/455841	1)NESTEC S.A.
(32) Priority Date	:27/10/2010	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2011/001795	(72)Name of Inventor :
Filing Date	:21/10/2011	1)PAN Yuanlong
(87) International Publication No	:WO 2012/057824	2)HANNAH Steven Scott
(61) Patent of Addition to Application	:NA	3)MIDDLETON Rondo Paul
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : METHODS AND COMPOSITIONS SUITABLE FOR PROMOTING HEALTHY SKIN

(57) Abstract :

The invention provides methods compositions and dietary formulations useful for preventing or treating dermatitis promoting healthy skin and retarding skin aging. 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 : 112

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR ENHANCING A VOICEMAIL WITH ADDITIONAL NON VOICE INFORMATION

(32) Priority Date:28/09/2010Address of Applicant :36/F Tower Two Times Square 1(33) Name of priority country:France(86) International Application No:PCT/FR2011/000525Filing Date:26/09/2011(87) International Publication No:WO 2012/045922(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAKathesen Street Causeway Bay Hong Kong China(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10 03846 :28/09/2010 :France :PCT/FR2011/000525 :26/09/2011 :WO 2012/045922 :NA :NA :NA	(72)Name of Inventor :
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(57) Abstract :

The invention relates to a method for creating and transmitting a telephone call requested by a transmitting service to the telephone (3) of a recipient, wherein a server (1) of the transmitting service is capable of submitting a call request to a call server (2), said call request containing digital information enabling the call server to initiate a call to the telephone (3) of the recipient using a calling number to be displayed on said telephone, characterized in that said call contains an enhanced voicemail, consisting of a voicemail constructed by the call server from a portion of the information contained in said call request and intended to be broadcast during said call, and additional non-voice information contained in said call request and used by the call server to form said calling number.

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : APPARATUS AND PROCESSES FOR APPLYING SUBSTANCES WITHIN MAMMALIAN TISSUE

(51) International classification	:A61F2/958.A61M25/09	(71)Name of Applicant :
(31) Priority Document No	:12/906671	1)HAERY Cameron
(32) Priority Date	:18/10/2010	Address of Applicant :2700 North Hampden Ct. #9C Chicago
(33) Name of priority country	:U.S.A.	IL 60614 U.S.A.
(86) International Application No	:PCT/US2011/056542	(72)Name of Inventor :
Filing Date	:17/10/2011	1)HAERY Cameron
(87) International Publication No	:WO 2012/054387	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for applying a substance to internal mammalian tissue is provided. The apparatus includes a member having a flexible absorbent porous portion connected to a non porous portion. The apparatus may be used to treat atrial fibrillation or other non atrial fibrillation issues with internal mammalian tissue.

No. of Pages : 35 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :23/04/2013

#### (43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B60K17/00,F16H37/08 :61/408926 :01/11/2010 :U.S.A. :PCT/US2011/058810 :01/11/2011 :WO 2012/061407 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)POLARIS INDUSTRIES INC. Address of Applicant :2100 Highway 55 Medina MN 55340</li> <li>9770 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DIETER Benjamin J.</li> <li>2)OLSON Alan S.</li> <li>3)WEBER Daniel Scott</li> <li>4)RODRIGUEZ William Burt</li> <li>5)SCHREIER John D.</li> <li>6)NELSON Stephen L.</li> <li>7)DANIELSON Ron R.</li> <li>8)SUNSDAHL Roy A.</li> </ul>
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#### (54) Title of the invention : VEHICLE AND TRANSMISSION FOR A VEHICLE

(57) Abstract :

A vehicle is described having a transmission (22) driven through a propulsion unit (20) such as an engine and through a CVT (24). The transmission is comprised of an input shaft (60) and an output shaft (100) which are coaxially disposed. An idler shaft (62) is driven by the input shaft and the idler shaft drives the output shaft through selected gear sets (64 66 68) to provide different gear ratios or drive directions. The CVT also has a fan (132) on the driven side which feeds air through the CVT for cooling. The CVT comprises a drive side clutch (52) and a driven side clutch (50) with the output shaft of the (100) extending through the CVT driven clutch (50).

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

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : MULTIMODE	TRACTION SYSTEM	
<ul> <li>(54) Title of the invention : MULTIMODE</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> </ul>	:B60K23/04 :61/423915 :16/12/2010 :U.S.A. :PCT/US2011/064656 :13/12/2011 :WO 2012/082745 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)POLARIS INDUSTRIES INC. Address of Applicant :2100 Highway 55 Medina MN 55340 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HAPKA Roger J.</li> </ul>
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A vehicle (2 102) is described having plural modes of operation for a front and rear differential (68 72) and whereupon start up of the vehicle the front and rear differentials are opened to their most open position.

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

#### (19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INTEGRATED PROCESS FOR THE MANUFACTURE OF FLUORINATED OLEFINS

(33) Name of priority country	:C07C17/23,C07C21/18,C07C19/08 :61/392242 :12/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101</li> <li>Columbia Road P. O. Box 2245 Morristown New Jersey 07962</li> <li>2245 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:07/10/2011	1)BEKTESEVIC Selma 2)TUNG Hsueh Sung 3)KOPKALLI Haluk
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	<sup>h</sup> :NA :NA	

(57) Abstract :

The instant invention relates at least in part to a method increasing the cost efficiency for dehydrohalogenation production of a fluorinated olefin by recovering and recycling spent dehydrohalogenation agent. In one aspect the present invention relates to dehydrohalogenating a fluorinated alkane (e.g. pentafluoropropane and/or hexafluoropropane) in the presence of a dehydrohalogenating agent to produce a fluorinated olefin (e.g. tetrafluoropropenes and/or pentafluoropropenes). Removal of spent dehydrohalogenating agent from the reactor allows for facile separation of organic and dehydrohalogenating agent the latter of which is recycled.

No. of Pages : 40 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LOW ENERGY DISTILLATION SYSTEM AND METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) State in the st</li></ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)EXXONMOBIL RESEARCH AND ENGINEERING</li> <li>CONPANY</li> <li>Address of Applicant :1545 Route 22 East P.O. Box 900</li> </ul>
<ul> <li>(86) International Application No:PCT/US2011/054854</li> <li>Filing Date</li> <li>(87) International Publication No:WO 2012/047953</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> <li>NA</li> <li>NA</li> </ul>	Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor : 1)GUPTA Ramesh 2)WEISSMAN Walter 3)STOBER Berne K. 4)CODY Ian A.

#### (57) Abstract :

A distillation system for separating at least two components of a multi component fluid feed that includes a stripper section including (i) an inlet to receive a feed of fluid containing at least two components (ii) a compressor in fluid communication with a more volatile portion of the fluid within the stripper section to provide an output feed and (iii) a reboiler to receive a heating fluid and in fluid communication with a less volatile portion of fluid within the stripper section. The distillation system also includes a rectifier section aligned vertically with and disposed below the stripper section the rectifier section to receive the output feed from the compressor and further including (i) a condenser to receive a cooling fluid and in fluid communication with a more volatile portion of the output feed from the compressor the condenser including an exit to remove at least one component from the more volatile portion of the output feed and (ii) an outlet to recycle a less volatile portion of the output feed from the compressor for recycle back to the stripper section. Heat pipes are provided between the lower rectifier section and the upper stripper section so as to transfer thermal energy from the rectifier to the stripper section and thereby improve the exergy efficiency of such distillation.

No. of Pages : 21 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : TARGET GENES FOR CONTROL OF PLANT PARASITIC NEMATODES AND USE OF SAME

(51) International classification	:C12N15/29,C12N15/82,A01H5/00	(71)Name of Applicant : 1)NEMGENIX PTY LTD
(31) Priority Document No	:61/382347	Address of Applicant : Unit 4 97 Hector Street Osborne Park
(32) Priority Date	:13/09/2010	Perth Western Australia 6017 Australia
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2011/002130 :13/09/2011	1)FOSU NYARKO John 2)JONES Michael George Kepler
(87) International Publication No	:WO 2012/035407	
(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 identifying and evaluating target coding and non coding sequences for control of plant parasitic nematodes by inhibiting one or more biological functions and their use. The invention provides methods and compositions for identification of such sequences and for the control of a plant parasitic nematode population. By feeding one or more recombinant double stranded RNA molecules provided by the invention to the nematode a reduction in disease may be obtained through suppression of nematode gene expression. The invention is also directed to methods for making transgenic plants that express the double stranded RNA molecules and the plant cells and plants obtained thereby.

No. of Pages : 135 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :08/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELEVATOR SYSTEM BELT (51) International classification :B66B7/06,D07B1/06,B66B11/08 (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant : Ten Farm Springs Road Farmington (33) Name of priority country Connecticut 06032 U.S.A. :NA (72)Name of Inventor: (86) International Application :PCT/US2010/061825 1)WESSON John P. No :22/12/2010 Filing Date 2)KRISHNAN Gopal R. (87) International Publication **3)ZHANG Huan** :WO 2012/087315 No 4) DEVALVE Timothy D. (61) Patent of Addition to 5)MCKEE David Wayne :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A belt for suspending and/or driving an elevator car includes a plurality of wires arranged into one or more cords and a jacket substantially retaining the one or more cords. Each cord includes a plurality of wires arranged around at least one non load bearing core. An elevator system includes an elevator car and one or more sheaves. One or more belts are operably connected to the car and interactive with the one or more sheaves for suspending and/or driving the elevator car. Each belt of the one or more belts includes a plurality of wires arranged into one or more cords and a jacket substantially retaining the one or more cords. Each cord includes a plurality of wires arranged around at least one non load bearing core.

No. of Pages : 23 No. of Claims : 33

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PRODUCING ALPHA OLEFINS USING POLYKETIDE SYNTHASES

(51) International classification	:C12P5/02	(71)Name of Applicant :
(31) Priority Document No	:61/387435	1)THE REGENTS OF THE UNIVERSITY OF
(32) Priority Date	:28/09/2010	CALIFORNIA
(33) Name of priority country	:U.S.A.	Address of Applicant :1111 Franklin Street 12th Floor
(86) International Application No	:PCT/US2011/053787	Oakland CA 94607 5200 U.S.A.
Filing Date	:28/09/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/050931	1)FORTMAN Jeffrey L.
(61) Patent of Addition to Application	:NA	2)KATZ Leonard
Number	:NA	3)STEEN Eric J.
Filing Date	.11A	4)KEASLING Jay D.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides for a polyketide synthase (PKS) capable of synthesizing an a olefin such as 1 hexene or butadiene. The present invention also provides for a host cell comprising the PKS and when cultured produces the a olefin.

No. of Pages : 76 No. of Claims : 33

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : TWO STAG	E MEMBRANE PROCES	S
	C10C21/00 D01D (1/50	
(51) International classification	:C10G31/09,B01D61/58	(71)Name of Applicant :
(31) Priority Document No	:61/387492	1)UOP LLC
(32) Priority Date	:29/09/2010	Address of Applicant :25 East Algonquin Road P. O. Box
(33) Name of priority country	:U.S.A.	5017 Des Plaines Illinois 60017 5017 U.S.A.
(86) International Application No	:PCT/US2011/053358	(72)Name of Inventor :
Filing Date	:27/09/2011	1)DOONG Shain Jer
(87) International Publication No	:WO 2012/050816	2)XOMERITAKIS George K.
(61) Patent of Addition to Application	. N. A	3)CNOP Tom
Number	:NA	4)FARR David
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention comprises a two stage process for purifying a gas preferably natural gas. The process provides for a higher level of hydrocarbon recovery with lower compressor power consumption and a lower membrane area requirement than prior art processes.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LIQUID PHASE HYDROPROCESSING WITH LOW PRESSURE DROP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C10G45/04,C10G47/02 :12/890904 :27/09/2010 :U.S.A. :PCT/US2011/053205 :26/09/2011 :WO 2012/047573 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UOP LLC <ul> <li>Address of Applicant :25 East Algonquin Road P. O. Box</li> </ul> </li> <li>5017 Des Plaines Illinois des Plaines U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)PETRI John A.</li> <li>2)KOKAYEFF Peter</li> <li>3)SECHRIST Paul A.</li> </ul> </li> </ul>
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for hydroprocessing a hydrocarbonaceous feedstock in a continuous liquid phase utilizes a hydroprocessing catalyst comprising pills that have a largest dimension that averages no more than 1.27 mm (1/20 inch) and more than 100 nm to produce a hydrocarbonaceous product stream.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : MICROORGANISM PRODUCING O PHOSPHOSERINE AND METHOD OF PRODUCING L CYSTEINE OR DERIVATIVES THEREOF FROM O PHOSPHOSERINE USING THE SAME

(57) Abstract :

The present invention relates to a method for production of cysteine or its derivatives using O phosphoserine as an intermediate and recombinant microorganism for use in production of O phosphoserine.

No. of Pages : 149 No. of Claims : 30

(19) INDIA

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

(54) Title of the invention : A BUILDING

#### (43) Publication Date : 14/11/2014

(+ -)		
(51) International classification	:E04B1/38,E04C3/02	(71)Name of Applicant :
(31) Priority Document No	:2010904506	1)PEARLS MiiHOME IP PTY LTD
(32) Priority Date	:08/10/2010	Address of Applicant :LEVEL 1,9 OUYAN STREET,
(33) Name of priority country	:Australia	BUNDALL, QUEENSLAND 4217, AUSTRALIA Australia
(86) International Application No	:PCT/AU2011/001285	(72)Name of Inventor :
Filing Date	:06/10/2011	1)WINFIELD Mark
(87) International Publication No	:WO 2012/045125	
(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 generally relates to a building including a wall panel assembly and a roof assembly supported by the wall panel assembly. The wall panel assembly includes a wall panel and a coupler for receiving the wall panel. The coupler couples a joist to the wall panel. The coupler includes a receptacle for receiving the wall panel and a support extending from the receptacle and for supporting a joist. The roof assembly includes a resilient spacer and a roof panel located adjacent the resilient spacer.

No. of Pages : 19 No. of Claims : 20

(21) Application No.3651/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : NEW SACCHAROMYCES CEREVISIAE STRAINS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/SE2011/051369 :15/11/2011 :WO 2012/067572 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCANDINAVIAN TECHNOLOGY GROUP AB Address of Applicant :Ideon S 223 70 Lund Sweden</li> <li>(72)Name of Inventor :</li> <li>1)ALBERS Eva</li> <li>2)OLSSON Lisbeth</li> <li>3)KOPPRAM Rakesh</li> </ul>
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(57) Abstract :

A method for producing astrain of with introduced genes coding for xylose reductase xylitol dehydrogenase and xylulokinase and with improved ethanol production improved xylose conversion and reduced xylitol production is described. The method comprises culturing the cells in a repetitive batch series in a medium at a xylose concentration of about 15 25 g/l and at a temperature of about 28 32°C and thereafter lowering the xylose concentration in at least one step at a temperature of about 28 32°C to obtain an increased selection pressure for improved xylose fermentation improved ethanol production and reduced xylitol production and continuing the culturing of the cells in said repetitive batch series. Further strains of Saccharomyces cerevisiae Saccharomyces cerevisiae obtained by the method according to the invention are described.

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

(21) Application No.3652/DELNP/2013 A

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : NEW STRAINS OF SACCHAROMYCES CEREVISIAE (51) International classification :C12N15/01,C12N1/36,C12N1/19 (71)Name of Applicant : 1)Scandinavian Technology Group AB (31) Priority Document No :10511947 (32) Priority Date Address of Applicant : Ideon S 223 70 Lund Sweden :15/11/2010 (72)Name of Inventor : (33) Name of priority country :Sweden **1)ALBERS Eva** (86) International Application :PCT/SE2011/051368 2)OLSSON Lisbeth No :15/11/2011 Filing Date 3)KOPPRAM Rakesh (87) International Publication :WO 2012/067571 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract :

A method for producing a strain of Saccharomyces cerevisiae with introduced genes coding for xylose reductase, xylitol dehydrogenase and xylulokinase and with improved ethanol production, improved xylose conversion, reduced xylitol production and improved inhibitor tolerance is described. The method comprises culturing a strain of Saccharomyces cerevisiae at a continuous mode with a medium comprising essentially only xylose as carbon source at a temperature of 25- 38 °C, preferably 30-35 °C, and an airflow of 0.040-0.055 wm, and increasing the dilution rate to maintain a constant cell level, said cell level being in the range of o 1.5-3.0 determined by optical density or equivalent analytical means, and adding at least one inhibitor to the cells and gradually in - creasing the addition of said inhibitor. Further, strains of Saccharomyces cerevisiae obtained by the method according to the inven tion are described.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MANIPULATING GRAPHICAL OBJECTS (51) International classification :G06F17/21,G06F17/24,G06F3/14 (71)Name of Applicant : 1)LUCID SOFTWARE INC. (31) Priority Document No :12/896664 :01/10/2010 (32) Priority Date Address of Applicant :12222 South 1000 East Suite 2 Draper (33) Name of priority country :U.S.A. UT 84020 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/054381 No 1)DILTS Benjamin N. :30/09/2011 Filing Date (87) International Publication :WO 2012/045024 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

In one example a method for rendering graphical objects on a display includes rendering each of a plurality of graphical objects within respective layers. The plurality of graphical objects includes first second and third graphical objects. The second graphical object is directly linked to the first graphical object and the third graphical object is directly linked to the second graphical object. The method additionally includes receiving user input manipulating one of the graphical objects in a manner that affects a directly linked graphical object. The method additionally includes re rendering the manipulated graphical object and the directly linked graphical object without re rendering graphical objects that are not directly linked to the manipulated graphical object.

No. of Pages : 62 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : MEMBRANE SEPARATION MODULE			
<ul> <li>(54) Title of the invention : MEMBRAN</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>		LE (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor : 1)BEAUCHAMP Philip Paul 2)THIYAGARAJAN Ramasamy	
<ul> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	3)KUMAR Anubhav 4)ANDERSON Todd Alan	

(57) Abstract :

A separation module utilizing a feed spacer (404) and a method for forming such a separation module are provided. A gasket comprising a flexible waterproof material (406) is disposed on at least part of one or more edges of the feed spacer. A membrane layer (410) is disposed on a first surface of the feed spacer. A permeate carrier (412) is disposed on a surface of the membrane element opposite the feed spacer. Optionally an additional thermosetting adhesive (408) is used.

No. of Pages : 25 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SERVICE REDIRECTION FROM A POLICY AND CHARGING CONTROL ARCHITECTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:H04L12/14 :NA :NA :NA :PCT/EP2010/067548 :16/11/2010 :WO 2012/065626 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SUECIA Se 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)CASTRO CASTRO Fabian</li> <li>2)LOPEZ NIETO Ana Maria</li> <li>3)MARTIN CABELLO Irene</li> </ul>
(61) Patent of Addition to Application		3)MARTIN CABELLO Irene
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

The present invention faces the issue of authorizing redirection services in PCC architecture and provides for a PCRF server adapted to determine redirection per service in an IP CAN session a PCEF device adapted to receive redirection information per service basis to determine redirection per service request and to trigger the redirection; and a method of authorizing a redirection service in a PCC architecture comprising: upon an IP CAN session establishment or modification a PCEF device requesting control rules; a PCRF server determining services requiring redirection and answering with control rules and redirection information per service basis; installing at the PCEF device the control rules and redirection information; upon a first request for a service the PCEF device determining the service redirection and returning a redirection message with a redirection identifier; and upon completion of the service redirection the first request for the service reaching the PCEF the PCEF verifying the service is authorized and submitting a service allowance towards the service server in charge of the service.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CRY1I PROTEINS AND GENES FOR INSECT CONTROL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> <li>(62) Divisional to</li> </ul> </li> </ul>	:C07K14/325,C07H21/04,C12P21/02 :61/422328 :13/12/2010 :U.S.A. :PCT/US2011/061753 :22/11/2011 :WO 2012/082325 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)KRAMER Vance</li> </ul>
Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Novel insecticidal toxins isolated from Bacillus thuringiensis that are active against lepidopteran insect pests are disclosed. The DNA encoding the insecticidal toxins can be used to transform various prokaryotic and eukaryotic organisms to express the insecticidal toxins. These recombinant organisms can be used to control lepidopteran insects in various environments.

No. of Pages : 59 No. of Claims : 36

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : REGENERATIVE RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES

(51) International classification	:B01D53/14,B01D53/50,C01B17/05	(71)Name of Applicant : 1)MECS INC
(31) Priority Document No	:61/408420	Address of Applicant :14522 South Outer Forty Drive
(32) Priority Date	:29/10/2010	Chesterfiled Missouri 63017 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:28/10/2011	1)VERA CASTANEDA Ernesto

#### (57) Abstract :

This invention relates to processes for the selective removal of contaminants from effluent gases. More particularly some embodiments of the present invention relate to selective removal and recovery of sulfur dioxide from effluent gases in a sulfur dioxide absorption/desorption process that utilizes a buffered aqueous absorption solution comprising certain weak inorganic or organic acids or salts thereof preferably certain polyprotic carboxylic acids or salts thereof to selectively absorb sulfur dioxide from the effluent gas. Oxidation inhibitors may be used. The absorbed sulfur dioxide is subsequently stripped to regenerate the absorption solution and produce a gas enriched in sulfur dioxide content. The regeneration of the absorption solution may include an integrated sulfur dioxide stripper and heat pump system to provide improved energy efficiency. Other embodiments of the present invention relate to a process for simultaneous removal of sulfur dioxide and nitrogen oxides (NO) from effluent gases and recovery of sulfur dioxide. The process utilizes a buffered aqueous absorption solution further including a metal chelate to absorb sulfur dioxide and (NO) from the gas and subsequently reducing the absorbed (NO) to form nitrogen. Still further the present invention provides a process to control sulfate salt contaminant concentration in the absorption solution by partial crystallization and removal of the sulfate salt crystals.

No. of Pages : 63 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHODS AND VECTORS FOR CELL IMMORTALISATION

(51) International classification	:C12N15/12,C12N15/86,C12N5/10	(71)Name of Applicant : 1)HELMHOLTZ ZENTRUM FR
(31) Priority Document No	:10 014 200.9	INFEKTIONSFORSCHUNG GMBH
(32) Priority Date	:02/11/2010	Address of Applicant : Inhoffenstrasse 7 38124 Braunschweig
(33) Name of priority country	:EPO	Germany
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/EP2011/005528 :02/11/2011 :WO 2012/059223	<ul> <li>(72)Name of Inventor :</li> <li>1)MAY Tobias</li> <li>2)HAUSER Hansjrg</li> <li>3)SCHULLER Franziska</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	4)ZAUERS Jeannette 5)SCHUCHT Roland
Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and to vectors for the immortalisation of cells independent of their type. It further relates to a cell or a cell line produced with the method or the vectors of the invention. The invention also relates to the use of this cell or cell line in invitro applications and in the treatment of disease.

No. of Pages : 66 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : COMPRESSIBLE HIGHLY VISCOUS POLYSACCHARIDE AND POLYOL POWDER

<ul> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>SNA</li> <li>(61) Patent of Addition to</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>NA</li> <li>N</li></ul>	<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:PCT/FR2011/052559 :02/11/2011 :WO 2012/059689 :NA :NA	<ul> <li>1) ROQUETTE FRERES Address of Applicant :F 62136 Lestrem France</li> <li>(72)Name of Inventor :</li> <li>1)BOIT Baptiste</li> <li>2)BUQUET Fabrice</li> <li>3)LE BIHAN Grgory</li> </ul>
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(57) Abstract :

The invention relates to a powder of cold-soluble polysaccharide and of polyol, said powder being highly viscous in water and being suitable for direct compression. The invention also relates to a method for preparing said powder and to the uses thereof, the powder being notably intended for preparing solid forms with controlled release of an active principle.

No. of Pages : 29 No. of Claims : 18

(21) Application No.3636/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Eiling Date</li> </ul>	:10 2010 050 042.9 :29/10/2010 :Germany :PCT/EP2011/004967 :05/10/2011 :WO 2012/055477 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AAA WATER TECHNOLOGIES AG Address of Applicant :c/o 4S Treuhand AG Hinterbergstrasse</li> <li>18 6330 Cham Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)HEINZL Wolfgang</li> </ul>
Filing Date	:NA	

#### (54) Title of the invention : APPARATUS FOR DRYING AND/OR COOLING GAS

(57) Abstract :

The invention relates to an apparatus (10) for drying and/or cooling gas (12), in particular air, by means of a hygroscopic solution (14), said apparatus comprising an absorption device (16) which comprises at least one gas flow duct (18) and at least one flow duct (20) carrying the hygroscopic solution, wherein the inner or gas chamber (22) of a respective gas flow duct is at least partly delimited by a vapor-permeable liquid-tight membrane wall (24) and at least one flow duct is provided, which is formed between such a gas flow duct and a further such gas flow duct adjacent to the latter or an adjacent cooling unit (26) and which carries the hygroscopic solution, so that moisture, in particular water vapor, passes from the gas into the hygroscopic solution via - the membrane wall and is absorbed in said solution.

No. of Pages : 39 No. of Claims : 18

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : STEEL FOR CARBURIZING CARBURIZED STEEL COMPONENT AND METHOD FOR PRODUCING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/60,C21D1/06,C21D1/32 :2011027279 :10/02/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON STEEL &amp; SUMITOMO METAL</li> <li>CORPORATION</li> <li>Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/JP2012/052854 :08/02/2012 :WO 2012/108461	Tokyo 1008071 Japan (72)Name of Inventor : 1)KUBOTA Manabu
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A steel for a carburizing and a carburized steel component having a steel portion and a carburized layer with a thickness of more than 0.4 mm to less than 2 mm which is 5 formed on an outside of the steel portion. A chemical composition of the steel for the carburizing and the steel portion of the carburized steel component satisfies simultaneously equations of a hardness parameter, a hardenability parameter, and an A1N precipitation parameter.

No. of Pages : 63 No. of Claims : 13

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND DEVICE FOR INSPECTING A THREADING OF A TUBULAR CONNECTION USED IN THE OIL INDUSTRY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G01B3/40,G01B3/48,E21B19/16 :10/04615 :26/11/2010 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)VALLOUREC MANNESMANN OIL &amp; GAS FRANCE Address of Applicant :54 rue Anatole France 59620 Aulnoye Aymeries France</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/EP2011/005745 :15/11/2011 :WO 2012/069154	2)NIPPON STEEL & SUMITOMO METAL CORPORATION (72)Name of Inventor : 1)DURIVAULT Jr <sup>2</sup> me 2)CROSS Nigel 3)PEUCHOT Florian
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)APPLINCOURT Anthony

(57) Abstract :

The invention concerns a device for inspecting a threading (fc) of a tubular component for the exploration or working of hydrocarbon wells the device comprising a threaded support (14) which can cooperate by makeup with the threading (fc) of the tubular component means (12 fs) for blocking the advance of the threaded support (14) during makeup with the threading (fc) of the tubular component a longitudinal rail (2) fixed to the means (12 fs) for blocking the advance of the threaded support (14) and extending in a direction belonging to a plane passing through the axis of the threading of the treaded support (14) means (9) for inspecting the treading of the tubular component (fc) and means (4) for longitudinal guidance in order to guide the means (9) for inspecting the treading in translation along the longitudinal rail (2). The invention also concerns methods using the device.

No. of Pages : 24 No. of Claims : 17

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INFORMATION PROCESSING SYSTEM AND INFORMATION PROCESSING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> </ul>	1	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)YOSHIOKA Shigeatsu</li> </ul> </li> </ul>
No Filing Date	:12/07/2012	2)YAMANE Kenji 3)TAGAMI Naoki
(87) International Publication No	:WO 2013/031077	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide an information processing device and an information processing method with greater user usability. [Solution] An information processing system which is a first aspect according to the present technology comprises: an acquisition unit which acquires image data which is obtained by photographing a slide on which a plurality of slices which are obtained by slicing a specimen in a single direction and which are mounted separately from one another upon said slide; a detection unit which detects a plurality of detection regions of the same shape which each include one of the slices in the acquired image data and computes location information which relatively denotes the location in a coordinate space of the image data of each of the respective specimen regions; a first storage unit which stores the computed location information; and a control unit which switches the display between the specimen regions based on the stored location information.

No. of Pages : 88 No. of Claims : 9

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELECTROLYTE AND SECONDARY BATTERY

<ul> <li>(51) International classification</li> <li>(31) Priority</li> <li>Document No</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> <li>(63) International Strategies</li> <li>(64) Patent of Strategies</li> <li>(65) Divisional to Application Number Filing Date</li> <li>(65) Divisional to Application Number Filing Date</li> </ul>	0 11/072013 1	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)NAKAYAMA Yuri</li> <li>2)TAKESHI Kazumasa</li> <li>3)SENDA Yui</li> <li>4)MORIOKA Hiroyuki</li> </ul> </li> </ul>
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(57) Abstract :

Provided is an electrolyte in which the process temperature of an aluminum precipitation/dissolution reaction can be reduced. Also provided is a secondary battery in which the electrolyte is used. The electrolyte comprises an aluminum salt an alkylsulphone (R1 S(=O) R2 where R1 and R2 each represent an alkyl group) and a solvent (relative permittivity: 20 or less). The content of the solvent is from 30 mol% to less than 88 mol% and the molar ratio (content of aluminum salt/content of alkylsulphone) is from 4/5 to less than 7/3.

No. of Pages : 26 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : 23 YNE VITAMIN D3 DERIVATIVE

classification       :C0/C401/00,A61K31/593,A61P19/10       1)'         (31) Priority Document No :2010238524       1)'         (32) Priority Date       :25/10/2010       Tok:         (33) Name of priority       :Japan       1)'         (36) International       :PCT/JP2011/074414       2)         (86) International       :PCT/JP2011/074414       3)         Filing Date       :24/10/2011       4)'         (87) International       :WO 2012/057068       5)         (61) Patent of Addition to       :NA       7)	<ul> <li><sup>(1)</sup>Name of Applicant :</li> <li>1)TEIJIN PHARMA LIMITED Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku okyo 1000013 Japan</li> <li><sup>(2)</sup>Name of Inventor :</li> <li>1)SAITO Hiroshi</li> <li>2)KOMIYAMA Masato</li> <li>3)OCHIAI Eiji</li> <li>4)TAKAGI Kenichiro</li> <li>5)CHIDA Takayuki</li> <li>6)FUJITA Mariko</li> <li>7)IMAIZUMI Keiichiro</li> <li>8)KANEKO Toshiyuki</li> </ul>
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(57) Abstract :

To provide a novel vitamin D3 derivative useful as a therapeutic agent for osteoporosis. 5 Provided is a vitamin D3 derivative represented by the following formula (1) or a medicinally acceptable solvate thereof: Ol) XR3 HOSrOH R2-JV0R1 R20 10 wherein Ri represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, an alkylcarbonyloxyalkyl group with each alkyl having 1 to 6 carbon atoms, or an arylcarbonyloxyalkyl group with the aryl having 6 to 10 carbon atoms and the alkyl having 1 to 6 carbon atoms; R2 (15 represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms or, together with the other R2 and the carbon atom to which they are bound to, may form a cyclic 1 alkyl group having 3 to 6 carbon atoms; R3 represents an alkyl group having 1 to 6 carbon atom to which they are bound to, may form a cyclic 1 alkyl group having 3 to 6 carbon atoms; R3 represents an alkyl group having 3 to 6 carbon atoms; X represents an oxygen atom or a methylene group; and n represents an integer of 1 or 2.

No. of Pages : 58 No. of Claims : 13

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : CRYSTALLINE FORMS OF (S) 2 AMINO 3 (4 (2 AMINO 6 ((R) 1 (4 CH LORO 2 (3 METHYL 1H PYRAZOL 1 YL) PHENYL) 2 2 2 TRIFLUOROETHOXY) PYRIMIDIN 4 YL) PHENYL) PROPANOIC ACID

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:C07D403/12,A61K31/506,A61P1/00 :61/410421 :05/11/2010 :U.S.A. :PCT/US2011/059107 :03/11/2011 :WO 2012/061576 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>1)LEXICON PHARMACEUTICALS INC.</li> <li>Address of Applicant :8800 Technology Forest Place The</li> </ol> </li> <li>Woodlands TX 77381 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>1)LI Qun</li> <li>2)HU Weifeng</li> <li>3)YANG Xiaogen</li> <li>4)ZHAO Jiangqiong</li> <li>5)ZHAO Matthew Mangzhu</li> </ol> </li> </ul>

(57) Abstract :

Crystalline forms of (S) 2 amino 3 (4 (2 amino 6 ((R) 1 (4 chloro 2 (3 methyl lH pyrazol 1 yl) phenyl) 2 2 2 trifluoroethoxy) pyrimidin 4 yl) phenyl) propanoic acid and salts thereof are disclosed. Pharmaceutical dosage forms and methods of their use are also disclosed.

No. of Pages : 19 No. of Claims : 33

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CHIMERIC SPIDER SILK AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> </ul>	:61/387332 :28/09/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)THE UNIVERSITY OF NOTRE DAME <ul> <li>Address of Applicant :940 Grace Hall Notre Dame Indiana</li> </ul> </li> <li>46556 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)FRASER Malcolm James</li> <li>2)LEWIS Randy</li> <li>3)JARVIS Don</li> <li>4)THOMPSON Kimberly</li> <li>5)HULL Joseph</li> <li>6)MIAO Yun Gen</li> </ul> </li> </ul>
	:WO 2012/050919	5)HULL Joseph 6)MIAO Yun Gen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)TEULE Florence 8)SOHN Bonghee 9)KIM Youngsoo
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Disclosed are transgenic silkworms engineered to posses and express a chimeric spider silk protein gene the chimeric spider silk protein having spider silk domains specific for a spider silk elasticity motif sequence and/or a spider silk strength motif sequence. Also provided are improved silkworm silk fibers having improved strength (tensile) and elasticity characteristics relative to native silkworm silk fibers. An improved method for preparing chimeric silk fibers employing the transgenic silkworms disclosed herein is also provided the method employing a piggyBac based vector system and a helper plasmid. Genetic expression cassettes are provided and are used to create a number of synthetic spider silk encoding sequences (Spider 2 Spider 4 Spider 6 Spider 8). A piggyBac vector system is used to transform mutant silkworm in the presence of a helper plasmid to incorporate the chimeric spider silk gene into the silkworm to provide a stable transformant. These transgenic silkworms thus provide an efficient spider silk producing organism suitable for commercial production of silk fibers.

No. of Pages : 166 No. of Claims : 23

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A COMPOSITION COMPRISING S [2 ([[1 (2 ETHYLBUTYL) CYCLOHEXYL] CARBONYL]AMINO)PHENYL]2 METHYLPROPANETHIOATE AND CROSCARMELLOSE SODIUM

<ul> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:PCT/EP2011/069087 :31/10/2011 :WO 2012/059447 :NA :NA	Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland (72)Name of Inventor : 1)KRABICHLER Michaela 2)MEYER Bernard 3)WINZENBURG Carsten
Filing Date (62) Divisional to Application Number :	:NA :NA :NA	

#### (57) Abstract :

The present invention relates to a composition comprising: a) S [2 ([[1 (2 ethylbutyl) cyclohexyl] carbonyl]amino)phenyl]2 methylpropanethioate and b) croscarmellose sodium. The present invention also relates to a process for the preparation of a composition comprising the following steps: a) Mixing and granulating S [2 ([[1 (2 ethylbutyl) cyclohexyl] carbonyl]amino)phenyl]2 methylpropanethioate crospovidone micronized microcrystalline cellulose croscarmellose sodium and hydroxypropyl methylcellulose; b) Spraying up to 0.5% by weight of hydroxypropyl methylcellulose in water or in 10% 30% ethanol by weight/70% 90% water by weight onto the granulates obtained according to step a); c) drying the granulates; and d) blending microcrystalline cellulose colloidal silicon dioxide and sodium stearylfumarate with the dry granulates obtained according to step c).

No. of Pages : 70 No. of Claims : 45

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PENFLUFEN AS A WOOD PRESERVATIVE AGAINST XYLOPHAGOUS BASIDIOMYCETES

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A01N43/56,A01N43/78,A01N43/84 :10188711.5 :25/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany</li> <li>(72)Name of Inventor :</li> </ul>
(33) Name of priority country	:EPO	1)KOOP Bernd 2)KUGLER Martin
(86) International Application No Filing Date	:PCT/EP2011/067163 :30/09/2011	3)JAETSCH Thomas 4)KAULEN Johannes 5)GERHARZ Tanja
(87) International Publication No	:WO 2012/055673	
(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 use of penflufen for protecting wood and wood containing materials against xylophagous basidiomycetes.

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

#### (19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : AQUEOUS SOLUTION OF AMBROXOL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> </ul>	:PCT/EP2011/073754 :22/12/2011 :WO 2012/085185	<ul> <li>(71)Name of Applicant :</li> <li>1)LECTIO PHARMAENTWICKLUNGS UND</li> <li>VERWERTUNGS GMBH <ul> <li>Address of Applicant :Sachsengasse 20 A 3400</li> </ul> </li> <li>Klosterneuburg Austria</li> <li>(72)Name of Inventor : <ul> <li>1)PASSETTI Gianluigi</li> </ul> </li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an aqueous solution comprising an acid addition salt of ambroxol wherein the ambroxol content is ranging from 0.1% to 7% (w/v) the total content of polyalcohols selected from polyols and polyalkyleneglycols is at least 20% (w/v) the total content of alcohols is lower than 1% (w/v) and said aqueous solution is free of benzoic acid and/or salts thereof with organic or inorganic bases.

No. of Pages : 24 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING FLUROXYPYR AND QUINCLORAC

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA :PCT/US2010/054232 :27/10/2010 :WO 2012/057743 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MANN Richard</li> <li>2)MCVEIGH NELSON "ndrea</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An herbicidal synergistic mixture of fluroxypyr and quinclorac provides improved post emergence weed control in rice cereal and grain crops pastures rangelands IVM and turf.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURFACE COATING WITH PERFLUORINATED COMPOUNDS AS ANTIFOULING

(51) International classification	:C09D5/16	(71)Name of Applicant :
(31) Priority Document No	:MI2010A002217	1)S.T. SPECIAL TANKS SRL
(32) Priority Date	:30/11/2010	Address of Applicant : Via Ai Pascoli snc I 23841 Annone di
(33) Name of priority country	:Italy	Brianza (LC) Italy
(86) International Application No	:PCT/IB2011/055379	(72)Name of Inventor :
Filing Date	:30/11/2011	1)BIELLA Serena
(87) International Publication No	:WO 2012/073198	2)CATTANEO Giuseppe
(61) Patent of Addition to Application	:NA	3)METRANGOLO Pierangelo
Number		4)RESNATI Giuseppe
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The present invention relates to the use of perfluorinated compounds as a surface coating to counteract the formation of fouling. The present invention also relates to a method for producing a surface coating capable of preventing the formation of fouling this method comprising the application of a polar solution of a perfluorinated compound followed by a heat cycle conducted at controlled temperatures.

No. of Pages : 27 No. of Claims : 12

(21) Application No.3621/DELNP/2013 A

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SUBSTITUTED SODIUM 1H PYRAZOLE 5 OLATE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:C07D403/14,A61K31/306,A61P9/00 :10 2010 044 131.7 :18/11/2010 :Germany :PCT/EP2011/070099 :15/11/2011 :WO 2012/065967 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789</li> <li>Monheim Germany</li> <li>(72)Name of Inventor :</li> <li>1)MILITZER Hans Christian</li> <li>2)GRIES Jrg</li> <li>3)KOEP Stefan</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present application relates to sodium l-[6-(morpholin-4-yl)pyrimidin-4-yl]-4-(lH-l,2,3-triazoll- yl)-lH-pyrazol-5-olate, to processes for its preparation, to its use for the treatment and/or prophylaxis of diseases and to its use for the preparation of medicaments for the treatment and/or 5 prophylaxis of diseases, in particular cardiovascular and haematological diseases and kidney diseases, and for promoting wound healing.

No. of Pages : 45 No. of Claims : 11

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

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROPORTIONAL DOSIMETER FOR METERING AN AUXILIARY LIQUID INTO A MAIN LIQUID

(51) International classification	:F04B9/105,F04B13/02,F04B43/107	(71)Name of Applicant : 1)DOSATRON INTERNATIONAL
(31) Priority Document No	:10 59182	Address of Applicant : Rue Pascal F 33370 Tresses France
(32) Priority Date	:08/11/2010	(72)Name of Inventor :
(33) Name of priority country	y:France	1)FURET Sbastien
(86) International Application No Filing Date	:PCT/IB2011/054948 :07/11/2011	2)DUQUENNOY Philippe 3)CHARRIERE Christophe
(87) International Publication	<sup>1</sup> :WO 2012/063184	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Proportional dosimeter comprising a metering body with a main liquid inlet (2) and an outlet (3), a hydraulic motor (4) housed in the body, actuated by the main liquid, and connected to a plunger piston (5) that moves in a first chamber (6), the piston plunger drawing in fluid in an outbound stroke, a check valve being provided to allow the liquid to pass to the interior volume of the body when the pressure in the first chamber exceeds a certain pressure, during the return stroke; the dosimeter comprises a second chamber (12) of variable volume bounded by a membrane (M) subjected to the pressure obtaining in the first chamber (6), the second chamber (12) comprising an intake orifice (20) for the auxiliary liquid and a delivery orifice (23) for the auxiliary liquid, this delivery orifice being connected by a pipe (26) to an injection chamber (S) situated downstream of the outlet of the dosimeter body

No. of Pages : 22 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

#### :F04D29/057,F16C17/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2010 052 892.7 **1)VOITH PATENT GMBH** (32) Priority Date :01/12/2010 Address of Applicant :St. Pltener Str. 43 89522 Heidenheim (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2011/005674 (72)Name of Inventor : Filing Date :11/11/2011 **1)SCHWEIZER Bernhard** (87) International Publication No :WO 2012/072186 2)SIEVERT Mario (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 : BEARING ARRANGEMENT FOR A SHAFT OF A TURBINE WHEEL

### (57) Abstract :

The invention relates to a bearing arrangement for a shaft (3) of a turbine wheel (2) or of a turbine wheel (2) and of a compressor wheel (4) wherein the turbine wheel (2) is driven by the exhaust gas of a vehicle drive unit said bearing arrangement comprising a static housing (9) which together with a bearing bushing (10) arranged in a rotationally movable manner relative to the housing (9) encloses a first bearing gap (11) wherein the bearing bushing (10) accommodates the shaft (3) in a rotationally movable manner and encloses a second bearing gap (12) together with the shaft. The invention is characterized in that a ratio (R1/R2) of radii (R1 R2) of the first bearing gap (11) and of the second bearing gap (12) with respect to a rotational axis (14) of the shaft (3) changes at least once over the maximum axial extent (x) of the bearing bushing (10).

No. of Pages : 23 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR PURIFYING CYCLIC LIPOPEPTIDE COMPOUNDS OR SALTS THEREOF :C07K1/14,C07K7/56 (71)Name of Applicant : (51) International classification 1)SHANGHAI TECHWELL BIOPHARMACEUTICAL (31) Priority Document No :201010297406.2 (32) Priority Date :29/09/2010 CO. LTD. (33) Name of priority country :China Address of Applicant :4258 Jindu Road Shanghai 201108 (86) International Application No :PCT/CN2011/080220 China Filing Date :27/09/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/041218 1)ZHANG Zhaoli (61) Patent of Addition to Application 2)LIU Shidong :NA Number **3)ZHUO Zhonghao** :NA Filing Date 4)JI Xiaoming (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A process for purifying cyclic lipopeptide compounds or salts thereof comprises the steps of: (1) charging a crude compound of formula I onto a macroporous adsorption resin; (2) washing the macroporous adsorption resin using water an organic solvent or a mixed solution of an organic solvent and water as a washing liquid; and (3) eluting the compound of formula I from the macroporous adsorption resin using water an organic solvent or a mixed solution of an organic solvent or a mixed solution of an organic solvent or a mixed solution of an organic solvent and water as an eluent. The purification method has the advantages of using a small quantity of organic solvents using no silica gel and causing little damage to the environment; the purity of the collected compound of formula I is also improved as compared with the methods previously disclosed.

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

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : UNTEMPERED STEEL FOR HOT CASTING HOT CASTED UNTEMPERED ARTICLE AND METHOD FOR PRODUCING SAME

(57) Abstract :

The present invention has as its object the provision of a non-quenched and tempered steel for hot 5 forging use which enables induction hardening and a hot forged non-quenched and tempered part and method of production of the same which control the structure inside a part by cooling after hot forging so as to suppress the drop in cuttability accompanying high strength and to 10 improve the fatigue strength. The present invention steel is characterized by comprising, by mass%, C: 0.45 to 0.60%, Si: 0.02 to 0.15%, Mn: 1.50 to 3.00%, P: 0.0002 to 0.150%, S: 0.001 to 0.200%, Cr: 0.02 to 1.00%, Al: 0.001 to 0.300%, V: 0.01 to 0.30%, Mo: 0.03 to 1.00%, and N: 15 0.0020 to 0.0070% and having a balance of Fe and ) unavoidable impurities. An induction hardenable hot forged non-quenched and tempered part which is comprised of the same steel composition, has a steel structure of an area ratio 95% or more bainite structure, and has Mo 20 carbonitrides dispersed in the steel and a method of production of the same.

No. of Pages : 21 No. of Claims : 4

(21) Application No.3516/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PHOSPHOR CONTAINING GLASS FRIT MATERIALS FOR LED LIGHTING APPLICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	) :PCT/US2011/056503 :17/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)CORNING INCORPORATED <ul> <li>Address of Applicant :1 Riverfront Plaza Corning New York</li> </ul> </li> <li>14831 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BORRELLI Nicholas F</li> <li>2)LAMBERSON Lisa A</li> <li>3)MORENA Robert M</li> <li>4)TRUTNA William R.</li> </ul> </li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The disclosure is directed to glass frits materials containing phosphors that can be used in LED lighting devices and for methods associated therewith for making the phosphor containing frit materials. Suitable non lead glasses have a composition in mol% in the range of 20 24% K20 8 12% ZnO 2 6% A1203 35 41% 3203 and 22 28 Si02. Suitable leaded glasses have a composition in mol% in range of 72 79% PbO 8 13% A1203 8 13% B203 2 5% Si02 and 0 0.3% Sb203. Commercial high lead glass can be used in practicing the disclosure. Among the unique advantages are the ability to blend two or more phosphors within the same frit layer which will yield a multi phosphor containing glass after firing; the ability to deposit the phosphor onto a substrate into a desired geometric pattern; and the fluorescing layer can be applied to the active plane with the glass serving as protective substrate.

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

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONTROL OF FLUID MIGRATION IN NON LATEX BONDED WET WIPES

(51) International classification	:D06M15/03,A61K8/73,D06M15/09	(71)Name of Applicant : 1)HERCULES INCORPORATED
(31) Priority Document No	:61/413595	Address of Applicant :500 Hercules Road Wilmington DE
(32) Priority Date	:15/11/2010	19808 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/US2011/060302 :11/11/2011	1)GOLDSTEIN Joel Erwin
No	:w0 2012/06/955	
(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 describes wet wipe composition with a liquid portion that is impregnated in a substrate wherein the liquid portion contains a thickening or gelling polymer along with a thickening or gelling agent which substantially reduces fluid migration of the liquid portion within a wet wipes stack during storage wherein the thickening or gelling agent is incorporated into the substrate through means of physical entanglement or thermal bonding.

No. of Pages : 14 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:A61B1/32	(71)Name of Applicant :
(31) Priority Document No	:61/387863	1)ALFRED E. MANN INSTITUTE FOR BIOMEDICAL
(32) Priority Date	:29/09/2010	ENGINEERING AT THE UNIVERSITY OF SOUTHERN
(33) Name of priority country	:U.S.A.	CALIFORNIA
(86) International Application No	:PCT/US2011/054064	Address of Applicant :1042 Downey Way Drb B21 Los
Filing Date	:29/09/2011	Angeles CA 90089 1112 U.S.A.
(87) International Publication No	:WO 2012/047725	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)HAHN Ricardo G.
Number	:NA :NA	2)NICHOLS Carrie
Filing Date	.NA	3)JONES Kelly
(62) Divisional to Application Number	:NA	4)DESHPANDE Sudeep
Filing Date	:NA	5)NADERSHAHI Afshin

#### (54) Title of the invention : MINIMALLY OBSTRUCTIVE RETRACTOR

(57) Abstract :

This application presents minimally obstructive and structurally adjustable retractors which afford an open work area of desirable size and enhanced visualization for a surgeon about the perineum and the posterior vaginal wall of the patient. The retractors may be lightweight and compact and also configured and dimensioned to minimize slippage during use. The retractors may retract the engorged labia of the postpartum patient as well as the vaginal walls. The device may also be used as a speculum.

No. of Pages : 39 No. of Claims : 14

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ORAL CARE PRODUCT AND METHODS OF USE AND MANUFACTURE THEREOF

	:A61K8/03,A61K8/34,A61K8/36	
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	:PCT/US2010/056514	(72)Name of Inventor :
No		1)LEWUS Catherine
Filing Date	:12/11/2010	2)SZEWCZYK Gregory
(87) International Publication N	o:WO 2012/064339	3)MELLO Sarita
(61) Patent of Addition to	:NA	4)SMITH WEBSTER Kimdra
Application Number		5)NESTA Jason
Filing Date	:NA	6)DILLON Rensl
(62) Divisional to Application	NT A	7)ARVANITIDOU Evangelia S.
Number	:NA	8)CUIULE Christine
Filing Date	:NA	

(57) Abstract :

This invention relates to a dual phase mouthwash comprising a hydrophilic phase a hydrophobic phase and a hydrotrope wherein the hydrophilic phase comprises an effective amount of a preservative selected from methylisothiazolinone sodium benzoate potassium sorbate and combinations thereof as well as to methods of using and of making such compositions.

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

(19) INDIA

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

#### (43) Publication Date : 14/11/2014

(51) International classification	:F04B27/08,F04B39/00	(71)Name of Applicant :
(31) Priority Document No	:2010269650	1)TAIHO KOGYO Co. Ltd.
(32) Priority Date	:02/12/2010	Address of Applicant :65 Midorigaoka 3 chome Toyota shi
(33) Name of priority country	:Japan	Aichi 4718502 Japan
(86) International Application No	:PCT/JP2011/077964	(72)Name of Inventor :
Filing Date	:02/12/2011	1)NOMURA Satoshi
(87) International Publication No	:WO 2012/074107	2)AKIZUKI Masanori
(61) Patent of Addition to Application	:NA	3)KANEMITSU Hiroshi
Number	:NA :NA	
Filing Date	:INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : SWASH PLATE FOR SWASH PLATE COMPRESSOR

(57) Abstract :

A resin-based coating layer on a swash plate of a swash-plate type compressor, particularly, a variable-displacement swash-plate type compressor should have wear resistance and low-friction property altogether. [Means for Solution] A swash plate (60) of a swash plate-type compressor is covered with a resin-based coating layer (112). The coating layer contains 5 to 60 mass% of spherical graphite particles (115b) having an average particle diameter of 5 to 50 nm, the balance being one or more species selected from polyimide resin and polyamide-imide resin. The spherical graphite particles (115b), excepting minute particles having a particle diameter 0.5 times or smaller the average particle diameter, have an average shape coefficient (YAVE), as defined below, falling within a range of 1 to 4, and further 70% or more in number of the spherical graphite particles have a shape coefficient (Y), as defined below, within a range of 1 to 1.5, YAVE = total [  $\{PMi2/4 n Ai\}$  ]/i Y = PM2/4tA wherein, total indicates that a value in [] is totalized for number i, PM indicates the circumferential length of one particle, A indicates a cross sectional area of one particle, and i indicates the measurement number.

No. of Pages : 29 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:12/910561 :22/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)McCONWAY &amp; TORLEY LLC Address of Applicant :2525 Stemmons Freeway Dallas Texas</li> <li>75207 2401 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GAGLIARDINO Joseph L.</li> </ul>
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:WO 2012/054421 :NA :NA :NA :NA	

#### (54) Title of the invention : ROTARY COUPLER FOR A RAILWAY CAR

(57) Abstract :

A railcar coupler system that includes a yoke (220) comprising a front end (226) a rear end (224) a top strap (221) and a bottom strap (223). The top strap and the bottom strap are positioned between the front end and the rear end. The front end comprises an internal bearing surface (264) that is obliquely angled with respect to a central axis of the yoke that extends from the front end to the rear end of the yoke. The system also includes a connector (230) configured to rotate within the yoke such that an axis of rotation of the connector is substantially aligned with the central axis of the yoke when the connector is positioned within the yoke. The connector includes an external bearing surface (262) that is obliquely angled with respect to the axis of rotation of the connector and configured to correspond to the internal bearing surface of the yoke.

No. of Pages : 15 No. of Claims : 18

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PREPARATION OF FOAM MATERIALS DERIVED FROM RENEWABLE RESOURCES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority</li></ul>	:C08J9/28,C09D133/04,C09D133/08 :12/913090 :27/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)THE PROCTER &amp; GAMBLE COMPANY Address of Applicant :One Procter &amp; Gamble Plaza Cincinnati Ohio 45202 U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
country	:U.S.A.	1)DYER John Collins
(86) International Application No Filing Date	:PCT/US2011/056980 :20/10/2011	
(87) International Publication No	:WO 2012/058081	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Monomers and crosslinkers derived from renewable resources that can be used to produce flexible microporous open celled polymeric foam materials having physical characteristics making them suitable for a variety of uses are disclosed. Monomer compositions derived from renewable resources and having short curing times for preparing foam materials from high internal phase emulsions are also disclosed.

No. of Pages : 51 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :05/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : TISSUE PAPER SYSTEMS

#### (57) Abstract :

A package comprising a stack of tissue paper sheets wherein the package comprises at least one line of weakness (8) that has an unbroken configuration and a broken configuration and wherein the package is configured to be able to be flexed to pull apart the Sine of weakness when the line of weakness is in the broken configuration to open the package to allow a tissue paper sheet in the stack to be withdrawn through the open package.

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

(21) Application No.3031/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H04N7/32 :2010231591 :14/10/2010 :Japan :PCT/JP2011/072953 :05/10/2011 :WO 2012/050021	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION <ul> <li>Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> </ul> </li> <li>Japan <ul> <li>(72)Name of Inventor :</li> <li>1)SATO Kazushi</li> </ul> </li> </ul>
e	:WO 2012/050021	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(57) Abstract :

This disclosure relates to an image processing device and method for reducing the load of image encoding, and a program. This technique involves: a filter control 5 unit that controls an adaptive filtering operation to be performed on image data, in accordance with whether the image data is to be referred to by other image data; and a filtering operation unit that performs the adaptive filtering operation on the image data under the control 10 of the filter control unit in a motion compensation loop. This technique can be applied to an image processing device, for example.

No. of Pages : 140 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ENDPOINT TAQMAN METHODS FOR DETERMINING ZYGOSITY OF COTTON COMPRISING CRY1AC EVENT 3006 210 23

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> <li>Eiling Date</li> </ul>	:61/390860 :07/10/2010 :U.S.A. :PCT/US2011/055143 :06/10/2011 :WO 2012/048136 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BRENNAN Carolyn</li> <li>2)MARCHIONE Wesley</li> </ul>
Filing Date	:NA :NA	

(57) Abstract :

A method for zygosity analysis of the cotton Cry 1 Ac event 3006 210 23 is provided. The method provides 3006 210 23 event specific and cotton genome specific primers and TaqMan probe combinations for use in an endpoint biplex TaqMan PCR assay capable of determining event zygosity and for assisting in event introgression and breeding.

No. of Pages : 46 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/12/2009

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul>	:C07K 14/325 :NA : - : :PCT/US2004/005829 :20/02/2004 : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ATHENIX CORPORATION <ul> <li>Address of Applicant :2202 Ellis Road Suite B Durham NC</li> </ul> </li> <li>27703 United States of America</li> <li>(72)Name of Inventor : <ul> <li>1)CAROZZI Nadine</li> <li>2)HARGISS Tracy</li> <li>3)KOZIEL Michael G.</li> <li>4)DUCK Nicholas B.</li> <li>5)CARR Brian</li> </ul> </li> </ul>
Number Filing Date		4)DUCK Nicholas B. 5)CARR Brian
(62) Divisional to Application Number Filed on	:3665/DELNP/2005 :18/08/2005	

#### (54) Title of the invention : DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. Compositions comprising a coding sequence for a delta-endotoxin and delta-endotoxin-associated polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin and delta-endotoxin- associated nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequences shown in in SEQ ID NOS:3, 5, 7, 9, 11, 14, 16, 18, 20, 22, 24, 27, and 29, and the nucleotide sequences set forth in SEQ ID NOS:1, 2, 4, 6, 8, 10, 12, 13, 15, 17, 19, 21, 23, 25, 26, and 28, as well as variants and fragments thereof.

No. of Pages : 83 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/12/2009

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C07K 14/325 :NA : - : :PCT/US2004/005829 :20/02/2004 : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ATHENIX CORPORATION <ul> <li>Address of Applicant :2202 Ellis Road Suite B Durham NC</li> </ul> </li> <li>27703 United States of America U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)CAROZZI Nadine</li> <li>2)HARGISS Tracy</li> <li>3)KOZIEL Michael G.</li> <li>4)DUCK Nicholas B.</li> </ul> </li> </ul>
		· ·
(62) Divisional to Application Number Filed on	:3665/DELNP/2005 :18/08/2005	

#### (54) Title of the invention : DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. Compositions comprising a coding sequence for a delta-endotoxin and delta-endotoxin-associated polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin and delta-endotoxin- associated nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequences shown in in SEQ ID NOS:3, 5, 7, 9, 11, 14, 16, 18, 20, 22, 24, 27, and 29, and the nucleotide sequences set forth in SEQ ID NOS:1, 2, 4, 6, 8, 10, 12, 13, 15, 17, 19, 21, 23, 25, 26, and 28, as well as variants and fragments thereof.

No. of Pages : 83 No. of Claims : 11

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : NANOSTRUCTURED GELS CAPABLE OF CONTROLLED RELEASE OF ENCAPSULATED AGENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:61/386268 :24/09/2010 :U.S.A. :PCT/US2011/053075 :23/09/2011	<ol> <li>1)THE BRIGHAM AND WOMENS HOSPITAL INC. Address of Applicant :75 Francis Street Boston Massachusetts</li> <li>02115 U.S.A.</li> <li>2)MASSACHUSETTS INSTITUTE OF TECHNOLOGY</li> <li>(72)Name of Inventor :         <ol> <li>1)KARP Jeffrey M.</li> <li>2)VEMULA Praveen Kumar</li> <li>3)CAMPBELL Nathaniel R.</li> <li>4)SYED Abdullah M.</li> <li>5)ZHANG Sufeng</li> <li>6)FAROKHZAD Omid C.</li> </ol> </li> </ol>
(62) Divisional to Application Number Filing Date	:NA :NA	6)FAROKHZAD Omid C. 7)LANGER Robert S.

(57) Abstract :

Self assembled gel compositions including a gelator e.g. an enzyme cleavable gelator e.g. having a molecular weight of 2500 or less are described. The self assembled gel compositions can encapsulate one or more agents. Methods of making the self assembled gel compositions and methods of drug delivery using the self assembled gel compositions are also described.

No. of Pages : 72 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:PCT/IB2010/002365 :20/09/2010 :PCT	<ul> <li>(71)Name of Applicant :</li> <li>1)BOMBARDIER TRANSPORTATION GMBH Address of Applicant :Schneberger Ufer 1 10785 Berlin Germany</li> <li>(72)Name of Inventor :</li> <li>1)PROCKAT Jan</li> <li>2)ONEILL Conor</li> <li>3)CARRUTHERS Joseph</li> <li>4)ROBINSON Mark</li> </ul>
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### (54) Title of the invention : LIGHTWEIGHT COMPOUND CAB STRUCTURE FOR A RAIL VEHICLE

(57) Abstract :

An integrated self supporting and deformation resistant modular driver s cabin structure for mounting to the front end of a rail vehicle body and for providing a driver space and a windshield opening is composed of a composite sandwich structure with a single common continuous outer skin layer a single common continuous inner skin layer and an internal structure wholly covered with and bonded to the inner and outer skin layers the internal structure comprising a plurality of core elements. The driver s cabin structure comprises at least: side pillars each having a lower end and an upper end and an undercarriage structure at the lower end of each of the

comprises at least: side pillars each having a lower end and an upper end and an undercarriage structure at the lower end of each of the side pillars. The fibre reinforced sandwich located in the side pillars is provided with several layers of fibres oriented to provide a high bending stiffness. The fibre reinforced sandwich of the undercarriage structure is such as to transfer static and crash loads without flexural buckling.

No. of Pages : 23 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD FOR PURIFYING CYCLIC LIPOPEPTIDE OR SALT THEREOF

(51) International classification	n:C12P21/02,C07K7/06,A61K38/12	(71)Name of Applicant :
(31) Priority Document No	:201010298554.6	1)SHANGHAI TECHWELL BIOPHARMACEUTICAL
(32) Priority Date	:30/09/2010	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :4258 Jindu Road Shanghai 201108
(86) International Application	:PCT/CN2011/080227	China
No	:27/09/2011	(72)Name of Inventor :
Filing Date	.27/09/2011	1)ZHANG Zhaoli
(87) International Publication	:WO 2012/041220	2)LIU Shidong
No		3)ZHUO Zhonghao
(61) Patent of Addition to	:NA	4)JI Xiaoming
Application Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.1 \/ 1	

### (57) Abstract :

A method for purifying a cyclic lipopeptide or a salt thereof is provided. The method comprises the steps: (1) extracting a fermentation broth containing a compound of formula I or a salt thereof with an organic solvent to obtain an extract 1 after filtration or centrifugation; (2) diluting or concentrating the extract 1 under vacuum to decrease the content of the organic solvent to obtain an extract 2; (3) loading the extract 2 onto a macroporous adsorption resin; (4) washing the macroporous adsorption resin with water an organic solvent or a mixture of water and an organic solvent as a washing solution; and (5) eluting the compound of formula I off from the macroporous adsorption resin with the water an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent or a mixture of water and an organic solvent as an eluant. Compared with the prior art the purification method has the advantages that fewer organic solvent is used no silica gel is used the harm to the environment is less and the purity of the collected compound of formula I is improved.

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

(54) Title of the invention : RESIDUAL CURRENT OPERATED DEVICE

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H01H83/14,H02H3/33	(71)Name of Applicant :
(31) Priority Document No	:A 1620/2010	1)EATON INDUSTRIES (AUSTRIA) GMBH
(32) Priority Date	:28/09/2010	Address of Applicant : Eugenia 1 A 3943 Schrems Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/AT2011/000372	1)DOBUSCH Gerhard
Filing Date	:13/09/2011	2)KOLM Roman
(87) International Publication No	:WO 2012/040750	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a residual current operated device (1) the invention proposes for the purpose of functional checking without interrupting the downstream electrical system and also for the purpose of achieving a compact design that the residual current operated device (1) has two separate tripping circuits wherein a first tripping circuit is independent of the system voltage and wherein a second tripping circuit is dependent on the system voltage and wherein while the functioning of one of the tripping circuits is being checked the other tripping circuit monitors the electrical system which is to be protected for fault currents.

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

(19) INDIA

(22) Date of filing of Application :26/04/2013

# (54) Title of the invention : METHOD AND DEVICE FOR BROADCAST POSITIONING SIGNAL GENERATION METHOD AND DEVICE FOR POSITIONING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04L27/26,H04B7/26 :201010517356.4 :18/10/2010 :China :PCT/CN2011/075458 :08/06/2011 :WO 2012/051860 :NA :NA :NA	Posts and Telecommunications Xitucheng Road No. 10 Haidian District Beijing 100876 China 2)BEIJING SHOUKEXINTONG SCIENCE & TECHNOLOGY CO. LTD. (72)Name of Inventor : 1)DENG Zhongliang 2)LV Ziping 3)SHI Huli 4)GUAN Weiguo
<ul><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA	5)YU Yanpei 6)LI Hemin 7)LAI Qifeng 8)DENG Yaoyu 9)LIU Wen

### (57) Abstract :

The present invention discloses a method and a device for broadcast positioning signal generation and a method and a device for positioning. The present invention belongs to a technical field of mobile broadcast television. The method for broadcast positioning signal generation includes: receiving a data stream performing forward error correction coding and an OFDM modulation on the data stream generating an OFDM signal and generating a first spread spectrum code (101); performing spread spectrum modulation on preset message bit information according to the first spread spectrum code and generating a spread spectrum modulation signal (102); and inserting one or more spread spectrum modulation signals and one or more first spread spectrum codes between a transmission identification signal and a first synchronization signal of each time slot of the OFDM signal generating a broadcast positioning signal (103). In the present invention the broadcast positioning signal is generated by inserting the spread spectrum signal and the first spread spectrum code in the OFDM signal and the positioning of the receiving end is carried out according to the broadcast positioning signals of at least three different sending ends.

No. of Pages : 29 No. of Claims : 10

(54) Title of the invention : PROCESS FOR MAKING SYNTHETIC NATURAL GAS

(21) Application No.3571/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(23) Name of priority country</li> </ul>	:C10L3/08,C10L3/10 :61/415512 :19/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)PRAXAIR TECHNOLOGY INC.</li> <li>Address of Applicant :39 Old Ridgebury Road Danbury CT</li> </ul>
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:U.S.A. :PCT/US2011/057205 :21/10/2011 :WO 2012/067754	06810 U.S.A. (72)Name of Inventor : 1)DRNEVICH Raymond Francis
(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 generally to a gasification process and system for making synthetic natural gas using low purity oxygen. A portion of the cleaned syngas is shifted to a H/CO ratio of at least 30/1 before being remixed with the other portion of the syngas to make a syngas stream having a HCO ratio of 1 or less. The final syngas stream is feed to the methanation unit to produce synthetic natural gas.

No. of Pages : 20 No. of Claims : 15

### (19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CROSSFLOW TYPE FILTERING OPERATION METHOD USING CERAMIC FILTER

(51) International classification	:C07C51/43,B01D29/25,B01D29/37	(71)Name of Applicant : 1)MITSUBISHI GAS CHEMICAL COMPANY INC.
(31) Priority Document No	:2010239665	Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku
(32) Priority Date	:26/10/2010	Tokyo 1008324 Japan
(33) Name of priority country	/:Japan	(72)Name of Inventor :
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	<sup>1</sup> :PCT/JP2011/074573 :25/10/2011	1)ZAIMA Fumiya
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a simple filtering operation method capable of carrying out a filtering operation with a ceramic filter over extended periods of time without clogging in the operation of crossflow type filtering using a ceramic filter of terephthalic acid fine crystals in an oxidation reaction mother liquor during a process of terephthalic acid production. The present invention makes this possible by a fine crystal filtering operation and a backwash operation by a filtrate while maintaining a distribution circulation operation of the oxidation reaction mother liquor under certain conditions.

No. of Pages : 55 No. of Claims : 8

### (19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CROSSFLOW TYPE FILTERING OPERATION METHOD USING CERAMIC FILTER

<ul> <li>classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> </ul>	:PCT/JP2011/074572 :25/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan</li> <li>2)TOYOBO CO.LTD.</li> <li>3)MIZUSHIMA AROMA COMPANY LTD.</li> <li>(72)Name of Inventor :</li> <li>1)ZAIMA Fumiya</li> <li>2)HOSHISHIMA Nirou</li> <li>3)UOZUMI Kazutoshi</li> <li>4)FUJITA Hideaki</li> </ul>
Application Number	:NA :NA	

(57) Abstract :

Provided is a simple filtering operation method capable of carrying out a filtering operation with a ceramic filter over extended periods of time without clogging in the operation of crossflow type filtering using a ceramic filter of terephthalic acid fine crystals in an oxidation reaction mother liquor during a process of terephthalic acid production. The present invention makes this possible by a fine crystal filtering operation and a backwash operation by a filtrate while maintaining a distribution circulation operation of the oxidation reaction mother liquor under certain conditions.

No. of Pages : 54 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :29/01/2010

(43) Publication Date : 14/11/2014

(51) International classification	:B65D 51/24	(71)Name of Applicant :
(31) Priority Document No	:07113772.3	1)NESTEC S.A.
(32) Priority Date	:03/08/2007	Address of Applicant : AVENUE NESTLE 55, CH-1800
(33) Name of priority country	:EPO	VEVEY, SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2008/058789	(72)Name of Inventor :
Filing Date	:07/07/2008	1)HENTZEL, STEPHANE
(87) International Publication No	:WO 2009/019097	
(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 : A CONTAINER WITH AUDIBLE FRESHNESS LOCKING SYSTEM

(57) Abstract :

The present invention concerns a container comprising a container body with bottom and side walls and a container opening, and a container closure (1), said body and closure comprising corresponding screw threads (3) to allow releasable attachment of the closure onto the body in order to open/close the container opening, characterized in that the container body comprises at least one cam-like means (4) located on the external surface of the container body walls, aAnd the closure comprises at least one engagement means (5) corresponding to the cam-like means of the container body, said engagement means being located at the internal surface of the closure walls, so positioned that during the screwing operation of said closure onto said container body, said cam-like and engagement means cooperate in a audible manner at the time said closure is sufficiently engaged onto the body to ensure gas and/or liquid tightness of the closed container.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : ALPHA 7 NICOTINIC RECEPTOR MODULATORS FOR THE TREATMENT OF PAIN A PSYCHOTIC DISORDER COGNITIVE IMPAIRMENT OR ALZHEIMER S DISEASE

Application Number     :NA       Filing Date     :NA       (62) Divisional to     :NA       Application Number     :NA       Filing Date     :NA	Publication No (61) Patent of Addition to Application Number :NA	(86) International Application No Filing Date:PCT/EP2011/068807 :26/10/20112)LIGHTFOOT Andrew 3)ROOMANS Susan(87) InternationalWO 2012/055042	(33) Name of priority country :U.S.A. (72)Name of Inventor : 1)DEAN David	<ul> <li>(33) Name of priority</li> <li>(34) U.S.A.</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(39) International</li> <li>(30) International</li> <li>(30) International</li> <li>(30) International</li> <li>(31) International</li> <li>(31) International</li> <li>(32) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(39) International</li> <li>(30) International</li> <li>(31) International</li> <li>(31) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(38) International</li> <li>(39) International</li> <li>(31) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(36) International</li> <li>(36) International</li> <li>(37) Inter</li></ul>	8 Farringdon Road
<ul> <li>(33) Name of priority</li> <li>(34) U.S.A.</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(39) International</li> <li>(30) International</li> <li>(31) International</li> <li>(31) International</li> <li>(32) International</li> <li>(31) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(38) International</li> <li>(39) International</li> <li>(39) International</li> <li>(31) International</li> <li>(31) International</li> <li>(32) International</li> <li>(33) International</li> <li>(34) International</li> <li>(34) International</li> <li>(35) International</li> <li>(36) International</li> <li>(37) International</li> <li>(38) International</li> <li>(38) International</li> <li>(39) International</li> <li>(39) International</li> <li>(39) International</li> <li>(31) International</li> <li>(31) Internat</li></ul>	<ul> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(33) Name of priority</li> <li>(34) Supervised and the second second</li></ul>	(33) Name of priority (72) Name of Inventor :		classification :C0/D40//14,C0/D413/14,A01P25/00 1)PROXIMAGEN Limited	B Farringdon Road

(57) Abstract :

Compounds are disclosed which modulate the a7 nicotinic acetyl choline receptor (nAChR) having the formula (I) wherein the variables are as specified in the description and claims.

No. of Pages : 81 No. of Claims : 22

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

(43) Publication Date : 14/11/2014

(51) International classification	:B07B1/46	(71)Name of Applicant :
(31) Priority Document No	:10188518.4	1)METSO MINERALS (SWEDEN) AB
(32) Priority Date	:22/10/2010	Address of Applicant :P.O. Box 132 S 231 22 Trelleborg
(33) Name of priority country	:EPO	Sweden
(86) International Application No	:PCT/EP2011/068482	(72)Name of Inventor :
Filing Date	:21/10/2011	1)BYGRAVE Mike
(87) International Publication No	:WO 2012/052558	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : ADAPTER FOR SCREEN ELEMENTS

(57) Abstract :

An attachment device for attaching screen elements to a frame (2) of a screening apparatus comprises a frame attachment portion (3) for attachment to the screen frame (2) and a screen attachment portion (6) for attachment of the screen elements. The frame attachment portion (3) comprises a first frame attachment section (4) and a second frame attachment section (5) each frame attachment section (4 5) being arranged to be attached to a first frame section (2a) and a second frame section (2b) respectively. The frame sections (2a 2b) form between them a frame angle (a) of less than  $180^{\circ}$ . The screen attachment portion (6) is curved such that screen elements attached to the screen attachment portion form a screen surface on which the frame angle (a) corresponds to two or more screen angles () of less than  $180^{\circ}$  and larger than the frame angle (a). Alternatively the screen surface may have a circular arc shape. A screening apparatus is also disclosed.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : LIGHT EMITTING APPARATUS AND METHOD OF MANUFACTURING LIGHT EMITTING APPARATUS

(51) International classification	:H01L33/48	(71)Name of Applicant :
(31) Priority Document No	:2010221750	1)NICHIA CORPORATION
(32) Priority Date	:30/09/2010	Address of Applicant :491 100 Oka Kaminaka cho Anan shi
(33) Name of priority country	:Japan	Tokushima 7748601 Japan
(86) International Application No	:PCT/JP2011/060823	(72)Name of Inventor :
Filing Date	:11/05/2011	1)SASANO Haruaki
(87) International Publication No	:WO 2012/042962	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

### (57) Abstract :

Provided is a light emitting apparatus (100) wherein a plurality of light emitting elements (2) that emit the same type of color are arranged in a plurality of row directions and column directions the plurality of light emitting elements (2) arranged in the row direction are connected in series in the row direction and the rows having the plurality of light emitting elements (2) connected in series are connected in parallel. The plurality of light emitting elements (2) comprise first light emitting elements (21) and second light emitting elements (22) having smaller outputs than the first light emitting elements (21) and the first light emitting elements (21) and the second light emitting elements (22) are arranged alternately in each of the row directions.

No. of Pages : 69 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:F25B15/00,F25B15/04 :2010/06942 :29/09/2010 :South Africa :PCT/IB2011/054291	<ul> <li>(71)Name of Applicant :</li> <li>1)SUNENGEN LIMITED Address of Applicant :28a Clyde Lane Dublin 4 Ireland</li> <li>2)VAN DER WALT Louis Stephanus</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:29/09/2011	1)COLES Peter David
(87) International Publication No	:WO 2012/042496	
(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 : VAPOUR ABSORPTION REFRIGERATION

(57) Abstract :

Vapour absorption refrigeration is carried out by condensing in a condensing stage (98) a refrigerant in vapour form to obtain condensed refrigerant being passed into an expansion/evaporation stage (16) in which it is subjected to heat transfer with a higher temperature medium (29) such that at least some of the refrigerant evaporates. Vapourised refrigerant passes from the evaporation stage into an absorption stage (30) in which some of it is absorbed at a first pressure into an absorbent thereby to obtain partially refrigerant enriched absorbent. This absorbent is contacted in a compression absorption stage (58) at a second pressure greater than the first pressure with vapourised refrigerant rendering refrigerant enriched absorbent which is passed from the compression absorption stage into a refrigerant regeneration stage (62) in which refrigerant in vapour form is recovered rendering refrigerant depleted absorbent. The recovered refrigerant is recycled to the condensing stage and the refrigerant depleted absorbent to the absorption stage where it constitutes the absorbent.

No. of Pages : 68 No. of Claims : 20

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : ACETOACETATE FUNCTIONAL MONOMERS AND THEIR USES IN COATING COMPOSITIONS

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07C69/72,C08F2/24,C08F220/28 :12/968849 :15/12/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)EASTMAN CHEMICAL COMPANY Address of Applicant :200 South Wilcox Drive Kingsport TN 37660 U.S.A.</li> </ul>
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/062295 :29/11/2011	1)MADDOX John Thorton 2)MARSH Stacey James
(87) International Publication No	:WO 2012/082348	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Acetoacetate functional monomers are disclosed that correspond to the following formula 1: in which R is hydrogen or a methylgroup; X is a branched alkyl or a branched cyclic alkyl having from 5 to 8 carbon atoms; and Y1 and Y2 are independently hydrogen or methyl. Also disclosed are emulsion suspension and solution polymers comprising residues from the acetoacetate functional monomer of formula 1 and one or more additional ethylenically unsaturated monomers. Self curing coating compositions are likewise disclosed that comprise the acetoacetate functional monomer of formula 1 and optionally one or more additional ethylenically unsaturated monomers. Latex formulations are also disclosed that comprise a polymer having residues from the acetoacetate functional monomer of formula 1 dispersed in an evaporable aqueous carrier.

No. of Pages : 33 No. of Claims : 12

### (12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : GRAPHENE COATED DIAMOND PARTICLES COMPOSITIONS AND INTERMEDIATE STRUCTURES COMPRISING SAME AND METHODS OF FORMING GRAPHENE COATED DIAMOND PARTICLES AND POLYCRYSTALLINE COMPACTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:E21B10/54,B24D3/00,B22F1/02 :61/408382 :29/10/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 4740 U.S.A.</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:PCT/US2011/058057 :27/10/2011 :WO 2012/058410 :NA	<ul> <li>(72)Name of Inventor :</li> <li>(72)Name of Inventor :</li> <li>1)CHAKRABORTY Soma</li> <li>2)DIGIOVANNI Anthony A.</li> <li>3)AGRAWAL Gaurav</li> <li>4)SCOTT Danny E.</li> <li>5)MATHUR Vipul</li> </ul>
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

### (57) Abstract :

Coated diamond particles have solid diamond cores and at least one graphene layer. Methods include coating diamond particles with a charged species and coating the diamond particles with a graphene layer. A composition includes a substance and a plurality of coated diamond particles dispersed within the substance. Each coated diamond particle has a diamond core and at least one graphene layer formed over at least a portion of the diamond core.

No. of Pages : 32 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :23/04/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : EXCIMER LIGHT SOURCE		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)NEO TECH AQUA SOLUTIONS INC. Address of Applicant :5893 Oberlin Drive Suite 104 San Diego CA 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)COOPER James Randall</li> <li>2)CHAFFEE Ronald W.</li> </ul>

(57) Abstract :

A light source with electrodes of alternating polarity attached to a substrate in an excimer ultraviolet (UV) lamp for generating a plasma discharge between each of the electrodes. The shape of the substrate can shape and control the plasma discharge to reduce exposure of materials susceptible to attack by the halogens. The electrodes can be located such that the plasma discharge occurs in a region where it produces less contact of the halogens with the vulnerable areas of the lamp enclosure. The materials such as the electrodes substrate and envelope can be selected to withstand corrosive materials. In another embodiment a plurality of sealed tubes at least some of which contain an excimer gas are positioned between two electrodes.

No. of Pages : 22 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A47C1/02	(71)Name of Applicant :
(31) Priority Document No	:12/903191	1)HERMAN MILLER INC.
(32) Priority Date	:12/10/2010	Address of Applicant :855 East Main Avenue Zeeland MI
(33) Name of priority country	:U.S.A.	49464 U.S.A.
(86) International Application No	:PCT/US2011/055607	(72)Name of Inventor :
Filing Date	:10/10/2011	1)GOETZ Mark W.
(87) International Publication No	:WO 2012/051112	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (54) Title of the invention : ERGONOMIC ADJUSTABLE CHAIR MECHANISMS

(57) Abstract :

Seating mechanisms enable the user to vary the seating angle of a chair or stool by enabling at least the portion of the chair that supports the thighs to be tilted forwardly to controllably increase the seating angle while maintaining the spine and pelvic region in vertical alignment. The extent of forward tilt is controlled by pressure applied by the user s thighs that also serves to counterbalance the weight of the user s torso.

No. of Pages : 33 No. of Claims : 14

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SURFACE SIZING COMPOSITION FOR PRINT MEDIA IN DIGITAL PRINTING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> </ul> </li> </ul>	:NA :NA :PCT/US2010/057095 :17/11/2010 :WO 2012/067615	<ul> <li>(71)Name of Applicant :</li> <li>1)HEWLETT PACKARD DEVELOPMENT COMPANY</li> <li>L.P. Address of Applicant :11445 Compaq Center Drive W.</li> <li>Houston Texas 77070 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ZHOU Xiaoqi</li> <li>2)WINGKONO Gracy Apprisiani</li> <li>3)EDMONDSON David</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A size press (SP) surface sizing composition provides a SP surface sizing (120) for a print medium (100) that is used in a digital printing system (200). The surface sizing composition includes an aqueous mixture including a macromolecular material in an amount from about 25% to about 75% dry weight; an inorganic metallic salt in an amount from about 3% to about 20% dry weight; and an amount of inorganic pigment ranging from at least 16% to about 60% dry weight such that a total dry weight equals about 100%.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A METHOD AND APPARATUS FOR GENERATINF RANDOM HOPPING PATTERNS FOR A PLURALITY OF HOP PORTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H04B1/713 :60/638469 :22/12/2004 :U.S.A. :PCT/US05/046743 :22/12/2005	
(86) International Application No Filing Date	:PCT/US05/046743 :22/12/2005	(72)Name of Inventor : 1)RAVI PALANKI
(87) International Publication No	:WO 2006/069301	2)AAMOD KHANDEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:5164/DELNP/2007	
Filed on	:04/07/2007	

(57) Abstract :

A method for generating random hopping patterns for a plurality of hop ports, comprising: swapping each pair of hop port entities at a lower layer if at least a first condition is met, thereby generating a higher layer of hop port entities; swapping each pair of hop port entities at the higher layer if at least a second condition is met; and repeating the previous acts, thereby generating a random hopping pattern.

No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/04/2013

### (43) Publication Date : 14/11/2014

(54) Title of the invention : OPHTHALMIC COMPOSITIONS			
(51) International classification	:A61K31/33,A61P27/02	(71)Name of Applicant :	
(31) Priority Document No	:12/915548	1)JOHNSON & JOHNSON VISION CARE INC.	
(32) Priority Date	:29/10/2010	Address of Applicant :7500 Centurion Parkway Jacksonville	
(33) Name of priority country	:U.S.A.	FL 32256 U.S.A.	
(86) International Application No	:PCT/US2011/057710	(72)Name of Inventor :	
Filing Date	:25/10/2011	1)MOLOCK Frank F. Jr.	
(87) International Publication No	:WO 2012/058224	2)HEATON John C.	
(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 compositions that may alleviate symptoms of ocular stress as well as methods of their

production use and storage compositions. The compositions comprise at least one ocular epithelial cell associating group and at least one hydrophilic group. In one embodiment the at least one ocular epithelial cell associating group and at least one hydrophilic group are substituents on a conjugated polyaromatic core. The compositions may be used in ophthalmic compositions and ophthalmic devices.

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

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:61/413869 :15/11/2010 :U.S.A. :PCT/US2011/060879 :15/11/2011 :WO 2012/068178 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE BOARD OF TRUSTEES OF THE UNIVERSITY</li> <li>OF ALABAMA FOR AND ON BEHALF OF THE</li> <li>UNIVERSITY OF ALABAMA</li> <li>Address of Applicant :222 Rose Administration Box 870106</li> <li>Tuscaloosa AL 35487 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HONG Yang ki</li> <li>2)BAE Seok</li> </ul>
Filing Date (57) Abstract :	:NA	

(54) Title of the invention : MAGNETIC EXCHANGE COUPLED CORE SHELL NANOMAGNETS

A permanent magnet (12) is fabricated such that it has a magnetically hard core (14) surrounded by a thin magnetic ally soft shell (15). The magnetically hard core provides a relatively high intrinsic coercivity (H i), and the magnetically soft shell provides a relatively high magnetic flux density (B). Due to magnetic exchange coupling between the core and shell, a relatively high maximum energy product (5H)m is achievable over a wide temperature range, including temperatures above 150 °C. Further, such effects can be achieved without using rare-earth metals or precious metals helping to keep the manufacturing costs of the mag - net low. To allow sufficient exchange magnetic coupling between the core and shell, the width of the shell is less than about 40 nanometers, and the overall dimensions are controlled such that the width of the shell is less than two times the Bloch domain wall S thickness of the core.

No. of Pages : 21 No. of Claims : 3

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : LC MS CONFIGURATION FOR PURIFICATION AND DETECTION OF ANALYTES HAVING A BROAD RANGE OF HYDROPHOBICITIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	<sup>1</sup> :PCT/US2011/058430 :28/10/2011 :WO 2012/058619 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COHESIVE TECHNOLOGIES INC. Address of Applicant :101 Constitution Boulevard Franklin MA 02038 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HERMAN Joseph L.</li> <li>2)DEWITTE Robert</li> <li>3)ARGOTI Dayana</li> </ul>
Filing Date	:NA	

### (57) Abstract :

Systems apparatuses kits and methods for purification and analysis of analytes having a broad range of hydrophobicities by liquid chromatography mass spectrometry (LC MS). Using one set of liquid chromatography columns one set of mobile phase buffers and optionally a single ionization method (e.g. electrospray ionization) a wide range of analytes can be purified and analyzed on a liquid chromatography mass spectrometry (LC MS) system. LC MS purification and analysis of analytes having a broad range of partition coefficients is accomplished by selecting LC run parameters and MS system parameters that are particular to different classes of analytes without having to make column or buffer changes or any other hardware configuration changes to the LC MS system. The methods systems and kits described herein provide for substantially increased speed/throughput and ease of use for a wide range analytes with essentially no compromise in specificity for individual analytes relative to previously described methods.

No. of Pages : 77 No. of Claims : 49

### (19) INDIA

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

### (43) Publication Date : 14/11/2014

(54) Title of the invention : ADJUSTMENT MECHANISM		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B60R1/074 :2005468 :06/10/2010 :Netherlands :PCT/NL2011/050681 :06/10/2011 :WO 2012/047104 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MCI (MIRROR CONTROLS INTERNATIONAL)</li> <li>NETHERLANDS B.V. Address of Applicant :Pompmolenlaan 29 NL 3447 GK</li> <li>Woerden Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)VAN STIPHOUT Paulus Gerardus Maria</li> <li>2)HAMMING Peter Alexander</li> </ul>

(57) Abstract :

The invention relates to an adjustment instrument for an exterior mirror unit for a vehicle. The adjustment instrument comprises a housing (2) which is pivotably adjustable between a park position a drive position and a fold over position with respect to a base. The adjustment instrument further comprises an electrical drive unit provided in the housing and a drive ring (5) for coupling with the electrical drive unit.

No. of Pages : 35 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :29/07/2009

(54) Title of the invention : COMPOSITE MATERIAL

### (43) Publication Date : 14/11/2014

(51) International classification	:C08G 65/40	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VICTREX MANUFACTURING LIMITED
(32) Priority Date	: -	Address of Applicant :Victrex Technology Centre Hillhouse
(33) Name of priority country	:	International Thornton Cleveleys Lancashire FY5 4QD Great
(86) International Application No	:PCT/GB2004/004087	Britain U.K.
Filing Date	:27/09/2004	(72)Name of Inventor :
(87) International Publication No	: NA	1)FLATH Dianne
(61) Patent of Addition to Application	:NA	2)MEAKIN Craig
Number	:NA :NA	3)WILSON Brian
Filing Date	INA	
(62) Divisional to Application Number	:1616/DELNP/2006	
Filed on	:24/03/2006	
		1

### (57) Abstract :

There is provided a pack comprising a polymeric material having a melt viscosity (MV) in the range 0.05 to 0.12 kNsm-2 wherein said polymeric material is of a type which includes: (a) phenyl moieties; (b) carbonyl moieties; and (c) ether moieties. Preferably the polymeric material is selected from is polyetherethereketone and polyethereketone. Such low Mv materials may be injection moulded or extruded to produce thin walled components; or used as components of highly filled compositions.

No. of Pages : 44 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :30/11/2009

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SULFAMATE BENZOTHIOPHENE DERIVATIVES AS STEROID SULFATASE INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:C07D :NA : - : :4866/DELNP/2005 :16/05/2003 : NA :NA :NA :NA :4866/DELNP/2005 :24/10/2005	<ul> <li>(71)Name of Applicant :</li> <li>1)LABORATOIRE THERAMEX Address of Applicant :6 Avenue Prince Hereditaire Albert </li> <li>98000 Monaco (MC); Monaco </li> <li>(72)Name of Inventor : 1)LAFAY Jean 2)RONDOT Benoit 3)CARNIATO Denis 4)BONNET Paule 5)CLERC Thierry 6)SHIELDS Jacqueline 7)DUC Igor 8)DURANTI Eric</li></ul>
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(57) Abstract :

The present invention relates to sulfamate benzothiophene compounds of the formula: (I) wherein R1, R2, R3, m and n are as defined in the specification. The invention also relates to pharmaceutical compositions containing these compounds and to methods of using them.

No. of Pages : 54 No. of Claims : 49

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : HIGHLY SOLUBLE LEPTINS			
<ul> <li>(54) Title of the invention : HIGHLY SOI</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:C07K14/575 :61/387402 :28/09/2010 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)AMYLIN PHARMACEUTICALS, LLC Address of Applicant :Attention: Intellectual Property Group</li> <li>9360 Towne Centre Drive San Diego CA 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ERICKSON Mary</li> </ul>	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA		

### (57) Abstract :

The disclosure provides chimeric polypeptides and nucleic acid molecules encoding chimeric polypeptides. Also provided are pharmaceutical compositions and methods of treatment for diseases and disorders including

lipodystrophy dyslipidemia hyperlipidemia overweight obesity hypothalamic amenorrhea Alzheimer s disease leptin deficiency fatty liver disease or diabetes (including type I and type II). Additional diseases and disorders which can be treated by the compounds and methods described herein include nonalcoholic steatohepatitis (NASH) and nonalcoholic fatty liver disease (NAFLD) metabolic syndrome X and Huntington s Disease.

No. of Pages : 140 No. of Claims : 32

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : A METHOD OF SORTING ORE		
(51) International classification	:E21C41/00,B07B13/00	(71)Name of Applicant :
(31) Priority Document No	:2010904388	1)TECHNOLOGICAL RESOURCES PTY. LIMITED
(32) Priority Date	:30/09/2010	Address of Applicant :120 Collins Street Melbourne Victoria
(33) Name of priority country	:Australia	3000 Australia
(86) International Application No	:PCT/AU2011/001253	(72)Name of Inventor :
Filing Date	:30/09/2011	1)BOX John Clarence
(87) International Publication No	:WO 2012/040787	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of sorting a mined material and/or a stockpiled material comprises processing the material in a plurality of steps that includes a dry sorting step and a wet concentration step and producing a fraction having a required particle size range and a required grade.

No. of Pages : 35 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :17/12/2009

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:20/02/2004 : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ATHENIX CORPORATION <ul> <li>Address of Applicant :2202 Ellis Road Suite B Durham NC</li> </ul> </li> <li>27703 United States of America</li> <li>(72)Name of Inventor : <ul> <li>1)CAROZZI Nadine</li> <li>2)HARGISS Tracy</li> <li>3)KOZIEL Michael G.</li> <li>4)DUCK Nicholas B.</li> <li>5)CARR Brian</li> </ul> </li> </ul>
(62) Divisional to Application Number Filed on	:3665/DELNP/2005 :18/08/2005	

### (54) Title of the invention : DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. Compositions comprising a coding sequence for a delta-endotoxin and delta-endotoxin-associated polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin and delta-endotoxin- associated nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequences shown in in SEQ ID NOS:3, 5, 7, 9, 11, 14, 16, 18, 20, 22, 24, 27, and 29, and the nucleotide sequences set forth in SEQ ID NOS:1, 2, 4, 6, 8, 10, 12, 13, 15, 17, 19, 21, 23, 25, 26, and 28, as well as variants and fragments thereof.

No. of Pages : 83 No. of Claims : 11

### (19) INDIA

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

### (43) Publication Date : 14/11/2014

me of Applicant : NA THERAPEUTICS LIMITED
dress of Applicant :1, VINCENT SQUARE, LONDON, 2PN, UNITED KINGDOM me of Inventor : ETROM Pal
2 1

(57) Abstract :

The present invention provides a short RNA capable of upregulating MafA expression in a human cell wherein said short RNA includes a first strand which is 9 to 25 nucleotides in length and comprises the sequence AUCUGUACUGGAUGAGCGG or UUUCCCGCAGGAGAUUGAC. Also provided are uses thereof particular medical uses and induced cells and uses thereof.

No. of Pages : 77 No. of Claims : 16

(21) Application No.3631/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

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(51) International classification	:E21B19/00,E21B19/22	(71)Name of Applicant :
(31) Priority Document No	:12/911363	1)YEMINGTON Charles R.
(32) Priority Date	:25/10/2010	Address of Applicant :3206 Caliente Ct. No. 3103 Arlington
(33) Name of priority country	:U.S.A.	TX 76017 U.S.A.
(86) International Application No	:PCT/US2011/057628	(72)Name of Inventor :
Filing Date	:25/10/2011	1)YEMINGTON Charles R.
(87) International Publication No	:WO 2012/061111	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : RISER FOR COIL TUBING/WIRE LINE INJECTION

(57) Abstract :

The present invention is directed to a system including a self supporting riser (SSR) which is connected to a well to provide fluid communication to fossil hydrocarbon reservoirs deep below the seafloor. The SSR is constructed of a plurality of joints comprising regular joints and specialty joints that define the SSR and are selected to optimize the SSR for a well in a specific location. A unique aspect of the invention is further directed to a small vessel subject to high vessel motions that permits a coil tubing/wire line system to be mounted on a stabilizer system mounted on the vessel. The riser extension that connects the vessel to the self supporting riser preferably has a telescopic joint/ section that is designed for the heave of the vessel.

No. of Pages : 18 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :23/04/2013

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : NOVEL MICROBIOCIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> <li>Application Number Filing Date</li> </ul>	:C07D213/53,C07D213/61,C07D213/68 :10190968.7 :12/11/2010 :EPO :PCT/EP2011/069818 :10/11/2011 :WO 2012/062844 <sup>:0</sup> :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)SYNGENTA PARTICIPATIONS AG</li> <li>Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel</li> </ul> </li> <li>Switzerland <ul> <li>(72)Name of Inventor : <ul> <li>1)TRAH Stephan</li> <li>2)ZAMBACH Werner</li> <li>3)STIERLI Daniel</li> <li>4)NEBEL Kurt</li> <li>5)BORTOLATO Andrea</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

The present invention provides compounds of formula (I) wherein A1, A2, R1, D1, D2, Y3 and X are as defined in the claims. The invention further relates to compositions which comprise these compounds and to their use in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms, preferably fungi.

No. of Pages : 154 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CAPACITOR EMBEDDED BETWEEN BUSBARS ELECTRIC POWER DEVICE AND ELECTRIC POWER CONVERSION DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:2010242583 :28/10/2010 :Japan :PCT/JP2011/073307 :11/10/2011 :WO 2012/056873 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YOSHITAKE Yuichiro</li> <li>2)KATOH Shuji</li> <li>3)MORITA Hiroshi</li> <li>4)OOTAKE Atsushi</li> </ul>
11	:NA :NA :NA	

(57) Abstract :

The present invention provides an inter-bus-bar built-in capacitor capable of reducing the size of a capacitor used in an inverter or the like or downsizing the capacitor, and provides power equipment as well as a power converting apparatus. The inter-bus-bar built-in capacitor is provided between a pair of opposing bus bars and includes a high-dielectric-constant material which has a relative dielectric constant of at least 50 when a voltage of 1,000 V is applied at a temperature of 25°C. Thus, it is possible to provide the inter-bus-bar built-in capacitor capable of reducing the size of a capacitor used in an inverter or the like or downsizing the capacitor and provide the power equipment as well as the power converting apparatus.

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

(19) INDIA

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

### (43) Publication Date : 14/11/2014

### (54) Title of the invention : WIND POWER PLANT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication N</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:10 2010 043 435.3 :04/11/2010 :Germany :PCT/EP2011/069459 :04/11/2011 o:WO 2012/059591 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany</li> <li>(72)Name of Inventor :</li> <li>1)FRICKE Werner</li> <li>2)SARTORIUS Florian</li> <li>3)BAUMG,,RTEL Christian</li> <li>4)HILDEBRAND Arno</li> <li>5)GUDEWER Wilko</li> <li>6)GEIKEN Peter</li> <li>7)R-ER Jochen</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention concerns module carrier for fixing electric modules provided for controlling one or more pitch drives of a wind power installation to a rotor hub of the wind power installation comprising a main body for carrying the electric modules, wherein the rotor hub is adapted to rotate about a substantially horizontal rotor axis, and the main body is adapted to be fixed in front of the rotor hub in the axial direction of the rotor axis.

No. of Pages : 44 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : COLOR FILTER SUBSTRATE AND FRINGE FIELD SWITCHING LIQUID CRYSTAL DISPLAY USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G02B5/20,G02F1/1335 :2010242665 :28/10/2010 :Japan :PCT/JP2011/074285 :21/10/2011 :WO 2012/057019 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOPPAN PRINTING CO. LTD. Address of Applicant :5 1 Taito 1 chome Taito ku Tokyo 1100016 Japan</li> <li>(72)Name of Inventor :</li> <li>1)ONAKA Nozomi</li> <li>2)HIBAYASHI Yasuhiro</li> <li>3)HAGIWARA Hidesato</li> <li>4)FUKUYOSHI Kenzo</li> </ul>
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### (57) Abstract :

A color filter substrate for use in a fringe-field switching mode liquid crystal display wherein the color filter substrate and an array substrate provided with a 5 comb-shaped pixel electrode having an electrode width of 10 um or less are arranged facing each other with a liquid crystal layer interposed therebetween. The color filter substrate comprises a transparent substrate, a black matrix provided on the transparent 10 substrate, comprising an organic pigment as a main coloring agent, a red pixel, a green pixel and a blue pixel which are provided in regions partitioned by the black matrix on the transparent substrate and each have a relative dielectric constant of 2.9 or more but 4.4 15 or less, as measured at a frequency at which the liquid crystal is driven, and a transparent resin layer provided on the red pixel, the green pixel and the blue pixel. The relative dielectric constant of each of the color pixels falls within  $\pm 0.3$  of an average relative 20 dielectric constant of the red pixel, the green pixel and the blue pixel.

No. of Pages : 78 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

# (54) Title of the invention : OVERLOAD DETECTION IN A SWITCHED MODE POWER SUPPLY (51) International classification (31) Priority Document No (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (31) 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 (38) Priority Date (39) Priority Date (31) Priority Date (31) Priority Date (32) Priority Date (31) Priority Date (32) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (31) Priority Date (31) Priority Date (32) Priority Date (32) Priority Date

(32) Priority Date	:NA	Address of Applicant :SE-164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/067282	1)PERSSON Oscar
Filing Date	:11/11/2010	2)APPELBERG Mikael
(87) International Publication No	:WO 2012/062367	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

A switched mode power supply comprising: a switching device (110) the switched mode power supply being operable to convert an input voltage (V) to an output voltage (V) by switching the switching device; a feedback circuit (140) operable to generate a feedback signal based on at least one of the output voltage and an output current of the switched mode power supply; a current limiting circuit (160 170) operable to determine a current in the switched mode power supply and generate an excess current control signal when the current exceeds a current threshold; and a controller (150). The controller is arranged to receive the feedback signal and the excess current control signal and operable to control the switching device (110): in a first operational mode when the current determined by the current limiting circuit is below the current threshold to regulate one of the output voltage and the output current based on the feedback signal; and in a second operational mode when the current determined by the current limiting circuit exceeds the current threshold to reduce the current in the switched mode power supply on the basis of the excess current control signal. The power supply further comprises an overload detector (180) which is arranged to receive the feedback signal and operable to: determine whether the feedback signal is outside a predetermined range; if the feedback signal is outside the predetermined range determine that the switched mode power supply is in an overload state; and when an overload state is determined perform control to place the switched mode power supply in a non operational state.

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

(21) Application No.3643/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

(51) International classification	:F28G15/04	(71)Name of Applicant :
(31) Priority Document No	:10 2010 051 657.0	1)CLYDE BERGEMANN GMBH MASCHINEN UND
(32) Priority Date	:17/11/2010	APPARATEBAU
(33) Name of priority country	:Germany	Address of Applicant :Schillwiese 20 46485 Wesel Germany
(86) International Application No	:PCT/EP2011/068387	(72)Name of Inventor :
Filing Date	:21/10/2011	1)TIRKSCHLEIT Marc
(87) International Publication No	:WO 2012/065803	2)CABRERA Ricardo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : CLEANING DEVICE FOR A COMBUSTION BOILER

(57) Abstract :

The invention relates to a cleaning device (1) for a combustion boiler (2), comprising a high-temperature-resistant cleaning hose (3) for feeding a cleaning medium (9) into the combustion boiler (2), a hose reel (5) which can be rotated about a first axis of rotation (4), wherein the cleaning hose (3) can be wound at least partially in said reel, and wherein the hose reel (5) comprises an opening (6) through which the cleaning hose (3) can be guided during winding or unwinding parallel to the first axis of rotation (4).

No. of Pages : 28 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CHIRAL PROPARGYLIC ALCOHOLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:10013633.2 :14/10/2010 :EPO :PCT/EP2011/005164 :14/10/2011 :WO 2012/048887 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LONZA LTD Address of Applicant :Lonzastrasse Ch 3930 Visp Switzerland </li> <li>(72)Name of Inventor : 1)BRENNER Meinrad </li> <li>2)CARREIRA Erick M. 3)CHINKOV Nicka </li> <li>4)LORENZI Miriam</li> <li>5)WARM Aleksander</li> <li>6)ZIMMERMANN Lothar</li> </ul>
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(57) Abstract :

A process for the synthesis of chiral propargylic alcohols.

No. of Pages : 37 No. of Claims : 13

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/04/2013

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : SYSTEM AND METHOD USING PROXIMITY DETECTION FOR REDUCING CART ALARMS AND INCREASING SENSITIVITY IN AN EAS SYSTEM WITH METAL SHIELDING DETECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G08B13/24,G08B29/04 :12/892459 :28/09/2010 :U.S.A. :PCT/US2011/001666 :28/09/2011 :WO 2012/047268 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SENSORMATIC ELECTRONICS LLC Address of Applicant :6600 Congress Avenue Boca Raton FL 33487 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BERGMAN Adam S.</li> <li>2)LYNCH Robert Kevin</li> <li>3)NOONE David R.</li> </ul>
(87) International Publication No	:WO 2012/047268	2)LYNCH Robert Kevin
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A system for detecting electronic article surveillance (EAS) marker shielding includes an EAS subsystem a metal detector an object detector a timer a cart detection subsystem and a processor. The EAS subsystem is operable to detect an EAS marker in an interrogation zone. The metal detector is operable to detect a metal object in the interrogation zone. The object detector is operable to detect a metal object in the interrogation zone. The object detector is operable to detect a metal object in the interrogation zone. The object detector is operable to detect objects located proximate to an entry point of the EAS subsystem. The timer is programmed to start a countdown sequence upon receiving a signal generated by the object detector. The cart detection subsystem includes a sensor array. The cart detection subsystem is operable to differentiate between a wheeled device and a human passing through the interrogation zone based on an output of the sensor array. The processor is electrically coupled to the EAS subsystem the metal detector the object detector the timer and the cart detection subsystem. The processor is programmed to receive a signal from the object detector and the timer to initiate gathering information outputted from the cart detection subsystem and information outputted from the metal detector to determine whether to generate an alarm signal based on the presence of EAS marker shielding.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND ARRANGEMENT FOR AVOIDING ANODE OXIDATION IN A HIGH TEMPERATURE FUEL CELL SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01M8/04,H01M8/12 :20105962 :17/09/2010 :Finland :PCT/FI2011/050620 :30/06/2011 :WO 2012/035195 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CONVION OY <ul> <li>Address of Applicant :Tekniikantie 12 FI 02150 Espoo</li> </ul> </li> <li>Finland </li> <li>(72)Name of Inventor : <ul> <li>1)STR–M Kim</li> <li>2)HAKALA Tuomas</li> <li>3)HOTTINEN Tero</li> </ul> </li> </ul>
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#### (57) Abstract :

Disclosed is a cooling arrangement for a high temperature fuel cell system for reducing the amount of purge gas in a system shutdown situation. The cooling arrangement comprises: a coolant source (120) capable of providing coolant to be used in a cooling process of the high temperature fuel cell system during the system shutdown situation a cooling structure (122) in connection to the coolant source (120) and arranged in a thermal effect area of the fuel cell stacks (103) for receiving heat from the fuel cell stacks and transferring received heat to the coolant means (124) for feeding said coolant into the cooling structure (122) from the coolant source (120) means (126) for exhausting used coolant from the cooling structure and means (136) for utilizing a triggering force to trigger a coolant flow in the cooling structure when the system shutdown situation has started.

No. of Pages : 21 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : MOLDING SYSTEM INCLUDING SHOOTING POT ASSEMBLY AND VALVE ASSEMBLY IN WHICH HOLD PRESSURE NOT PROVIDED BY SHOOTING POT ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:05/10/2011 :WO 2012/068681 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUSKY INJECTION MOLDING SYSTEMS LTD. Address of Applicant :500 Queen Street South Bolton Ontario L7E 5S5 Canada</li> <li>(72)Name of Inventor :</li> <li>1)WEBER Robert Bruce</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract :

A molding system (100) comprising: a shooting pot assembly (102; 202A; 202B); and a valve assembly (104; 204A; 204B) having an input port (106; 206A; 206B) being configured to input a melt an output port (108; 208A; 208B) being configured to output the melt and a transfer port (110; 210A; 210B) connected to the shooting pot assembly (102; 202A; 202B).

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

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G05F1/10,H02M3/00 :2010243892 :29/10/2010 :Japan :PCT/JP2011/071087 :15/09/2011 :WO 2012/056823 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NIPPON SEIKI CO.LTD. Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi Niigata 9408580 Japan</li> <li>(72)Name of Inventor :</li> <li>1)OOYATatsuyuki</li> </ul>
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#### (54) Title of the invention : POWER SUPPLY CIRCUIT FOR VEHICLE

(57) Abstract :

Disclosed is a power supply circuit for vehicles which can continuously supply a constant voltage without a complicated circuit configuration even during a time when a surge voltage is applied (abnormal voltage time). The power supply circuit is provided with: a constant voltage circuit (3) which is connected to a battery mounted in a vehicle and which outputs a predetermined voltage; a surge cut circuit (2) which is provided with a zener diode (2a) and a transistor (2c) for protecting the constant voltage circuit (3); and a switching circuit (1) which is disposed between the constant voltage circuit (3) and the surge cut circuit (2) and which performs on/off switching of output to the constant voltage circuit (3). The power supply circuit is also provided with a feedback line that connects the connecting line (output line) (c) of the switching circuit (1) and the zener diode (2a) to each other.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PHARMACEUTICAL FORMULATION FOR HISTONE DEACETYLASE INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:A61K9/06,A61K31/165,A61K47/02 :61/392855 :13/10/2010 :U.S.A. :PCT/US2011/056148 :13/10/2011 :WO 2012/051416 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHAPE PHARMACEUTICALS INC. Address of Applicant :55 Cambridge Parkway Suite 301 Cambridge MA 02142 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHAPPELL Todd W.</li> <li>2)JOHNSON Keith A.</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A pharmaceutical composition comprising a therapeutically effective amount of an active pharmaceutical ingredient (API) compound represented by the following structural formula at least one acidifying agent; and a vehicle base comprising at least one pharmaceutically acceptable non aqueous solvent. Values and preferred values of the variables in structural formula (I) are defined herein.

No. of Pages : 50 No. of Claims : 59

(21) Application No.3676/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A PLANCH	ETTE FOR A SECURITY	PAPER
(51) International classification	:D21H21/42,B42D15/00	(71)Name of Applicant :
(31) Priority Document No	:1017287.2	1)D.W. SPINKS (EMBOSSING) LIMITED
(32) Priority Date	:13/10/2010	Address of Applicant : Fairfax House 15 Fulwood Place
(33) Name of priority country	:U.K.	London WC1V 6AY U.K.
(86) International Application No	:PCT/GB2011/051990	(72)Name of Inventor :
Filing Date	:13/10/2011	1)SPINKS Gary Donald
(87) International Publication No	:WO 2012/049514	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A security paper (200) including a plurality of planchettes (100) each planchette (100) being a sheet having a first face and a second face the first face having a first colour and the second face having a second different colour.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : METHOD FOR PRODUCING AND USING A COPOLYMER OF SODIUM CARBOXYMETHYL CELLULOSE AND GOSSYPOL

classification:C08B15/00,A01P25/28,A01K51//17(31) Priority Document No:2010141697(32) Priority Date:11/10/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)LIMITED LIABILITY COMPANY NEARMEDIC PLUS Address of Applicant :Ul. 4 aya Tverskaya Yamskaya 2/11 2</li> <li>Moscow 125047 Russia</li> <li>(72)Name of Inventor :</li> <li>1)ERSHOV Felix Ivanovich</li> <li>2)NESTERENKO Vladimir Georgievich</li> <li>3)SARYMSAKOV Abdushukur Abdukhalilovich</li> <li>4)ALEKSEEVA Natalya Uryevna</li> </ul>
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(57) Abstract :

The invention relates to the field of organic chemistry pharmacology and medicine and concerns a method for producing a copolymer of sodium carboxymethyl cellulose and gossypol having the formula (I) as well as the use thereof in a combined treatment for patients with autistic spectrum disorders and cognitive impairment.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INTEGRATED VARIABLE GEOMETRY FLOW RESTRICTOR AND HEAT EXCHANGER

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application</li> </ul>	:F01D25/12,F28F27/02,F28F1/10 :12/951178 :22/11/2010 :U.S.A. :PCT/US2011/059664 :08/11/2011 :WO 2012/071166 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady NY 12345 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)RUTHEMEYER Michael Anthony</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

One or more heat exchangers (8) mounted in a duct (3) have heat transfer cooling passages (9) therein and a variable geometry flow restrictor (2) is integral with each of the heat exchangers (8). An annular slide valve (102) axially translatable within the duct (3) is operable to open and close or vary a variable area (4) between the heat exchangers (8) and one of inner and outer casings (36 34) bounding the duct (3) The heat exchangers (8) may be being circumferentially distributed around an annular duct (3) and include radial or circumferentially curved heat transfer tubes (6) or vanes.

No. of Pages : 47 No. of Claims : 26

## CONTINUED TO PART- 2

## **CONTINUED FROM PART-1**

(12) PATENT APPLICATION PUBLICATION
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(21) Application No.197/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : "COMMUNICATION DEVICE AND ANTENNAS WITH HIGH ISOLATION CHARACTERISTICS"

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01Q21/28 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MEDIATEK INC.</li> <li>Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE</li> </ul>
(33) Name of priority country	:NA	BASED INDUSTRIAL PARK, HSIN-CHU 300, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHYH-TIMG FANG
(87) International Publication No	: NA	2)SHIH-HUANG YEH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication device includes a system ground plane, a first antenna, a second antenna, a metal element, and a circuit component. The first antenna is substantially disposed at a first edge of the system ground plane. The second antenna is substantially disposed at a second edge of the system ground plane. The first edge of the system ground plane is opposite to the second edge of the system ground plane. The metal element is coupled to the system ground plane. The circuit component is coupled to the metal element.

No. of Pages : 24 No. of Claims : 23

#### (19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "FRUSTA-FLOW: A NOVEL DEVICE TO REGULATE WIND SPEED AND PROCESS THEREOF" (51) International classification :G01P5/26 (71)Name of Applicant : (31) Priority Document No **1)AHIRWAR TARUN KUMAR** :NA (32) Priority Date Address of Applicant :76. IOBAL COLONY, ASHOKA :NA (33) Name of priority country GARDEN, BHOPAL - 462023, MADHYA PRADESH, INDIA. :NA (86) International Application No (72)Name of Inventor : :NA **1)AHIRWAR TARUN KUMAR** 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 hollow conical frustum shaped device capable of regulating the speed of wind coming towards wind turbine. The said device has two openings, one hassmaller circumference and other has larger circumference. When the said device is placed in front of wind turbine with smaller end facing, wind entering from the end having larger circumference observes pressure inside the device; this reduces turbulence and streamline the flow of wind passing by and thus increases the wind speed coming out from an end having smaller cross section. Progressive cumulative diversions result in the successful tunneling effect that ultimately results in increase in wind speed. The decrease in wind speed is obtained when larger circumference opening faces the wind turbine.

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

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : A METHOD FOR PREPARING MAGNETO OPTICAL GLASS COMPRISING BI2TE3 NANOCRYSTALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C03C 3/00, C03C13/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CENTRE FOR MATERIALS FOR ELECTRONICS</li> <li>TECHNOLOGY (C-MET) <ul> <li>Address of Applicant :PANCHAWATI, OFF PASHAN</li> </ul> </li> <li>ROAD, PUNE - 411 008, MAHARASHTRA, INDIA</li> <li>2)SECRETARY, DEPARTMENT OF ELECTRONICS</li> <li>AND INFORMATION TECHNOLOGY (DEITY)</li> <li>(72)Name of Inventor :</li> <li>1)KALE BHARAT B</li> <li>2)KULKARNI MILIND V.</li> <li>3)PANMAND RAJENDRA P.</li> <li>4)APTE SANJAY K</li> <li>5)NAIK SONALI D.</li> <li>6)AMBEKAR JALINDAR D.</li> <li>7)SONAWANE RAVINDRA S.</li> <li>8)AMLANERKAR DINESH P.</li> <li>9)CHATTERJEE SANDIP</li> <li>10)SHROFF NILOFER</li> </ul>
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(57) Abstract :

A method for developing magneto optical glass comprising Bi2Te3 nanocrystals has been disclosed. The method includes the steps of mixing SiO2, Na20, K2O, ZnO, of B2O3, TiO2 and MgO at pre-determined quantities, to obtain a host glass mixture, adding 0.5% - 0.7% of Bi2Te3 as dopant to the said host glass mixture, heating the host glass mixture at a temperature ranging between 1250°Cand 1400°C, soaking said host glass mixture and obtaining a melt of the host glass mixture, quenching said melt in air up to the stage of transition of the melt into Bi2Te3 glass nanocomposite, annealing Bi2Te3 glass nano composite, at a pre-determined temperature, and subjecting annealed Bi2Te3 glass nanocomposite to a temperature proximate to the transition temperature of the Bi2Te3 glass nanocomposite and stimulating the formation of Bi2Te3 crystals in said glass nanocomposite.

No. of Pages : 26 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "WINDSHIELD WIPER ASSEMBLY" :B60S1/40, (71)Name of Applicant : (51) International classification B60S1/38 **1)TATA MOTORS LIMITED** Address of Applicant : BOMBAY HOUSE, 24 HOMI MODY (31) Priority Document No :NA (32) Priority Date STREET, HUTATMA CHOWK, MUMBAI 400 001, :NA (33) Name of priority country MAHARASHTRA, INDIA :NA (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)RAJENDRA Y. KHODE** (87) International Publication No : NA 2)SAGAR S TIKAR (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The disclosure relates to a method of operating a windshield wiper assembly for a vehicle having a vehicle drive unit, a wiper motor configured to receive power from the vehicle drive unit, and at least one wiper arm connected to the wiper motor. The method comprising identifying a position of the at least one wiper arm as at least one of a home position and a displaced position; receiving an input respective of a status of the drive unit; connecting the wiper motor to a rechargeable battery upon identifying that the wiper arm is in the displaced position, and the drive unit is turned off; and moving one or more wiper blades from the displaced position to the home position, wherein the movement of the wiper blades being caused by the wiper motor powered by the rechargeable battery.

No. of Pages : 17 No. of Claims : 9

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/01/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : "AN INTEGRATED, SECURED, SCALABLE, RESOURCE CONSERVING, REAL TIME, SYSTEM TO CONDUCT SIMULTANEOUS VIRTUAL PREMIER OF A MOVIE COMPRISING OF ITS CREATORS AND/OR VARIOUS STAKE HOLDERS CONGREGATED IN STATIONARY/MOBILE CENTRAL STUDIO HAVING SUPERIOR RESOLUTION, DIGITAL MULTIMEDIA BASED DUPLEX INTERACTION VIA TELECOMMUNICATION NETWORK WITH REMOTE SPECTATORS IN GEOGRAPHICALLY DISTINCT MULTI-LOCATIONAL THEATERS"

(51) International classification	H04W68/00, H04W92/02	Address of Applicant :VALUABLE TECHNO PARK, 53/1,
(31) Priority Document No	:NA	ROAD NO. 7, MIDC, ANDHERI EAST, MUMBAI 400 093.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANJAY GAIKWAD
Filing Date	:NA	2)AMEYA HETE
(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 :

Inventors have designed a network resources conserving, secured, scalable, unique technical solution to conduct a virtual premiere of movie comprising of hardware embedded proprietary algorithm by leveraging the benefits of their in house developed technology of real time, digital distribution of multidimensional, multimedia content in geographically distinct, multiple theaters from central studio. It avails a means to have simultaneous, live interaction or seek feedback from the in-situ patrons with more than one star cast/ director/ producer who are physically anchored with a studio but virtually accessible via secured; scalable networks of unique hardware and software component at each client and studio end in virtual premiere theater deployments. It provides simultaneous interactive content from a studio end to at least one or geographically apart multiple theaters by means of a wireless communications network viz. VSAT, where said method comprises of installation of studio component software on studio/actor"s computer coupled with a display devices located in studio end and installation of a theater component software on one or more remote theater"s display unit coupled with computers), whereby a studio component software along with its specific hardware and theater component software beside with its customized hardware permits secured, bi-directional communication between the said actor housed in studio with computer display comprising of multimedia matrix and said one or more remote theater display to improve real time interaction with optimum bandwidth resources. The technique enables real time virtual teleporting by creating virtual omni-theater presence based interaction of centrally stationed, rarely accessible, domain expert(s) e.g. play/cinema actor anchored in given studio with remote patrons mostly common man. Algorithm optimizes bandwidth utilization by switching of in-route bandwidth between remotes along with display of content in high definition with superior audio fidelity.

No. of Pages : 22 No. of Claims : 9

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM FOR DETECTING, ACTIVATING AND DEACTIVATING SWITCHES (CENTRAL **CONTROL MODULE**)

	110401/20	
		(71)Name of Applicant :
(51) International classification	H04M11/04,	
	G08B1/08	Address of Applicant :15 KM. STONE, GUT NO 100,
(31) Priority Document No	:NA	FAROLA, PAITHAN ROAD, AURANGABAD - 431105,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)THOMBRE RAJENDRA
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 control circuit for vehicular switches having an OFF state and a plurality of ON states is disclosed. The controller circuit includes a controller, a sensor, at least one state sensor, at least one device. The sensor senses direction of acceleration and deceleration of the vehicle and communicates a real time acceleration signal with the controller. The state sensor senses which of the ON state of said switch is connected to and generate a state signal. Further, the state sensor transmits the state signal to the controller. The device senses the ON and OFF state of the switch and receives a signal to selectively actuate the state of switch into either an OFF state or ON state. The device may be a MOSFET or a power transistor. The control circuit may be used for controlling high or low beam of a vehicle or cranking the engine of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

### (22) Date of filing of Application :23/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MOBILE TO MONITORING ACCOUNT MONEY EXCHANGE PROTOCOL SYSTEM.

	:G06Q	(71)Name of Applicant :
(51) International classification	20/40,G06Q	1)UDAYSINH SHRIKANT GHATAGE
	20/32	Address of Applicant :158, 'E' WARD, KADAMWADI,
(31) Priority Document No	:NA	KOLHAPUR:-416003, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)UDAYSINH SHRIKANT GHATAGE
(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	
		1

#### (57) Abstract :

Mobile to monitoring account money exchange Protocol System comprises mobile phone money to transfer required amount to ID number generated under monitoring account. This gives confirmation of transferred money through sms. When user account increased up to certain amount then Mobile to monitoring account money Exchange Protocol System gives payment cheque to the user. This system leads to save unknowingly loss of big amount of money by change money of user.

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

(19) INDIA(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD AND SYSTEM FOR DATA HARMONIZATION USING INCREMENTAL ETL-MR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:G06F12/14, G06F17/30 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)ACARWAL DUNCET</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)AGARWAL, PUNEET 2)SHROFF, GAUTAM 3)VAITHIYANATHAN, RAJGOPAL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)MALHOTRA, PANKAJ

#### (57) Abstract :

Disclosed herein are a method and a system for data harmonization of incongruent data obtained from disparate systems having dimensions with different schemes of representation. Methods for data harmonization are implemented upon a Batch Mode data Harmonization and Real-Time Data harmonization system. Where in the Batch Mode Data Harmonization, incoming data is stored in a staging area and harmonization is performed after entire data for a specified data period has arrived, real-time data harmonizes harmonizes data sets as soon as they arrive. Underlying technique of map-reduce implemented in both modes utilizes pivot and unpivot atomic operators for harmonizing the unstructured data.

No. of Pages : 38 No. of Claims : 20

## (22) Date of filing of Application :31/01/2013

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : "SLEEVE ON HOSE TO MINIMIZE HIGH FREQUENCY NOISE ORIGINATED FROM THE TURBOCHARGER OF AUTOMOBILES"

	:F01N	(71)Name of Applicant :
(51) International classification	3/00,	1)MAHINDRA & MAHINDRA LIMITED
	F01N1/10	Address of Applicant :R & D CENTER, AUTO SECTOR, 89,
(31) Priority Document No	:NA	M.I.D.C. SATPUR, NASHIK-422 007, MAHARASHTRA,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GOPA KISHOR GUMMADI
Filing Date	:NA	2)RAJESH THIYAGARAJAN
(87) International Publication No	: NA	3)K. KRISHNAMOORTHY
(61) Patent of Addition to Application Number	:NA	4)RAJKUMAR PADMANNA BHAGATE
Filing Date	:NA	5)N. VELAYUDHAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a system, to minimize high frequency noise originated from the turbocharger of automobiles. The noise is generated due to the outside air passing through an air filter (13) and the said a turbocharger (12), coupled to the engine (16),. with high pressure flows to a charge air cooler (15) through an IC inlet base hose (14) made of Vamac® ethylene acrylic elastomer (AEM), connecting the charge air cooler (15), to the charge the said air cooler (15). The system comprises providing a sleeve, made up of EPDM (Ethylene Propylene Diene Monomer) with optimized specific gravity and hardness over the said base hose to reduce the high frequency whoosh noise originated from the turbo charger, without compromising the flexibility of the base hose.

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

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : AUTOMONTAGE SYSTEM TO PROCESS A VIDEO

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N 21/00 :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>I)INDIAN INSTITUTE OF TECHNOLOGY(IIT),</li> </ol> </li> <li>BOMBAY <ul> <li>Address of Applicant :INDIAN INSTITUTE OF</li> </ul> </li> <li>TECHNOLOGY(IIT), BOMBAY, POWAI, MUMBAI-400076</li> <li>Maharashtra India <ul> <li>(72)Name of Inventor : <ul> <li>I)NITHYA M.</li> </ul> </li> <li>2)SHARAT CHANDRAN</li> </ul> </li> </ul>
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(57) Abstract :

The present invention is processing a video-stream with significant expressions from a group video where the expressions that could get missed in a group photo sessions. The process and the system of automontage comprising the steps of identifying a plurality of frames from a video-stream that are merged to create a mosaic followed by selecting a base image from a total number of frames in the video-stream followed by identifying a neutral expressions of faces from the total number of frames in the video-stream followed by aligning the neutral expressions of the faces from the total number of frames in the video-stream followed by measuring facial expression of the faces from the total number of frames in the video-stream and creating a photo-montage on the base image to give a consolidated image where all the desired significant expressions are captured.

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

(22) Date of filing of Application :01/02/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : A THERMOCOUPLE ASSEMBLY FOR MEASUREMENT OF RAW GAS TEMPERATURE IN VERTICAL STRAND OF COKE OVEN.

<ul> <li>(71)Name of Applicant :</li> <li>1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :BHILAI STEEL PLANT, BHILAI- 490001, STATE OF CHATTISGARH, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)SINGH GOPAL PRASAD</li> <li>2)RAM RAJENDRA</li> <li>3)BHOWMIK BIJOY</li> <li>4)JHA PRAVEEN KUMAR</li> <li>5)LAHA ASHOK KUMAR</li> <li>6)SINHA KHOOB LAL</li> </ul>

#### (57) Abstract :

The present invention relates to a thermocouple assembly to measure raw gas temperature in Coke oven battery and particularly, to a thermocouple assembly for measurement of temperature of coke oven gas coming out of battery in vertical strand (goose neck) in a reliable manner wherein thermocouple is attached to the housing assembly with an intermediate coupling device such that thermocouple can be inserted into assembly as per requirement and then tightened it, so that immersion length becomes fixed and monitoring and measurement of temperature can be carried out safely at a distance away from high temperature zone. In case of non working and damage of thermocouple it can be checked safely at a distance away from original location which is too hot. Removal and installation of thermocouple is also safe and faster by loosening and tightening the male connector from intermediate coupling.

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

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "AN ETHAMSYLATE PREFILLED SYRINGE". :A61M (71)Name of Applicant : 1)AGRAWAL, PAWAN (51) International classification 3/00, A61K31/00 Address of Applicant : F 22, AKASH TOWER, OPP: (31) Priority Document No PREMCHAND NAGAR, JUDGES BUNGLOW ROAD, :NA (32) Priority Date SATELLITE, AHMEDABAD-380054, GUJARAT STATE, :NA (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)AGARWAL, 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 embodiment of the proposed invention relates to an Ethamsylate prefilled syringe that enables maintaining the sterility of the drug prior to and during administration. In present ethamsylate prefilled syringes chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringes are prefilled with Ethamsylate and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 19 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :06/02/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : "MOBILE CUT WELD TROLLEY"		
(51) International classification		(71)Name of Applicant :
	37/02	1)NILESH DIGAMBER PRABHUNE
(31) Priority Document No	:NA	Address of Applicant :313, KOHINOOR BLDG. NARAYAN
(32) Priority Date	:NA	PETH, PUNE-411030, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NILESH DIGAMBER PRABHUNE
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 :

Disclosed is a mobile cutweld trolley that can be towed to a vehicle to facilitate mobility to a remote/any onsite conditions. The mobile cutweld trolley comprises of a chassis, a power generator, a control panel, a plasma unit and a welding unit. The chassis includes an eyelet that facilitates 180 degree flexibility to move on the surface and at least a wheel allowing mobility thereof to any location. The power generator is configured on the chassis to supply a power input to the components. The control panel is configured on the mobile cutweld trolley for controlling switching from one operational mode to other. The plasma unit is mounted on the chassis. The plasma unit comprises of a hand torch system that is used for cutting of a metal plate/parts. The welding unit of the mobile cutweld trolley is installed for welding the metal plate/parts.

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

(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PROCESS FOR DEHYDROGENATING ALKANE TO ALKADIENE

(51) International classification	:C07C5/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(33) Name of priority country	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GHOSH RAJSHEKHAR
(61) Patent of Addition to Application Number	:NA	2)AHUJA RITU
Filing Date	:NA	3)PILLAI MUTHUKUMARU SUBRAMANIA
(62) Divisional to Application Number	:NA	4)TEMBE GOPAL LAXMAN
Filing Date	:NA	5)JASRA RAKSHVIR

(57) Abstract :

The present disclosure relates to a process for dehydrogenating at least one alkane selected from the group consisting of C4 and C5 linear alkanes, 3-methylpentane and cyclic alkanes having at least 7 carbon atoms into alkadiene using hydrogen acceptor in the presence of a pincer ligated iridium homogeneous catalyst and a non-reactive medium.

No. of Pages : 17 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "AN IMPROVED MOUTH FRESHENER"

	· \ 61C17/00	(71)Nome of Applicant .
(51) International classification	A46B11/00,	(71)Name of Applicant : 1)JITENDRA I. BARDIA
(31) Priority Document No	:NA	Address of Applicant :FLAT NO. 09, SNEH SARITA APTS.,
(32) Priority Date	:NA	PUSHPKUNJ SOCIETY, OPP. AARADHANA CINEMA,
(33) Name of priority country	:NA	KANKARIA AHMEDABAD, GUJARAT STATE, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JITENDRA I. BARDIA,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved Mouth Freshener composition. The said mouth freshener composition consists following ingredients:-Betelnut-90%, Cardnmon-1.5%, Menthol-1%, Coating Powder-4%, Spices-2%, Added Flavours-1.5%. all these ingredients are ground and mixed in the process plant thoroughly with pharmaceutical powder consisting of a fine grained mineral of hydrated magnesium silicate (Mg3si4o10(Oh)2) to form homogeneous mixture.

No. of Pages : 13 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/02/2013

#### (54) Title of the invention : "PREFILLED SYRINGE CONTAINING METHOCARBAMOL".

(51) Intermetional classification	:A61M	(71)Name of Applicant :
(51) International classification	3/00, A61K31/00	1)AGRAWAL, PAWAN Address of Applicant :F 22, AKASH TOWER, OPP:
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(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)AGRAWAL, 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 embodiment of the proposed invention relates to prefilled syringe containing Methacarbamol for aseptic and proper dosage administration. The present syringe being prefilled so chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringe is prefilled with Methacarbamol and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 18 No. of Claims : 3

(19) INDIA(22) Date of filing of Application :28/01/2013

#### (54) Title of the invention : MEDIA SYSTEM FOR GENERATING PLAYLIST OF MULTIMEDIA FILES

	:G06F15/16,	<ul> <li>(71)Name of Applicant :</li> <li>1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,</li> </ul>
(51) International classification	,	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
	G06F17/30	INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DEVKAR, SUJIT
(33) Name of priority country	:NA	2)DOKE, PANKAJ
(86) International Application No	:NA	3)IYER, VINAYAK
Filing Date	:NA	4)GORE, KUSHAL
(87) International Publication No	: NA	5)LOBO, SYLVAN
(61) Patent of Addition to Application Number	:NA	6)NIGAM, APURV
Filing Date	:NA	7)SUNKA, PRAVEEN
(62) Divisional to Application Number	:NA	8)CHANDEL, PRIYANKA
Filing Date	:NA	9)KIMBAHUNE, SANJAY
		10)CHITTUR, RAVICHANDER KARTHIK
		11)RAZA, RAMIZ

(57) Abstract :

Disclosed is a method and system for dynamically generating a playlist of multimedia files for a user based upon a mood of the user. The system comprises a mood detection module, a tag allocation module, and a playlist generation module. The mood detection module is configured to determine the mood of the user based upon the one or more emotion tags allocated to records of the user. The tag allocation module is configured to categorize the at least one multimedia file under one or more emotion tags based upon the weights assigned to the one or more emotion tags. The playlist generation module is configured to dynamically generate the playlist of multimedia files based upon the mood of the user and the categorization of the at least one multimedia file under one or more emotion tags.

No. of Pages : 31 No. of Claims : 16

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : BLACK COLORED FIBER AND A BLACK COLORANT FORMULATION FOR PREPARING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:C09B13/02, D06P3/02, A61K8/35 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ADITYA BIRLA SCIENCE &amp; TECHNOLOGY</li> <li>COMPANY LIMITED <ul> <li>Address of Applicant :ADITYA BIRLA CENTER, 2ND</li> </ul> </li> <li>FLOOR, C WING, S.K.AHIRE MARG, WORLI, MUMBAI-400</li> <li>025. MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor : <ul> <li>1)RASIKA INDRANEEL CHATTERJEE</li> <li>2)PREETI LODHA</li> <li>3)VAIBHAV KEDAR</li> </ul> </li> </ul>
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(57) Abstract :

A black colored fiber is provided. The black colored fiber has a lightness value "L" in a range of from about 13.0 to about 9.0 and a color strength "K/S" in a range of from about 22 to about 50. A black colorant formulation and a black colorant pigment are also provided.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : "PROCESS FOR PREPARATION OF IVACAFTOR"

(51) International classification	:C07B59/00,	(71)Name of Applicant :
(51) International classification	A61K31/47	1)GLENMARK GENERICS LIMITED
(31) Priority Document No	:NA	Address of Applicant :GLENMARK HOUSE, HDO-
(32) Priority Date	:NA	CORPORATE BLDG, WING-A, B. D. SAWANT MARG,
(33) Name of priority country	:NA	CHAKALA, ANDHERI(EAST), MUMBAI-400 099,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHEKHAR BHASKAR BHIRUD
(61) Patent of Addition to Application Number	:NA	2)SACHIN SRIVASTAVA
Filing Date	:NA	3)SANTOSH RAMESH BADGUJAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides various forms of ivacaftor and processes thereof.

No. of Pages : 34 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "POWER ASSISTED STEERING SYSTEM"

(51) International classification	:B62D15/02, B62D15/00	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant BOMBAY HOUSE, 24 HOMI MODY
(32) Priority Date	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VAIBHAV RAWAT
(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 disclosure relates to an electric power assisted steering system for a vehicle. The system comprising a steering wheel, a first coupler connected concentrically to the steering wheel, a second coupler connected to a steering shaft. The second coupler is adapted to be engaged with the first coupler for rotating with the first coupler rotation. A resilient member is associated with each of the first coupler and the second coupler to restrict transfer of a predefined movement from the first coupler to the second coupler. A first set of switch plates is carried by the first coupler, and a second set of switch plates is carried by the second coupler. A slip ring mechanism is electrically coupled to the second set of switch plates, such that when the first set of switch plates get electrically engaged with the second set of switch plates, a predetermined electrical signal is transferred.

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

## (22) Date of filing of Application :04/02/2013

#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : SYSTEM TO AVOID MALFUNCTION GENERATED DUE TO NOISE INTERFERENCE (SMALL SIGNAL CONTROLLER)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H04K3/00, G06F17/50 :NA :NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DHOOT TRANSMISSION PRIVATE LIMITED Address of Applicant :15 KM. STONE, GUT NO 100, FAROLA, PAITHAN ROAD, AURANGABAD - 431105, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)THOMBRE RAJENDRA</li> </ul>
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMBRE RAJENDRA
(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 arrangement for sensing interference due to noise in an electronic circuit having at least a master device communicating with at least one slave device is disclosed. The arrangement includes communication channels, impedance elements and comparators. The communication channel facilitates communication between the master device and the slave devices. The impedance elements reduce impedance of the communication channel and the comparator detects short circuit condition by comparing potential, generated due to noise, of the communication channels with a predefined reference voltage and sends a detection signal to the master device for selectively disabling communication between the master device and the slave devices.

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

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : "A NOVEL PROCESS FOR THE PREPARATION OF SORAFENIB TOSYLATE FORM III"

(51) International classification	:C07D213/81	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTAS PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :INTAS PHARMACEUTICALS
(33) Name of priority country	:NA	LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM
(86) International Application No	:NA	ROAD, AHMEDABAD 380009, GUJARAT STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANDIPAN PRABHURAO BONDGE
(61) Patent of Addition to Application Number	:NA	2)MAHESH PURUSHOTTAM EKBOTE
Filing Date	:NA	3)MITHUN NARANDAS PAREKH
(62) Divisional to Application Number	:NA	4)BRIJESH NITINKUMAR KAPADIA
Filing Date	:NA	5)SANJAY JAGDISH DESAI

L

(57) Abstract :

The present invention relates in a novel process for lhe preparation of Soralcnib Tosylate Form III from Sorafenib Tosylate Elhanol Solvate.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A PROCESS FOR THE PREPARATION OF CONJUGATED DIENE

(51) International classification	:B01J23/16, C07C1/207,	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED
(31) International classification	C07C1/207,	Address of Applicant :3RD FLOOR, MAKER CHAMBER -
(31) Priority Document No	:NA	IV, 222, NARIMAN POINT, MUMBAI 400 021,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JASRA RAKSHVIR
Filing Date	:NA	2)SRIVASTAVA VIVEK KUMAR
(87) International Publication No	: NA	3)MAITI MADHUCHHANDA
(61) Patent of Addition to Application Number	:NA	4)BASAK GANESH CHANDRA
Filing Date	:NA	5)SHARMA NAGESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for preparing a conjugated diene from a C4 feed; said process comprising contacting said C4 feed with at least one catalyst selected from the group consisting of oxides of Gr. IIB metals and Gr. VIII metals under a set of predetermined dehydrogenating conditions followed by passing at least one oxygenate selected from the group consisting of steam, carbon dioxide (C02), oxygen, carbon monooxide through the C4 feed to obtain the conjugated diene.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : "AN IN-SITU PROCESS FOR THE PREPARATION OF HIGHLY PURE MONTELUKAST SODIUM."

(51) International classification	:C07D215/18, C07D215/16, C07D215/38, A61	<ul> <li>(71)Name of Applicant :</li> <li>1)MELODY HEALTHCARE PVT. LTD. Address of Applicant :PLOT NO. J-73, MIDC, TARAPUR -</li> <li>401 506, DISTRICT THANE, MAHARASHTRA, INDIA</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PATEL, DAYABHAI SOMABHAI
(33) Name of priority country	:NA	2)GHOGARE, ANIL BALKRISHNA
(86) International Application No	:NA	3)VISHE, KISHOR TUKARAM
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 disclosed herein is a cost effective, in-situ process for the preparation of montelukast or its pharmaceutically acceptable salts of formula (I) by reacting optically pure (S)-l-{3-[2-(7-chloroquinolin-yl)ethylene]-phenyl}-3-[2-(1-hydroxy-1 - methyl ethyl) phenyl]-propan-l-ol with methane sulfonyl chloride to afford mesylate derivative of formula (2) substantially free of impurities; followed by condensing the same with disodium salt of mercapto-cyclopropyl acetic acid of formula (3) to afford montelukast free acid in good yield and purity, then converting the montelukast free acid into its substituted amine salt of formula (4). Further the montelukast substituted amine is converted into its pharmaceutically acceptable salt.

No. of Pages : 34 No. of Claims : 13

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF 6-FLUORO-3,4-DIHYDRO-2H-CHROMENE-2-CARBALDEHYDE"

(51) International classification	:C07D407/04, C07D311/20	(71)Name of Applicant : 1)CADILA PHARMACEUTICALS LTD
(31) Priority Document No	:NA	Address of Applicant : CADILA PHARMACEUTICALS
(32) Priority Date	:NA	LTD., "CADILA CORPORATE CAMPUS", SARKHEJ -
(33) Name of priority country	:NA	DHOLKA ROAD, BHAT, AHMEDABAD - 382210, GUJARAT
(86) International Application No	:NA	STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MODI RAJIV INDRAVADAN
(61) Patent of Addition to Application Number	:NA	2)ISMAILI AMINMAHAMAD NASIRUDDIN
Filing Date	:NA	3)RAUT DIPAK BHIKANRAO
(62) Divisional to Application Number	:NA	4)MANSURI JAVEDHUSEN KARIMBHAI
Filing Date	:NA	5)DESAI CHAITANYA CHHOTUBHAI

(57) Abstract :

The present invention relates to a process for the preparation of 6-fluoro-3,4-dihydro-2H-chromene-2-carbaldehyde which is useful as an intermediate in the synthesis of Nebivolol or its pharmaceutical acceptable salts.

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

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

### (54) Title of the invention : "PREFILLED SYRINGE CONTAINING ENOXAPARIN"

	:A61M	(71)Name of Applicant :
(51) International classification	3/00,	1)AGRAWAL, PAWAN
	A61K31/00	Address of Applicant :F 22, AKASH TOWER, OPP:
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	2)AGRAWAL, ZAMEER
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGRAWAL, 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 embodiment of the proposed invention relates to prefilled syringe containing enoxaparin wherein chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringes are prefilled with enoxaparin and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 20 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : INVERTER BY CON	IDUCTOR	
<ul> <li>(54) The of the invention inventinvention invention invention invention inven</li></ul>		(71)Name of Applicant : 1)MOHD. ARIF Address of Applicant :6, STREET NO.1 NEAR OLD SAIFIA COLLEGE BEL DAR PURA BHOPAL 462001 Madhya Pradesh India (72)Name of Inventor : 1)MOHD. ARIF

(57) Abstract :

The invention improves the performance and lowers the cost of DC to AC inverters and the systems. Inverter system is described in this invention which works on the conductor material. The inverter system is made of rotary switch wherein center tap step down transformer is used to obtain desired output. The performance enhancements are most valuable in renewable and distributed energy applications where high power conversion efficiencies are critical. The inverter system is able to withstand higher voltage and higher temperature than conventional inverters, and the energy loss of the devices is much lower. These superior characteristics indicate promising future to apply them to electric and electronic power systems.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MODEL POWER GENERATOR & WINDMILL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	F02D7/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VINAYAK SHANKAR BANDBE <ul> <li>Address of Applicant :AT POST JAKI MIRYA,</li> <li>VARCHIWADI, TAL. &amp; DISTRATNAGIRI,</li> <li>MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)VINAYAK SHANKAR BANDBE</li> </ul> </li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

In order to overcome the drawbacks of the conventional fuels it is the need of time to completely or partially generate electricity with natural resources in and around our surroundings where we live. But complete replacement is not possible but to enhance energy production we need to innovative which can partially help generate electricity using little electrical energy (Using small Motor) used for implementing the project. We are using available electrical energy / fuel to rotate the alternator connected to it and produce electricity. Production cost is very less {electricity cost /fuel + maintenance cost) it is also safe to use. Another advantage is that it can be run by less modification at the available infrastructure / Facilities at site. Key Words:Electrical Power Supply Energy/ fuel, Electricity, Alternator.

No. of Pages : 14 No. of Claims : 1

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

### (54) Title of the invention : "A PREFILLED SYRINGE CONTAINING LINCOMYCIN".

	:A61M	(71)Name of Applicant :
(51) International classification	3/00,	1)AGRAWAL, PAWAN
	A61K31/00	Address of Applicant :F 22, AKASH TOWER, OPP:
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(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)AGRAWAL, 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 embodiment of the proposed invention relates to prefilled syringe containing Lincomycin wherein Lincomycin is administered without loss of sterility. The present syringes are prefilled so chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringes are prefilled with Lincomycin and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF SILODOSIN

(51) International classification:C07D209/08(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) Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>(71)Name of Applicant :</li> <li>(1)ALEMBIC PHARMACEUTICALS LIMITED Address of Applicant : ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA-390 003, GUJARAT STATE, INDIA (72)Name of Inventor : <ul> <li>(72)Name of Inventor :</li> <li>(73)THAKOR, INDRAJIT</li> <li>(74)PATIL, CHETAN</li> <li>(74)SHAH, HIRAL</li> <li>(74)PATEL, SAMIR</li> <li>(74)ARAMAN, VENKAT RAMAN</li> </ul></li></ul>
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(57) Abstract :

The present invention relates to a novel process for the preparation of Silodosin.

No. of Pages : 25 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SOUND BARRIER FOR HERMETIC COMPRESSORS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F04B39/00 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EMERSON CLIMATE TECHNOLOGIES (INDIA) LTD Address of Applicant :PLOT NO. 23, RAJIV GANDHI</li> </ul>
(33) Name of priority country	:NA	INFOTECH PARK, PHASE-II HINJEWADI, PUNE- 411057,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SATHE DILIP
(61) Patent of Addition to Application Number	:NA	2)NAGRAJ JAYANTH
Filing Date	:NA	3)KULKARNI RAJENDRA
(62) Divisional to Application Number	:NA	4)NALAVADE SUMEDH
Filing Date	:NA	

(57) Abstract :

A sound barrier for a hermetic compressor is disclosed in accordance with an embodiment of the present disclosure. The sound barrier is having a body defining an enclosure and at least partially enclosing an operative top portion of the hermetic compressor. The body is removably secured to the operative top portion of the compressor for forming a barrier between moving parts of the hermetic compressor and a shell of the hermetic compressor, such that the moving parts of the hermetic compressor are isolated from gases held within the shell of the hermetic compressor, thereby preventing vibrations and noise from the moving parts to radiate to the shell and outside the shell of the hermetic compressor via the gases.

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

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A METHOD FOR LARGE SCALE SYNTHESIS OF OPTICALLY STIMULATED LUMINESCENCE GRADE POLYCRYSTALLINE CERAMIC MATERIAL.

(31) International classificationE(31) Priority Document NoII(32) Priority DateII(33) Name of priority countryII(86) International Application NoIIFiling DateII(87) International Publication NoII(61) Patent of Addition to Application NumberIIFiling DateII(62) Divisional to Application NumberII	C09K11/65, B02C19/00 NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE SECRETARY, DEPARTMENT OF ATOMIC</li> <li>ENERGY.</li> <li>Address of Applicant :GOVT. OF INDIA, ANUSHAKTI</li> <li>BHAVAN, CHATRAPATI SHIVAJI MAHARAJ MARG,</li> <li>MUMBAI-400001, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)MUTHE, MR. KUNAL PURNACHANDRA</li> <li>2)KULKARNI, DR. MUKUND SHRINIVAS</li> <li>3)SONI, MR. ANUJ</li> <li>4)SINGH, DR. AJAY</li> <li>5)RAWAT, MR. NARENDER SINGH</li> <li>6)MISHRA, DR. DEVESH RAMDHAR</li> <li>7)PRADEEP, SMT. RATNA</li> <li>8)BHATTACHARYA, DR. SHOVIT</li> <li>9)SHARMA, DR. DEVA NAND</li> <li>10)GUPTA, DR. SHIV KUMAR</li> </ul>
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(57) Abstract :

A method for the synthesis of OSL grade polycrystalline mass of ceramic materials with dopant C involving source ceramic material preferably in its readily available powder form comprising the steps of melting of the said ceramic material in graphite environment including a graphite crucible/container in vacuum; and obtaining there from polycrystalline aggregate by rapid solidification of said melt to thereby provide for said polycrystalline mass of ceramic materials with dopant C of optically stimulated luminescence grade. The said powder form of the ceramic material is compacted and formed into pellets before subjecting to melting.

No. of Pages : 26 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : OIL STIRRER FOR COM	MPRESSORS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		(71)Name of Applicant :

(57) Abstract :

A compressor having an oil sump is disclosed in accordance with an embodiment of the present disclosure. The compressor includes an agitation system for agitating oil held in the oil sump. The agitation system includes a stirrer mounted on a rotor of the compressor and at least partially submerged within the oil held in the oil sump. The stirrer agitates the oil before the oil is handled by an oil-pickup element for conveying the oil to rotating parts of the compressor.

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

#### (19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "JOINT FOR ECCENTRIC WORM PUMPS"

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F04C2/00, F04C2/107, F16D3/207, F16D3/1 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	
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#### (57) Abstract :

The present invention provides a universal joint for an eccentric pump. The universal joint of the present invention is a rugged joint with simple design that is easy to manufacture and less expensive. The eccentric worm pump of the present invention includes side covers that are capable of being removed in case of failure of joints without dismantling the eccentric worm pump.

No. of Pages : 13 No. of Claims : 3

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CRYSTALLINE FORM OF DIMETHYL (3, 3-DIFLUORO-2-OXOHEPTYL) PHOSPHONATE AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D311/94, C07F9/40	(71)Name of Applicant : 1)LUPIN LIMITED
(31) Priority Document No	:NA	Address of Applicant :159 CST ROAD, KALINA,
(32) Priority Date	:NA	SANTACRUZ (EAST), MUMBAI-400 098, STATE OF
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DESHPANDE, TUSHAR, NANDKUMAR
(87) International Publication No	: NA	2)KOLEKAR, MAHESH, RAMKUMAR
(61) Patent of Addition to Application Number	:NA	3)PAGHDAR, DINESH, JAYANTIBHAI
Filing Date	:NA	4)CHAVAN, YUVRAJ, ATMARAM
(62) Divisional to Application Number	:NA	5)RAY, PURNA, CHANDRA
Filing Date	:NA	6)SINGH, GIRIJ, PAL

(57) Abstract :

The present invention relates to the crystalline form of dimethyl (3, 3-difluoro-2-oxoheptyl) phosphonate which is a useful intermediate for preparation of Lubiprostone.

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

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : INTERNAL TURBO, MULTICOMBUSTION, HEAT RECOVERY AIR HYBRID COMPACT ENGINE AND MULTISTAGE COMPACT COMPRESSOR AND METHODS THEREOF

<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>NA</li> <li>(63) NA</li> </ul>	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	F04D29/44, F02C3/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHELKE DATTATRAYA RAJARAM Address of Applicant :BLOCK NO. 305, A - WING, EKDANT APARTMENT, SWAMI VIVEKANAND CHOWK, URAN, DIST. RAIGAD 400702, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)SHELKE DATTATRAYA RAJARAM</li> </ul>
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#### (57) Abstract :

Systems and methods for compression of air or working fluid, the system comprising a) a cylinder; b) a piston; c) a plurality of control valves at the head of the cylinder for fluid communication of working fluid comprising of at least one input port valve at the cylinder head"; and "at least one output port valve at the cylinder head"; and d) a plurality of control valves arranged in the fluid conduit formed at the base of piston 1 for fluid communication of working fluid comprising of "at least one input port valve at the piston base" and "at least one output port valve at the piston base".

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

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

#### (54) Title of the invention : "KETOROLAC TROMETHAMINE PREFILLED SYRINGE".

	1	(71)Nome of Annihoest a
(51) International classification	:A61M 3/00.	(71)Name of Applicant : 1)AGRAWAL, PAWAN
	A61K31/00	
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(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)AGRAWAL, 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 embodiment of the proposed invention relates to Ketorolac tromethamine prefilled syringe for contamination free drug delivery. The present syringe being prefilled containing Ketorolac Tromethamine so chances of breakage, subsequent material loss and medical wastage are considerably reduced. The present syringes is prefilled with Ketorolac Tromethamine and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(12) Date of filing of Application :07/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : OPTICAL SCANNER BASED FABRIC PILLING MEASUREMENT SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	D06H3/00, G06K 7/10 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY (CIRCOT)</li> <li>[INDIAN COUNCIL OF AGRICULTURAL RESEARCH, DARE, GOVT. OF INDIA] ADENWALA ROAD, MATUNGA, MUMBAI 400019, MAHARASHTRA, INDIA</li> </ul>
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)DR. R. P. NACHANE
(61) Patent of Addition to Application Number	:NA	2)VIJAY M. MAYEKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fabric pilling measurement system is disclosed which is capable of accurate, precise performance in objective non-contact assessment of the pilled fabric surface profile and yet is characterized in being inexpensive as well as easy to construct, operate and maintain.

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

#### (19) INDIA

(22) Date of filing of Application :04/02/2013

#### (54) Title of the invention : "A PREFILLED SYRINGE CONTAINING AMINOPHYLLINE"

	:A61M	(71)Name of Applicant :
(51) International classification	3/00,	1)AGRAWAL, PAWAN
	A61K31/00	Address of Applicant :F 22, AKASH TOWER, OPP:
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(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)AGARWAL, 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 embodiment of the proposed invention relates to prefilled syringe containing Aminophylline which is cost effective and enables contamination free administration of Aminophylline. The present syringes being prefilled so chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringe is prefilled with Aminophylline and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 19 No. of Claims : 3

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A DRYING AND ROASTING SOLAR ENERGY APPARATUS AND METHOD OF USING THE SAME

		(71)Name of Applicant :
(51) International classification	F26B17/14,	1)RAJARAMBAPU INSTITUTE OF TECHNOLOGY
	F24J2/04	Address of Applicant :RAJARAMNAGAR, SAKHARALE -
(31) Priority Document No	:NA	415414 (ISLAMPUR) TALUKA: WALWA, DISTRICT:
(32) Priority Date	:NA	SANGLI, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KUMBHAR, SAMIR BHAGWAN
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 the food-processing-industry and drying and roasting solar-energy-apparatus. In the existing systems, where heat is removed from heat-receivers with the help of working fluids like steam, hot water, thermal oil and such other heat-removing agents and supplied to utilization side where food material is to be heat-processed it becomes very difficult to control the operating temperature range applied to food material. In the present invention, a focal-line-location-adjustment-mechanism is provided to enable changing location of focal line of reflector trough with respect to location of centre line of heat-receiver-pipe, thereby supplying appropriate needful amount of solar-heat-energy to process the food material at adequate temperature-range. The invention is used in the food-processing industry to dry and roast the food material.

No. of Pages : 20 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : SLIDING / ROLLING WINDOW / DOOR SYSTEM WITH NEW ENHANCED CLOSED TRACK BALL MECHANISM AND ANY POSITION LOCKING SYSTEM.

(51) International classification	:E05D 15/06, E06B 3/92	<ul> <li>(71)Name of Applicant :</li> <li>1)MR. SHRIKANT BHAURAO THAKUR Address of Applicant :H-73, VIOLA COMPLEX, NEAR CIPLA FOUNDATION, WARJE, PUNE. Maharashtra India</li> </ul>
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MR. SHRIKANT BHAURAO THAKUR
(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 :

Following invention provides Design and Mechanism for construction of sliding doors and windows along with enhanced œClosed Track System , œRolling Ball Mechanism for sliding windows & doors, œAny Position Locking System , design and mechanism of œDouble Glass Section (D.G.S.) for construction of sound proof doors and windows without using double glazed unit (D.G.U.) as per the conventional method. With the help of present invention the an attempt has been made in order to make the profile sections more sleek, compact and sturdy by implementation of a new design which reduces its height, width dimensions and increasing the wall thickness of profile section in order to keep the cost at par with prevailing systems available, along with enhanced Durability, Efficiency of the structure and its mechanism & Features. Following invention is described in detail with the help of figure 3 showing one of the preferred embodiments of the invented tracking system for sliding doors and windows.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(12) Date of filing of Application :07/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PROCESS FOR THE PREPARATION OF DIANHYDROSUGAR ALCOHOLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:C08G63/672, C07D493/04, C07D307/20 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER- IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA</li> <li>(72)Name of Inventor :</li> </ul>
(86) International Application No	:NA	1)GOKHALE UDAY
Filing Date	:NA	2)UPPARA PARASU VEERA
(87) International Publication No	: NA	3)ADURI PAVAN KUMAR
(61) Patent of Addition to Application Number	:NA	4)SAKHALKAR MANGESH
Filing Date	:NA	5)RATNAPARKHI UDAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for the preparation a dianhydrosugar alcohol; said process comprising dehydrating a sugar alcohol in the presence of at least one phosphonate based acid catalyst with simultaneous removal of water to obtain a reaction mixture followed by removing residual water from the reaction mixture; and obtaining the dianhydrosugar alcohol by subjecting the reaction mixture to fractional distillation.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "TOPICAL PHARMACEUTICAL COMPOSITIONS"

:NA :NA :NA :NA :NA	1)MALHOTRA, GEENA 2)PURANDARE, SHRINIVAS MADHUKAR
:NA	
	:NA :NA :NA :NA :NA

(57) Abstract :

A topical pharmaceutical composition comprising minoxidil and at least one or more pharmaceutically acceptable excipients

No. of Pages : 26 No. of Claims : 27

#### (22) Date of filing of Application :29/01/2013

#### (43) Publication Date : 14/11/2014

### (54) Title of the invention : AUTOMATED METHOD AND SYSTEM FOR DIET MANAGEMENT HAVING FACILITY OF CUSTOMIZATION AND MANIPULATION

(51) International classification	G06Q30/00	(71)Name of Applicant : 1)VARUN MISHRA
(31) Priority Document No	:NA	Address of Applicant :C/O V.K. MISHRA, C/4 K.V. STAFF
(32) Priority Date	:NA	QTRS, NEAR HANUMAN MANDIR, CANTONMENT,
(33) Name of priority country	:NA	AHMEDABAD - 380004 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VARUN MISHRA
(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, Automated diet management system describes Architecture, Systems & Methodology of automated diet management system. Systems and methods are disclosed for providing an automated diet management system. There are certain factors which make people worried at the time of course. This system would provide them a place where they can eat without worrying about those factors like money, circumstances, ambience at that time. This system provide user to go for manual or automated processes at any stage, depending on his/her choice. System provides a healthier way of eating which eradicates or minimizes the level of risk of some factors mentioned above can affect one"s health.

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

(22) Date of filing of Application :07/02/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A PROCESS FOR RECOVERY OF DICARBOXYLIC ACID FROM AN EFFLUENT GENERATED DURING POLYESTER FABRIC PROCESSING

(51) International classification	:C07C63/33, C07C51/47, C07C51/43	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(31) Priority Document No	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021,
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NAYAK SHILPA GIRISH
Filing Date	:NA	2)LABDE JAYPRAKASH VINAYAK
(87) International Publication No	: NA	3)SUBBIAH VENKATACHALAM
(61) Patent of Addition to Application Number	:NA	4)KELKAR ANIL KRISHNA
Filing Date	:NA	5)BHARADWAJ SANJAY KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for recovery of dicarboxylic acid from an effluent comprising dissolved organic and inorganic constituents, said process comprising the following steps of purging the effluent with a substantially oxygen free inert gas and filtering the precipitate containing dicarboxylic acid and iteratively washing it to obtain a dicarboxylic acid.

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

(19) INDIA(22) Date of filing of Application :30/01/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : "AN APPARATUS FOR TREATING MATTER USING INDUCTIVELY COUPLED PLASMA"

(51) International classification	:C12M1/42, C12N13/00, A61K36/00	· ·
(31) Priority Document No	:NA	ESTATE, SECTOR 25, GANDHINAGAR - 382 016, GUJARAT,
(32) Priority Date	:NA	(INDIA)
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JAIN, VISHAL
Filing Date	:NA	2)VISANI, ANAND
(87) International Publication No	: NA	3)PATEL, BHUPENDRA K.
(61) Patent of Addition to Application Number	:NA	4)PATIL,CHIRAYU
Filing Date	:NA	5)NEMA, SUDHIR KUMAR
(62) Divisional to Application Number	:NA	6)JHALA, PRADYUMANSINH BALVIRSINH
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to an apparatus for treating matter is provided which uses inductively coupled plasma. The apparatus comprises a radio frequency(RF) source for providing RF power, a matching network coupled to the RF source configured to match the RF power required for a load and a treatment chamber coupled to the matching network, the treatment chamber comprising an inductor wounded around the treatment chamber, the inductor being configured to receive RF power from the matching network wherein the treatment of the matter is configured to be carried out at in presence of air at atmospheric pressure.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(12) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM AND METHOD FOR VALIDATION AND CONVERSION OF ELECTRONIC DATA

	,	(71)Name of Applicant :
(51) International classification	G06F13/38,	1)TATA CONSULTANCY SERVICES LIMITED
	G06F5/00	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(31) Priority Document No	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MOHANTY, SUBHASISH
Filing Date	:NA	2)NAYAK, SIBEN
(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	
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#### (57) Abstract :

The present invention provides a system and method for validating electronic data and content associated with said data. A receiving module receives input electronic data and validation engine validates the electronic data type and its content against predefined regular expressions. The invalid electronic data and its content found during validation is transmitted back to the input electronic data as error messages in order to modify input electronic data and its content. The validated input electronic file is further processed in order to convert the electronic data and its content into user defined object in target file format using predefined mapping process.

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

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "MUFFLER WITH MULTIPLE FLUTED TUBES FOR SOUND SUPPRESSION IN AUTOMOBILES"

(51) International classification:F01N13/20, F01N1/06(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED(31) Priority Document No:NAAddress of Applicant : R & D CENTER, AUTOMOTIVE(32) Priority Date:NASECTOR, 89, M.I.D.C. SATPUR, NASHIK-422 007,(33) Name of priority country:NAMAHARASHTRA, INDIA(86) International Application No:NA(72)Name of Inventor : I)R.P. SENTHIL KUMAR(87) International Publication No:NA2)SAJITH P. NAIR(61) Patent of Addition to Application Number:NA3)GANESH BABARFiling Date:NA4)N. JAYAKUMAR(62) Divisional to Application Number:NAFiling Date:NA	
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#### (57) Abstract :

A muffler with multiple fluted tubes for sound suppression in automobiles comprising a closed longitudinal main body, having outer shell (7) with end plates at both side, of with geometrical shape cross section. A first chamber (7A) and second chamber (7B) formed and separated in the said body by a baffle (4) having small series of holes through therein. An inlet pipe at one end at central axis of the said body provided in the first chamber for the exhaust gas to enter into the said body. A first divergent in shape pipe (2) attached to the said inlet pipe at the said first chamber. At least two number of fluted tubes, having one through hole in the upstream of pipe (3) and series of holes in the downstream, at parallel to and distant from the longitudinal axis of the said body provided passing through and supported in the said baffle. An outlet pipe (5) in the said second chamber provided at other end at central axis of the said body. A second divergent Pipe (6) attached to the said outlet pipe at the outside of the said body.

No. of Pages : 12 No. of Claims : 4

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ACTUATOR FOR TACTILE DISPLAY DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G09B21/00, G06F1/16 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAPRE ASHOK SITARAM Address of Applicant :"PRASHANT", 39, ASHOK NAGAR, RANGE HILL ROAD, PUNE-411 007, MAHARASHTRA, INDIA (72)Name of Inventor : 1)SAPRE ASHOK SITARAM </li> </ul>
(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 an actuator of tactile display devices for visually impaired people which is economical and reliable. The actuator comprises of a polarized electromagnetic actuator coupled to a tactile element (dot) having a cam groove, an armature that swings about a pivot point. The invention can be used to provide an energy-efficient tactile display device wherein the actuator for controlling the tactile element is capable of achieving stable end positions without any external power source.

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

#### (19) INDIA

(22) Date of filing of Application :31/01/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : "HYDROPHOBIC COATING"		
(51) International classification	,	(71)Name of Applicant :
(31) Priority Document No	C09K5/16 :NA	1)DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY, (DEEMED UNIVERSITY)
(32) Priority Date	:NA	Address of Applicant :GIRINAGAR, P.O. PUNE 411025,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALASUBRAMANIAN K.
(87) International Publication No	: NA	2)BICHITRA NANDA SAHOO
(61) Patent of Addition to Application Number	:NA	3)BALAKRISHNAN SABARISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a method capable of forming a super hydrophobic coating on a surface wherein said coating is prepared by mixing carbon particles, collected from a soot generated by exposing a hydrocarbon source on a heat resistant surface, with a hydrocarbon polymer solution followed by mixing and ultrasonication thereof to obtain a final hydrophobic/ superhydrophobic composite that is coated on a substrate by a spin/ spray coating technique to obtain superhydrophobic coated article of the present invention. The present invention provides a simplistic and cost effective approach towards achieving superhydrophobic coated article which preferably has a nanopillar array or hierarchical microstructure thereon that exhibits a static contact angle greater than 150 degree, a contact angle hysteresis less than 10 degree and/ or a roll-off angle less than 5 degree.

No. of Pages : 92 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION(19) INDIA

### (22) Date of filing of Application :06/02/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : "A SYSTEM FOR CORRECTION OF REFRACTIVE ERRORS WITHOUT HUMAN INTERVENTION"

(51) International classification	A61F9/011,	
(31) Priority Document No	A61F9/01 :NA	Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)BHUSHAN NAMDEORAO KHARBIKAR
(86) International Application No	:NA	2)AJAY VIJAY SURYAVANSHI
Filing Date	:NA	3)NITIN TUKURAM PAWAR
(87) International Publication No	: NA	4)ANUPAM SHRIDHAR BAM
(61) Patent of Addition to Application Number	:NA	5)AMEY PRALHAD KULKARNI
Filing Date	:NA	6)PROF. ROHIT SRIVASTAVA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention relates to a system for detecting refractive error in human eye and correcting it without any human intervention. The system is configured to produce an auto-tunable eyeglass, said system comprises of a calibration unit (101) for calculating the refractive error of the eye and a tunable lens system (102) configured to receive output from said calibration unit (101). The calibration unit further comprises of a Digital Signal Processor (104), light source in the form of LED/LD (105) along with LED/LD driver (106), Charge-coupled device (CCD) array (108), CCD interface (109), LED/LD and serial link communicator for communicating with the tunable lens system (102). The magnitude and polarity of correction required in the human eye is calculated by the calibration unit (101). The calculated magnitude and polarity of correction from the output of the DSP processor (104) is fed to the microcontroller (110) provided on the auto-tunable eyeglass. The microcontroller (110) then loads the magnitude and polarity of correction into the output compare register of its timer section. The microcontroller then generates a Pulse Width Modulation (PWM) waveform. The PWM waveform is applied to hydrogel of the tunable lens system (102). The applied PWM waveform drives the actuation mechanism, which in turn sets the power of a tunable lens system (102). The applied level to compensate for the refractive error and as a result, the focus of the lens changes.

No. of Pages : 52 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :06/02/2013

(54) Title of the invention : IMPROVED YARN CYLINDER		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)LIN, YING-LING <ul> <li>Address of Applicant :NO. 123, LU-CHU ST., LU-CHU</li> <li>TSUEN LU-CHU HSIANG, TAO-YUAN COUNTY, TAIWAN, 338 R.O.C. Taiwan</li> <li>(72)Name of Inventor :</li> <li>1)LIN, YING-LING</li> </ul> </li> </ul>

(57) Abstract :

The yarn cylinder includes a hollow cylindrical body; a groove, almost annularly disposed around the cylindrical body, being formed with four sections of teeth to define four segments; and a plurality of recesses, located beside the groove one by one, each recess having a tapered end, and all tapered ends being toward the same direction.

No. of Pages : 12 No. of Claims : 1

(19) INDIA(22) Date of filing of Application :06/02/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "PHARMACEUTICALLY ACCEPTABLE COMPLEX COMPRISING PEMETREXED"

	,	(71)Name of Applicant :
(51) International classification	A61K47/10,	
	A61K9/20,	Address of Applicant :MUMBAI CENTRAL, MUMBAI-400
	A61K31/	008, MAHARASHTRA. India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)RAO, DHARMARAJ RAMCHANDRA
(33) Name of priority country	:NA	2)KANKAN, RAJENDRA NARAYANRAO
(86) International Application No	:NA	3)PATHI, SRINIVAS LAXMINARAYAN
Filing Date	:NA	4)PUPPALA, RAVIKUMAR
(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 complex comprises pemetrexed and a coformer. A pharmaceutical composition comprises a complex of pemetrexed and a coformer and one or more pharmaceutically acceptable excipients.

No. of Pages : 42 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : "VEHICLE CABIN HEATING AND COOLING ARRANGEMENT"

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F25B39/00, F28D1/053, B60H1/22, B60H1/3 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TATA MOTORS LIMITED</li> <li>Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY</li> <li>STREET, HUTATMA CHOWK, MUMBAI 400 001,</li> <li>MAHARASHTRA, INDIA</li> </ul>
(31) Priority Document No (32) Priority Date	:NA :NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MANDAL GOUTAM
(86) International Application No	:NA	2)SANDEEP KUMAR PRADHAN
Filing Date (87) International Publication No	:NA : NA	3)S DEY SARKAR 4)ANUP BARIK
(61) Patent of Addition to Application Number	:NA	5)ARIJIT SAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The disclosure relates to a vehicle cabin heating and cooling arrangement comprising a tubular exhaust pipe having a tangential inlet pipe and a longitudinal outlet pipe; an engine exhaust pipe connected to the tangential inlet pipe for communicating exhaust gasses from the engine to the tubular exhaust pipe; at least one heat exchanger provided within the tubular exhaust pipe such that the longitudinal outlet pipe passes therethrough; at least one heat exchange pipe fluidically connected to the heat exchanger and the vehicle cabin; and a flow inducer coupled with the heat exchange pipe for forcing heat exchanged gas and refrigerant from the heat exchanger to the vehicle cabin.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROVIDING ALERTS ON COMMUNICATION DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHAVIN TURAKHIA <ul> <li>Address of Applicant :DIRECTIPLEX, OLD NAGARDAS</li> <li>ROAD, NEAR ANDHERI SUBWAY, ANDHERI (EAST),</li> <li>MUMBAI 69 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)BHAVIN TURAKHIA</li> </ul> </li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system of providing an alert of an event on a communication device are disclosed. A determination may be made that a communication device of a user is a preferred communication device among a plurality of communication devices of the user based on an indication of an activity on the communication device. An indication of an event may be received. In response to the indication of the event, an attempt may be made to cause an alert for the event to be generated only on the preferred communication device.

No. of Pages : 47 No. of Claims : 20

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : DYEING OF SILK, WOOL, NYLON AND JUTE WITH TETRACYCLINE HYDROCHLORIDE DRUG

(57) Abstract :

The present invention relates to dyeing of textile materials, such as silk, wool, nylon and jute with tetracycline hydrochloride drug and tetracycline derivative especially doxycycline wherein dyeing performed in acidic pH dyebath at 60 to  $110 \,^{\circ}\text{C}$ .

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PROCESS FOR CATALYTIC GASIFICATION OF CARBONACEOUS FEEDSTOCK

(51) International classification (31) Priority Document No	:C01B3/36, C01B6/24, C01B3/02, C10J3/00, :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER- IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA </li> </ul>
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)DAGGUPATI SATEESH
(86) International Application No	:NA	2)MANDAL SUKUMAR
Filing Date	:NA	3)DAS ASIT KUMAR
(87) International Publication No	: NA	4)SAPRE AJIT VISHWANATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An improved process for the catalytic gasification of a carbonaceous feedstock in a dual fluidized bed reactor for producing synthesis gas is disclosed. The disclosure uses  $\gamma$ -alumina as a catalyst support and heat carrier in the gasification zone (102). The gasification zone (102) is operated at 700 - 750 °C with an expectation to prevent substantially the conversion of y-alumina to a-alumina, which would manifest in the enablement of high catalyst loading and high recyclability. The catalyst is an alkali metal, preferably K2C03, so that conversion proportional to total K2CO3 to solid carbon ratio is achieved with as high K2CO3 loading as 50 wt% on the solid support. The combustion zone (140) is operated at 800° - 840° C, to prevent any conversion of the y-alumina to a-alumina, so that catalyst recyclability of up to 98% is achieved between two successive cycles.

No. of Pages : 34 No. of Claims : 24

#### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SEMICONDUCTOR COMPOUNDS

(57) Abstract :

This invention comprises a semiconducting polymer having a permittivity greater than 3.4 at 1000 Hz and a charge mobility in the pure state greater than 10cmVs and more preferably greater than 10cmVs. Preferred polymers include repeating units of triarylamines which have specific cyano and/or alkoxy substitution. They are suitable for use in electronic components such as organic thin film transistors.

No. of Pages : 49 No. of Claims : 6

(21) Application No.10104/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE ARRANGEMENT FOR IMPLEMENTING REMOTE CONTROL OF PROPERTIES (51) International classification :H04L12/28,H04L29/06 (71)Name of Applicant : (31) Priority Document No 1)TOSIBOX OY :20115512 (32) Priority Date Address of Applicant : Elektroniikkatie 8 FI 90590 Oulu :24/05/2011 (33) Name of priority country :Finland Finland (86) International Application No :PCT/FI2012/050484 (72)Name of Inventor : Filing Date :22/05/2012 1)YLIMARTIMO Veikko (87) International Publication No :WO 2012/160257 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In a remote control method and remote control system according to the invention a virtual private network (55) is established between a home control network key (42b 41c) and a home control network device (61). In order to create the virtual private network both the home control network key and the home control network device determine their network paths to the Internet (2) from the data transfer network (3 5) to which they are connected. The determined network paths are stored in a home control network server (21) on the Internet (2). When it is desired to form a virtual private network the home control network server (21) supplies the stored network paths to the home control network key (42b 41c) and the home control network device (61). By utilising the received network paths the home control network key (42b 41c) and the home control network device (61) establish between them a virtual private network (55) to which the client device (41c) used by the person performing the remote controlling and the actuators (62 65) to be remote controlled are also connected in order to implement the remote control.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DISPLAY APPARATUS AND METHOD (51) International classification :G06F3/048,G06F3/14,G06F3/041 (71)Name of Applicant : (31) Priority Document No :1020110051664 1)SAMSUNG ELECTRONICS CO. LTD. (32) Priority Date :30/05/2011 Address of Applicant :129 Samsung ro Yeongtong gu Suwon (33) Name of priority country :Republic of Korea si Gyeonggi do 443 742 Republic of Korea (86) International Application (72)Name of Inventor : :PCT/KR2012/004241 1)BANG Hyo sang No :30/05/2012 2)SEUNG Jung ah Filing Date (87) International Publication 3)LIM Eun sil :WO 2012/165845 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A display apparatus and method capable of displaying main content and auxiliary content on the same screen switching the contents displayed on the screen with each other and displaying a plurality of contents as auxiliary contents by expanding an area of the screen that displays auxiliary content.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 14/11/2014

#### PHOTOGRAPHS INTO A FINISHED COMPOSITION (51) International classification :G06F3/00 (71)Name of Applicant : (31) Priority Document No 1)ZALETEL Michael Edward :61/493219 (32) Priority Date Address of Applicant :378 E Clifton Court Gilbert AZ 85295 :03/06/2011 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2012/040717 (72)Name of Inventor : Filing Date :04/06/2012 1)ZALETEL Michael Edward (87) International Publication No :WO 2012/167238 (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 : RECORDING EDITING AND COMBINING MULTIPLE LIVE VIDEO CLIPS AND STILL

#### (57) Abstract :

The present invention relates to a method of dynamically creating a video composition including the steps; a) recording a first real world event as a first video clip using a video composition creation program residing on a portable device in response to a first user record input the portable device comprising a camera lens a processor a memory device and a display device that displays an image of the first real world event perceived by the camera lens during the recording of the first real world event; and b) selecting a transition using the video composition creation program in response to a user transition selection input the video composition creation program automatically combining the first video clip and the selected transition to create the video composition; and c) the video composition creation program saving the video composition on the memory device as a single file in response to a user save input.

No. of Pages : 93 No. of Claims : 127

(21) Application No.10387/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13/153926 :06/06/2011 :U.S.A. :PCT/US2012/038677 :18/05/2012 :WO 2012/170182 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AUTOMATIC SWITCH COMPANY Address of Applicant :50 Hanover Rd. Florham Park New Jersey 07932 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HALLER John J.</li> </ul>
Filing Date	:NA	

#### (54) Title of the invention : NEAR FIELD WIRELESS POWERED SOLENOID VALVE

(57) Abstract :

A solenoid valve assembly including a process control valve plumbed within a hazardous environment; a solenoid coil mated to the valve and configured to operate the valve the solenoid coil located within the hazardous environment; a valve coil configured to receive power and transfer that power to the solenoid coil thereby operating the valve the valve coil located within the hazardous environment; and a controller coil configured to transmit power to the valve coil the controller coil located in the hazardous environment

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

(21) Application No.10150/CHENP/2013 A

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:C08F10/02,C08F2/00	(71)Name of Applicant :
(31) Priority Document No	:11171288.1	1)INEOS EUROPE AG
(32) Priority Date	:24/06/2011	Address of Applicant : Avenue des Uttins 3 Rolle CH 1180
(33) Name of priority country	:EPO	Vaud Switzerland
(86) International Application No	:PCT/EP2012/062011	(72)Name of Inventor :
Filing Date	:21/06/2012	1)MARISSAL Daniel
(87) International Publication No	:WO 2012/175632	2)KOCH Benoit
(61) Patent of Addition to Application	:NA	3)MOINEAU Christophe
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

#### (54) Title of the invention : SLURRY PHASE POLYMERISATION PROCESS

(57) Abstract :

(19) INDIA

A slurry process for the polymerisation of ethylene is disclosed which takes place in a reactor system comprising one or more reactors in series having a characteristic such that the average polymerisation productivity [kgPE/kgcata] per unit ethylene per hour al during operation at any first residence time r1 is less than 1.7 (a2r2 a1r1)/(r2 r1) where a2 is the average polymerisation productivity [kgPE/kgcata] per unit ethylene per hour during operation at any second residence time r2 where r2 > r1 a2 and r2 being measured either in the same reactor in the case of a single reactor polymerisation or in a reactor subsequent to the reactor in which al and r1 are measured in the case where the polymerisation takes place in more than one reactor and wherein the specific yield of the reactor system is greater than 0.3 tonnes/m specific yield being the production rate of the final reactor (kg/h) in the reactor system divided by the total volume of all the reactors in the reactor system (m) multiplied by the total residence time in all the reactors in the reactor system (h). Operating the system under the above conditions results in improved productivity/unit ethylene.

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

(19) INDIA

(22) Date of filing of Application :19/12/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : MEDIA STOP	RAGE DEVICE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G07D9/00 :2011224973 :12/10/2011 :Japan :PCT/JP2012/067648 :11/07/2012 :WO 2013/054575 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OKI ELECTRIC INDUSTRY CO. LTD. Address of Applicant :1 7 12 Toranomon Minato ku Tokyo 1058460 Japan</li> <li>(72)Name of Inventor :</li> <li>1)OHARA Shinji</li> <li>2)IWATSUKI Kei</li> </ul>
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A temporary hold section in a media storage device monitors the ON/OFF state of a jam detection sensor said monitoring being done between a drum winding start point and a transfer roller clamp point. Said monitoring enables detection of a banknote jam between the winding start point and the clamp point without using a pulse count even if the pulse count drifts from the actual banknote position when rewinding a banknote with a reset action. A banknote storage problem can be detected significantly more accurately than previously.

No. of Pages : 60 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 14/11/2014

( )		
(51) International classification	:F16L 55/178	(71)Name of Applicant :
(31) Priority Document No	:2011199670	1)NOK CORPORATION
(32) Priority Date	:13/09/2011	Address of Applicant :12 15 Shiba Daimon 1 chome Minate
(33) Name of priority country	:Japan	ku Tokyo 1058585 Japan
(86) International Application No	:PCT/JP2012/070422	(72)Name of Inventor :
Filing Date	:10/08/2012	1)NAGATA Atsushi
(87) International Publication No	:WO 2013/038855	2)USHIJIMA Shinji
(61) Patent of Addition to Application	:NA	3)MUKAI Shingo
Number	:NA :NA	4)HAYASHI Eizo
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(53) 11		•

#### (54) Title of the invention : GASKET AND SEALING STRUCTURE

(57) Abstract :

Provided are a gasket and a sealing structure capable of exhibiting in a stable fashion a sealing property even when a surface to be sealed is a roughened surface such as a cast skin. A gasket (10) made from a rubber type elastic body which is mounted in a mounting groove provided on at least one of two members and seals the gap between the two members is characterized in that being provided with: a first seal surface (10a) for contacting with the surface of one of the two members; a second seal surface (10b) for contacting with the surface of the other of the two members; a third seal surface (10c) for contacting with a lateral surface of the mounting groove; and a pressure receiving groove (11) provided so as to be in parallel to the first seal surface and the second seal surface the pressure receiving groove opening on the side subjected to sealed fluid pressure that being the side opposite from the third seal surface.

No. of Pages : 46 No. of Claims : 6

(21) Application No.1563/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : WATCH WITH MULTI-COLOURED COMPONENTS

(51) International classification	:G01N33/00	(71)Name of Applicant :
(31) Priority Document No	:00512/12	1)ETA SA MANUFACTURE HORLOGERE SUISSE
(32) Priority Date	:13/04/2012	Address of Applicant :SCHILD-RUST-STRASSE 17, CH-
(33) Name of priority country	:Switzerland	2540 GRENCHEN Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STARK, STEFAN
(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 :

Method for forming an assembly of elementary timepiece components, each available in different coloured variants, wherein at least some of said different elementary components are the same colour as each other, characterized in that a random selection is made of each said elementary component until said complete assembly is obtained, so that at least two elementary components are of different colours.

No. of Pages : 15 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(21) Application No.10352/CHENP/2013 A

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:A61F13/15,A61F13/49 :2011147780 :01/07/2011 :Japan :PCT/JP2012/066747 :29/06/2012 :WO 2013/005682 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNICHARM CORPORATION <ul> <li>Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo</li> </ul> </li> <li>shi Ehime 7990111 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)TAKAHASHI Kazuhiko</li> <li>2)WATANABE Tomohiro</li> <li>3)MIYAKI Masanobu</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestro et :		

#### (54) Title of the invention : METHOD FOR DISCHARGING ABSORPTIVE ARTICLE

(57) Abstract :

Provided is a method for discharging absorptive articles the method being capable of improving the yield rate by reliably discharging only an absorptive article including a joint. This method for discharging an absorptive article (PD) includes: a step for providing a joint (P1) at which the trailing edge of a continuous web (WB) being used and the leading edge of the next continuous web (WB) are joined together; a step which on the basis of the length of the continuous web (WB) from the joint (P1) to a cut position (P2) and also on the basis of the dimension (L1) of absorptive articles (PD) in the machine direction (MD) of the continuous web (WB) controls the timing of supply of the continuous web (WB) so that the joint (P1) is located at the center of an absorptive article (PD); and a step for separating only the absorptive article (PD) including the joint (P1) from a manufacturing line (10) and discharging the absorptive article (PD) in the middle of the manufacturing line (10).

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

#### (19) INDIA

(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : SMART ACTIVE ANTENNA RADIATION PATTERN OPTIMISING SYSTEM FOR MOBILE DEVICES ACHIVED BY SENSING DEVICE ENVIRONMENT'S PROPERTY, POSITION, ORIENTATION, SIGNAL QUALITY AND OPERATING MODES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filed on</li> </ul> </li> </ul>	:H01Q1/24 :NA :NA :NA :NA :NA : NA :3432/CHE/2010 :16/11/2010	<ul> <li>(71)Name of Applicant :</li> <li>1)PRASAD MUTHUKUMAR Address of Applicant :20/66, 2ND STREET, DHARMANAGAR, SURAMANGALAM, SALEM-5, PINCODE</li> <li>- 636 005 Tamil Nadu India</li> <li>(72)Name of Inventor :</li> <li>1)PRASAD MUTHUKUMAR</li> </ul>
Filed on	:16/11/2010	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Smart dynamic radiation pattern optimising system is a design and technique to actively shape & optimise the radiation pattern of mobile device controlled by smart RF/Antenna system with signal processing algorithm that works particularly by active & precisely sensing the property or nature [permittivity-£, permeability-u, conductivity-a, susceptibility, dielectric, organic, inorganic] of device platform & environment, sensing environments dimension, direction, range, orientation, position, location, visual & infrared sensing, signal quality parameters and ambient intelligence are all compared with predetermined & tested correlation table parameters in active, adoptive and closed loop manner for precisely computing diffraction [limits], effect of & effect on environment thereby computing beam width, gain & directivity ultimately to optimize antenna radiation pattern to enhance signal quality by directing radiation on feasible & right direction, protecting the user by controlling the radiation exposure on user facing direction [by forming actively tuneable electromagnetic shadow] while maintaining radiations on other directions to sustain communication and to save battery power by controlling radiation in less effective directions. Mobile devices are handled in different environment which influence the antenna performance due to electromagnetic interaction particularly based on environments properties that leads to detuning, radiation pattern distortion, impedance mismatch etc which in turn degrades the signal quality. Also change in device orientation according to usage leads to power loss due to polarization mismatch. So when the signal quality degrades the system will sense & compute in an adaptive closed loop manner to actively optimise the radiation pattern according to scenarios. The design comprise of (a) sensor system 220 to sense the environment's property, sensing environment in multi - direction, dimension, position, layers & range of environment with respect to device, sensing device antenna orientation, visual sensing, infrared or thermal vision, head & hand hold effects through property sensing, location, usage scenarios, operating modes and accordingly generate the trigger signal 230; (b) a processing unit 150 for computing the interrupt control signal 140 based nature of trigger signal, existing signal quality parameters, diffraction limits, effect of & effect on environment with predetermined and tested correlation table parameters; (c) Smart active radiation pattern optimiser 120 that works based on control signal; (d) Antenna system 110 capable of achieving dynamic radiation pattern is coupled with radiation pattern optimiser that actively shapes and controls the radiation pattern accordingly to enhance signal quality, protect the user and also restores radiation according to scenarios to optimise communication. Other aspects of the present invention are the same sensor system 220 is utilised for guiding the user to locate & position the mobile device in living space thereby to achieve optimised performance, protect the mobile device from unauthorised access and with ambient intelligence to alert & interact with the user.

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

#### (19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A METHOD OF OPERATING A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(57) Abstract :

A method of operating a refrigerant recovery and recharge device in a refrigerant recharge mode is disclosed. The method comprises the following steps recharging at least a part of the refrigerant to be charged to a refrigeration equipment in a continuous mode and recharging at least a part of the refrigerant to be recharged to a refrigeration equipment in a pulsing mode. The method is characterized by the following steps varying the quantity of refrigerant to be recharged to a refrigeration equipment in a continuous recharge mode, calculating the remaining quantity of refrigerant to be recharged in the pulsing mode and recharging said remaining quantity of refrigerant in the pulsing mode.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : PORTABLE MOTORISED HANDHELD BATTERY OPERATED SHOE POLISH BRUSH			
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)RAVISHANKAR. S.S. Address of Applicant :330, OMBR LAYOUT, II "E" MAIN, BHUVANAGIRI, BANGALORE - 560 053 Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)RAVISHANKAR. S.S.</li> </ul>	

(57) Abstract :

The present invention generally refers to first of its kind consumer durable which is automated handheld and Battery Operated device specially designed to override and eradicate time consuming strenuous process of conventional human labour oriented shoe brushing and provide hassle free, quick cleaning, colouring and polishing of shoes and allied footwear. This shoe brush rejuvenates and gives perfect gloss and shine in addition to providing longevity to leather, rubber and plastic foot ware. Any type good polish can be used along with it. The polish lasts longer period of time, The quick auto rotary movements of this round shaped brush provides extra shine without causing any kind of damage to the shoes. Its superior quality motor, durable wear & tear resistant brushes provides value based shoe management.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PORTABLE MOTORISED HANDHELD SHOE POLISH BRUSH (51) International classification :A43D (71)Name of Applicant : (31) Priority Document No 1)RAVISHANKAR. S.S. :NA (32) Priority Date Address of Applicant :330. OMBR LAYOUT, II "E" MAIN. :NA (33) Name of priority country BHUVANAGIRI. BANGALORE - 560 053 Karnataka India :NA (86) International Application No (72)Name of Inventor : :NA 1)RAVISHANKAR. S.S. 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 generally refers to first of its kind consumer durable an electric device specially designed to override and eradicate time consuming strenuous process of conventional human labour oriented shoe brushing and provide hassle free, quick cleaning, colouring and polishing of shoes and allied footwear. This electric shoe brush rejuvenates and gives perfect gloss and shine in addition to providing longevity to leather, rubber and plastic foot ware. The quick auto rotary movements of this round shaped brush provides extra shine without causing any kind of damage to the shoes. It lasts for a longer period of time with its superior quality motor, durable wear & tear resistant brushes. This new speciality product assists and helps in better life style and provides value based shoe management.

No. of Pages : 12 No. of Claims : 13

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PORTABLE MOTORISED HANDHELD RECHARGABLE SHOW POLISH BRUSH

(57) Abstract :

The present invention generally refers to first of its kind consumer durable Automated Handheld a electrically rechargeable device specially designed to override and eradicate time consuming strenuous process of conventional human labour oriented shoe brushing and provide hassle free, quick cleaning, colouring and polishing of shoes and allied footwear. This rechargeable shoe brush rejuvenates and gives perfect gloss and shine in addition to providing longevity to leather, rubber and plastic foot ware. The quick auto rotary movements of this round shaped brush provides extra shine without causing any kind of damage to the shoes. It lasts for a longer period of time with its superior quality motor, durable wear & tear resistant brushes. This new speciality product assists and helps in better life style and provides value based shoe management.

No. of Pages : 15 No. of Claims : 13

(21) Application No.10275/CHENP/2013 A

(22) Date of filing of Application :25/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F3/048,G06F3/14	(71)Name of Applicant :
(31) Priority Document No	:61/507983	1)MICROSOFT CORPORATION
(32) Priority Date	:14/07/2011	Address of Applicant :One Microsoft Way Redmond WA
(33) Name of priority country	:U.S.A.	98052 6399 U.S.A.
(86) International Application No	:PCT/US2012/046823	(72)Name of Inventor :
Filing Date	:14/07/2012	1)KOTLER Matthew
(87) International Publication No	:WO 2013/010154	2)SACHIDANANDAM Vignesh
(61) Patent of Addition to Application	:NA	3)GIL Erez Kikin
Number		4)PEARSON Mark
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : LAUNCHER FOR CONTEXT BASED MENUS

(57) Abstract :

(19) INDIA

A launching mechanism for context based menus is provided. A launcher indicator may be provided at a fixed or dynamic location on a user interface enabling a user to activate a context based menu through a variety of touch or gesture actions as well as keyboard mouse or similar device inputs directly related to the indicator or through inference from an action on the displayed content such as selection of a portion of the content. The launcher indicator may provide contextual information such as a type of available context based menu and appear / disappear in an animated fashion. Location of the indicator may also be dynamically adjusted based on selected content user action location (i.e. location of a touch) available display area and so on. Upon activation of the menu the launcher indicator may disappear or be displayed at a center of the context based menu.

No. of Pages : 33 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/12/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : VIDEO REMIXING SYSTEM

classification:G11B27/031,H04N5/265,G06Q10/06(31) Priority Document No:NA(32) Priority Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOKIA CORPORATION <ul> <li>Address of Applicant :Keilalahdentie 4 FI 02150 Espoo</li> </ul> </li> <li>Finland <ul> <li>(72)Name of Inventor :</li> <li>1)MATE Sujeet</li> <li>2)CURCIO Igor D.</li> <li>3)DABOV Kostadin</li> </ul> </li> </ul>
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(57) Abstract :

A method and related apparatus for creating a video remix the method comprising obtaining a plurality of source content in a processing device; determining a plurality of segments from the source content to be included in the video remix; determining editing processes required to transform the plurality of segments into form suitable for the video remix; allocating said editing processes to be executed in parallel in at least one processing device; and merging the plurality of segments received from said editing processes into the video remix.

No. of Pages : 41 No. of Claims : 45

(21) Application No.10279/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : IMPROVEMENTS IN SECURITY DEVICES INCORPORATING COLOUR SHIFTING INKS		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B42D15/00,B44F1/12 :2011100778 :29/06/2011 :Australia :PCT/AU2012/000743 :25/06/2012 :WO 2013/000012 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INNOVIA SECURITY PTY LTD Address of Applicant :Potter Street Craigieburn Victoria 3064 </li> <li>Australia </li> <li>(72)Name of Inventor : 1)TIERNEY Christopher Peter</li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A security document or device is provided which includes at least one area formed from a transparent plastics material which is exposed on at least one side to form a window or half window and a first colour shifting ink composition and a second colour shifting ink composition which both include different colour pigments and interference pigments but which both at a first viewing angle exhibit substantially the same colour when the interference pigments are viewable and at other angles exhibit different colours when viewing the colour pigments.

No. of Pages : 23 No. of Claims : 8

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :08/04/2013

## (54) Title of the invention : NOVEL GRANULE COMPOSITION OF ALPHA-CYPERMETHRIN FOR INDOOR RESIDUAL SPRAY (IRS) AND A PROCESS FOR ITS MANUFACTURE

·A61K	(71)Name of Applicant :
:NA	1)TAGROS CHEMICALS INDIA LIMITED
:NA	Address of Applicant : "JHAVER CENTRE", RAJAH
:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72 MARSHALLS
:NA	ROAD, EGMORE, CHENNAI 600 088 Tamil Nadu India
:NA	(72)Name of Inventor :
: NA	1)RAJAIAH SRIKRISHNAN
:NA	2)S. RAMESH
:NA	3)R. KUPPUSWAMY
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention relates to a novel granule composition of Alpha-cypermethrin used as indoor residual spray (IRS). The invention also relates to a novel process for the manufacture of said granules. The granules so produced are rapidly water dispersible and are also easily suspendable.

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

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PACKING OF POLYCRYSTALLINE SILICON

(51) International classification	:C04B24/40	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)WACKER CHEMIE AG
(51) Thomy Document No	206 251.3	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:17/04/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)MATTES, JOACHIM
Filing Date	:NA	2)LICHTENEGGER, BRUNO
(87) International Publication No	: NA	3)VIETZ, MATTHIAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polycrystalline silicon in the form of one or more fragments or of one or more round rods, surrounded by at least one film of thickness 10 to 1000 urn which encloses the polycrystalline silicon, this at least one film being surrounded by a further film having a reinforcing structure or by a shaping element.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : STABLE COMPOSITIONS OF ETIFOXINE AND ITS SALTS

(51) International classification	·C07D265/14	(71)Name of Applicant :
	:NA	1)GENOVO DEVELOPMENT SERVICES LIMITED
(31) Priority Document No		
(32) Priority Date	:NA	Address of Applicant : PLOT NO: 36, BOMMASANDRA
(33) Name of priority country	:NA	INDUSTRIAL ESTATE, ANEKAL TALUK, BANGALORE -
(86) International Application No	:NA	560 099 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BOTHRA CHANDANMAL PUKHRAJ
(61) Patent of Addition to Application Number	:NA	2)N RAVI KUMAR
Filing Date	:NA	3)GANESH GAT V
(62) Divisional to Application Number	:NA	4)SRINIVASAN R
Filing Date	:NA	5)KUSHAL TARAFDAR

(57) Abstract :

The present invention relates to stable pharmaceutical composition of anxiolytic agents. Particularly, the present invention relates to stable pharmaceutical composition of Etifoxine and its pharmaceutically acceptable salts thereof. More particularly, the present invention relates to stable pharmaceutical composition of Etifoxine hydrochloride comprising stabilizer and one or more pharmaceutically acceptable excipients.

No. of Pages : 21 No. of Claims : 24

(19) INDIA(22) Date of filing of Application :12/04/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : USE OF POLYGLYCEROL PARTIAL ESTERS AS DEFOAMERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B01D19/04, C09D7/12 :102012206574.1 :20/04/2012 :Germany :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EVONIK INDUSTRIES AG <ul> <li>Address of Applicant :RELLINGHAUSER STRASSE 1-11,</li> </ul> </li> <li>45128, ESSEN Germany <ul> <li>(72)Name of Inventor :</li> <li>1)NILEWSKI, MARGITTA</li> <li>2)FAVRESSE, PHILIPPE</li> <li>3)SCHARF, ANDRE</li> <li>4)GEHRMANN, PETRA</li> <li>5)METTIN, THOMAS</li> <li>6)SCHWAN, MICHAEL</li> <li>7)SPRINGER, OLIVER</li> <li>8)WIED, TOBIAS</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to the use of polyglycerql partial esters as defoamers, in particular in coating and paint applications, to defoamers comprising polyglycerol partial esters, and to corresponding polyglycerol partial esters.

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

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : GRANULAR POLYCRYSTALLINE SILICON AND PRODUCTION THEREOF

(51) International classification	·C20D20/06	(71)Nome of Applicant .
(31) International classification		(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)WACKER CHEMIE AG
(31) Thomy Document No	206 439.7	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:19/04/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)WECKESSER, DIRK
Filing Date	:NA	2)HAUSWIRTH, RAINER
(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 :

Granular polycrystalline silicon having a convexity of 0.850-1.000 and a chlorine content of 10-40 ppmw. A process for producing granular polycrystalline silicon in a fluidized bed reactor, comprising fluidization of silicon seed particles by means of a gas flow in a fluidized bed which is heated by means of a heating apparatus, addition of a silicon-and halogen-containing reaction gas resulting in deposition of elemental silicon on the hot seed particle surfaces by means of pyrolysis, forming the granular polycrystalline silicon, with removal of particles whose diameter has grown as a result of deposition and an offgas comprising hydrogen halide from the reactor and metered addition of fresh seed particles, characterized in that the concentration of hydrogen halide in the offgas is determined as the controlled variable and a rate of metered addition of fresh seed particles and a heating output of the heating apparatus are controlled as manipulated variables, in order to keep the hydrogen halide concentration in the offgas within an above-defined range during operation, and further characterized in that the granular polycrystalline silicon comprises particles having a convexity of 0.850-1.000.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A METHOD AND SYSTEM TO PREDICT SPIKES IN CELLULAR DATA TRAFFIC

(51) International classification	:G08G1/07	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3 AVENUE OCTAVE GREARD
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAMIK DATTA
(87) International Publication No	: NA	2)SHARAD JAISWAL
(61) Patent of Addition to Application Number	:NA	3)ANIRBAN MAJUMDER
Filing Date	:NA	4)NISHEETH SHRIVASTAVA
(62) Divisional to Application Number	:NA	5)SREEDAL MENON
Filing Date	:NA	6)ASHEESH AGRAWAL

(57) Abstract :

A method and system for predicting extreme values of cellular data traffic by analyzing social network services is disclosed. The method leverages publicly available data from social network services to model spikes in cellular data traffic. A bootstrap procedure is implemented to select the cells and users to calculate socially driven data traffic and overall data traffic. The spikes in cellular data traffic may be predicted by modeling the mobility, home-timeline and clicking behavior of users. A prediction module is required to aggregate the individual user models and is implemented as a Map-Reduce job. For each cell of interest and a time-instance, the prediction module simulates each user model to see how much socially-driven data it would generate from the cell. The total socially-driven data traffic is a summation of these individual (estimated) data traffics, and according to the value of this sum, a spike is predicted.

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

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SURGICAL SYSTEM FOR VITRECTOMY PROCEDURE

(51) International classification:A61(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:NA	B17/00 (71)Name of Applicant : 1)P. MAHESH SHANMUGAM Address of Applicant :350, 7TH MAIN ROAD, SYNDICATE BANK COLONY, BANASHANKARI 3RD STAGE, BANGALORE - 560 085 Karnataka India 2)A. SHANMUGAM (72)Name of Inventor : 1)SHANMUGAM. P. MAHESH
(61) Faterio i Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	2)SHANMUGAM, A.

(57) Abstract :

A surgical system for aspirating gel and/or tissue from an operative site is provided. The surgical system includes an aspiration line, and a vacuum pump connected proximate to a first end of the aspiration line to create a negative pressure within the aspiration line. The surgical system further includes a cutter tip disposed proximate to a second end of the aspiration line. An actuator is provided to selectively drive the cutter tip at a desired cutting speed and stop the cutter operation, if desired. The surgical system further includes a controller configured to reduce the negative pressure in the aspiration line to a preset negative pressure value when the cutter operation is stopped, wherein the preset negative pressure value is determined based on the cutter speed prior to stopping the cutter operation.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : AUTOMATIC FIRE EXTINGUSIHER SELECTOR SYSTEM BASED COMBUSTING MATERIAL.

#### (57) Abstract :

The main objective of the design is to increase the efficiency and decrease the time consumed for extinguishing a fire. "The system approximately recognizes the combusting material involved in fire, and select appropriate extinguisher(s) to be used for that particular material. So that fire extinguishing process becomes more efficient and less time consumed". Principle behind proposed System is "Color and temperature of a flame are dependent on the type of fuel involved in the combustion, and the composition of smoke depends on the nature of the burning fuel and the conditions of combustion.". This design majorly involves digital image processing, solenoid valves controlled by logical circuits (or) microcontroller, smoke detecting, temperature sensors and smoke analyzing circuit. The smoke detector circuit and temperature sensor acts as trigger for the whole system. Description: When fire occurs, the trigger pulse comes from "smoke detector circuit or temperature sensor". This enables the smoke analyzer circuit and stimulates the camera to sample one frame of occurring images. The smoke analyzer circuit contains electronic sensors of major gases like co2,co,so2...etc, The image processing circuit, process the image for the occurrence of major flame color like yellow, red,...etc., With help of different output combination from smoke analyzer circuit, temperature sensor and image processing circuit, using microcontroller or simple logic circuits the solenoid valves are controlled. These discharge the appropriate extinguisher with respect to the combusting material involved in fire. This system also helps in avoiding greater hazards, caused due to use of mismatching extinguisher for an unknown fire. Eg., use of water as extinguisher for petroleum fire, causing disaster. This system can be made more efficient by presetting the possible conditions in the controller circuit. Further, secondary back up devices and planes are made to the system to ensure back up during high accident condition too.

No. of Pages : 30 No. of Claims : 8

## (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : ELECTRICALLY CONTROLLED PRESSURE REFUELING ON GROUND USING INTERNAL BATTERY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B64D39/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HINDUSTAN AERONAUTICS LTD. Address of Applicant :AIRCRAFT RESEARCH AND DESIGN CENTRE (ARDC), DESIGN COMPLEX, MARATHALLI POST, BANGALORE - 560 037 Karnataka India</li> </ul>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHYNI THOMAS
(61) Patent of Addition to Application Number	:NA	2)RASHMI JOSHI
Filing Date	:NA	3)D. KALAIVANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Aircraft refueling on ground is carried out using internal battery. Switch provided in Ground refueling panel has two positions-GROUND and FLIGHT. When switch is selected to "GROUND" position, Relays in the circuit get energized and Battery supply reaches Ground refueling panel. This activates the command for refueling. When switch is selected to "FLIGHT" mode, power supply through battery is cut off. "FLIGHT" mode wiring is provided through Battery switch to ensure that during FLIGHT, when Battery switch is ON, the power supply through Battery is cut off. This ensures that no refueling through battery is possible in flying condition. This scheme has provided a significant improvement in the existing process of refueling. This scheme is extremely useful in places where Ground Power unit is not available for refueling. As a safety measure, it is recommended to avoid simultaneous usage of Ground power receptacle and Ground refueling port. This invention facilitates aircraft refueling using internal battery due to which simultaneous usage of Ground power receptacle and Ground refueling port gets avoided. This invention enables the refueling by usage of battery source and hence ensures that there is no power interruption during the Pressure refueling process. In this scheme, aircraft refueling can be done by pilot alone and there is no need for trained ground crew personnel. Aircraft battery is float charged and continuously gets charged during normal flight. In this scheme, battery discharges during refueling process. This improves life of battery as well.

No. of Pages : 9 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SIMULATION OF WEIGHT OFF WHEEL CONDITION FOR ARMAMENT CHECKS

(51) International classification	:F41A	(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)SUMANA PRAKASH
(61) Patent of Addition to Application Number	:NA	2)RASHMI JOSHI
Filing Date	:NA	3)D. KALAIVANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

This scheme facilitates Weight off wheel condition to be simulated on ground by using a switch in Maintenance Panel on a fighter aircraft. On any fighter aircraft Armament checks can be carried out only if weight off the wheel condition is "TRUE". In conventional method, in order to simulate weight off the wheel "TRUE", aircraft was required to be jacked up. This activity required approximately 1 hour of work by 3 personnel and was quite cumbersome. In order to overcome this, a concept of simulating weight off the wheel condition by just using a switch was conceived. In this scheme, an Override Switch is provided in the maintenance panel. This switch has two positions- NORMAL and OVERRIDE. As these checks are extremely critical, care has been taken to prevent inadvertent operation of the switch. Switch is provided with a switch guard, which ensures that the switch is guarded in NORMAL position by default. To carryout the Armament checks, switch should be put in OVERRIDE position. In this position, weight off the wheel condition gets simulated and voltages are made available for armament checks. This scheme provides a simplified way to carryout armament checks by avoiding the complexities involved in jacking up the aircraft. Also, in naval aircraft, it is not possible to physically jack up the aircraft on deck. This scheme provides a good option for naval version, where weight off wheel can be simulated using a switch alone.

No. of Pages : 9 No. of Claims : 1

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (51) International classification :B64D47/00 (71)Name of Applicant : (31) Priority Document No 1)HINDUSTAN AERONAUTICS LTD. :NA (32) Priority Date Address of Applicant : AIRCRAFT RESEARCH AND :NA (33) Name of priority country DESIGN CENTRE (ARDC), DESIGN COMPLEX, :NA (86) International Application No MARATHALLI POST, BANGALORE - 560 037 Karnataka India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)P.R. UPADHYA (61) Patent of Addition to Application Number :NA 2)YADAIAH ANANTHOLLA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : COCKPIT LIGHTING SCHEME FOR CLOUDY WEATHER

(57) Abstract :

The integral lighting is provided in aircraft to enable visibility of all legends on the cockpit consoles, signs and symbol displays during night flying, with the same comfort level as in day time. A switch in the cockpit is used to select the Day/Night Mode. The integral lighting is not required in day flight with clear sky since the legends on consoles and instruments are clearly visible. In the Day mode, the displays, warnings and indicators are lit with maximum brightness. During night flying, the brightness of the avionics displays and the indicators, warnings is to be reduced and also the brightness control is to be provided to vary the brightness so that the pilot can fly the aircraft comfortably. In addition to this the cockpit flood lights and integral lighting for the panels are made available in night mode so that the legends on consoles and MIPs are visible clearly. Presently in the aircraft only two modes Day & Night are available for day and night flying respectively. However in day flight during cloudy weather the requirement of the cockpit lighting is different from Day and Night Mode. In the day mode during cloudy weather the pilot will not be able to read the legends of the switches and panels clearly due to poor visibility. During cloudy weather if the pilot selects the night mode all the avionics displays, instruments in the cockpit goes to night mode which is not desirable. To overcome this problem a simple scheme has been developed by de linking cockpit flood lights and integral lighting from day and night switch. Due to this new design the flood lights and integral lighting in the cockpit are available in both day mode and night mode. Therefore the pilot will be able to read the legends of the switches on the panels during cloudy weather in day flight. The brightness control for integral lighting and cockpit flood is also provided through a knob in the cockpit. For the day flight the cockpit is set to day mode and the brightness of the integral lighting is selected to minimum brightness. The flood lights are switched off through a control switch in the cockpit. During cloudy weather the pilot can increase of the brightness of the integral lighting by adjusting a knob in the cockpit. The pilot can switch on the cockpit flood light also if he feels that the cockpit is dark. Therefore the pilot can read the legends on the panels clearly with this new design. The pilot can switch OFF the cockpit flood light and reduce the brightness of the integral lighting if the sky is clear.

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

(21) Application No.10119/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/501477	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:27/06/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/053082	(72)Name of Inventor :
Filing Date	:19/06/2012	1)ANDERSON Martin Erskine
(87) International Publication No	:WO 2013/001410	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		1

#### (54) Title of the invention : ANATOMICAL TAGGING OF FINDINGS IN IMAGE DATA OF SERIAL STUDIES

(57) Abstract :

A clinical findings management system enables a clinician to review medical diagnostic images and mark or "tag" locations of suspect anatomy in the images. The tagged findings of a review are stored in association with a particular patient particular anatomy and location in the anatomy as marked by the placement of the tag. Serial studies performed of the particular anatomy over time are compared and the evolving diagnostic data of a particular finding is accumulated and saved. The clinician is thus able to recall the diagnostic history of a particular finding resulting from studies of the anatomy performed over time.

No. of Pages : 34 No. of Claims : 15

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:102012008416.1 :27/04/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)LINDE AKTIENGESELLSCHAFT Address of Applicant :KLOSTERHOFSTR. 1, 80331 </li> <li>MUNCHEN Germany (72)Name of Inventor :</li></ul>
Filing Date	:NA :NA	(72)Name of Inventor : 1)AUGUSTIN, RAMPP
(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 : PIPING MODULE FOR AIR FRACTIONATION PLANT

#### (57) Abstract :

A piping module (10) is proposed, by means of which at least two fluid connections  $(10a \mid 10b")$  of at least one main heat exchanger (1a, 1b) constructed for use in an air fractionation plant (100) are linkable to at least two fluid lines in a warm part of the air fractionation plant (100), wherein the piping module (10) comprises at least two connections on the main compressor side, which are couplable with the at least two fluid lines in the warm part of the air fractionation plant (100), and at least two connections (10a, 10b) on the main heat exchanger side, which are couplable with the at least two fluid vines connecting the at least two fluid connections (10a1,10b") of the at least one main heat exchanger (1 a, 1b), and at least two fluid Vines connecting the at least two connections on the main compressor side and the at least two connections (10a, 10b) on the main heat exchanger side. A corresponding air fractionation plant (100) and a method for erecting such an air fractionation plant (100) are likewise provided by the present invention.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : LOW SPEED FLOW VISULALISATION USING STREAMERS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant : 1)HINDUSTAN AERONAUTICS LTD. Address of Applicant :AIRCRAFT RESEARCH AND
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX, MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K. SUDHEER KUMAR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)L. DEVARAJAN 3)N. JAYARAJ
(62) Divisional to Application Number	:NA	4)A. ARAVIND
Filing Date	:NA	

#### (57) Abstract :

Flow visualization techniques are being continuously developed with advanced instruments and scheme. This paper describes an innovative, simple and effective flow visualization technique that has been developed to trace vortex patterns over highly swept wings at low speeds at HAL low speed wind tunnel. This novel technique, was validated by comparing the pictures of smoke pattern over the same configuration and both patterns were found to be identical. Testing speed was between 28 - 30 m/s with the corresponding dynamic pressures of 57 -80 kg/m2. With minor improvements this technique can be effectively used to study the complex flow patterns without sophisticated and complicated instrumentation. The comparisons of flow pattern over a double delta wing using smoke and the string techniques are presented in this paper. As a sample application, this novel technique was also used to understand the drop in directional stability of a delta wing aircraft configuration with zero and full slats.

No. of Pages : 13 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 14/11/2014

#### (51) International classification :H02K9/19 (71)Name of Applicant : (31) Priority Document No 1)HONDA MOTOR CO. LTD. :NA (32) Priority Date Address of Applicant :1 1 Minami Aoyama 2 chome Minato :NA (33) Name of priority country ku Tokyo 1078556 Japan :NA (86) International Application No :PCT/JP2010/067483 (72)Name of Inventor : **1)NAGAHAMA Teruo** Filing Date :05/10/2010 :WO 2012/046307 2)KAWAI Norikazu (87) International Publication No A1 3)KOBAYASHI Heisuke (61) Patent of Addition to Application 4)FUJIMOTO Shinji :NA Number 5)SAKAI Atsuhiro :NA Filing Date 6)MOGI Seiichi (62) Divisional to Application Number :NA 7)MITO Hironori Filing Date :NA

#### (54) Title of the invention : APPARATUS FOR DRIVING ELECTRIC VEHICLE

(57) Abstract :

A side cover (82) that covers the side surface portion of an electric motor (7) is formed of a resin and the motor is cooled by spraying a lubricant oil to the stator (71) of the electric motor (7) from a plurality of discharge ports (95) of an oil passage (90) that is provided in the side cover (82).

No. of Pages : 52 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MODULE FOR TRANSFERRING THERMAL ENERGY

(51) International classification	·H011 21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHAVAL VASANTKUMAR THAKKAR
(32) Priority Date	:NA	Address of Applicant :C/O, AVINASH MEDICALS, #27,
(33) Name of priority country	:NA	1ST MAIN ROAD, GANDHINAGAR, BANGALORE - 560 009
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHAVAL VASANTKUMAR THAKKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transfer module for transferring thermal energy is disclosed. The transfer module includes a first surface, a second surface and a transfer medium. The first surface has a transfer port for coupling with and transferring thermal energy to a portable thermal storage device. The second surface defines an energy capturing enclosure. The transfer medium communicates energy between the first and second surface. Substantial part of the energy incident on the second surface is at least one of reflected within the energy capturing enclosure and absorbed by the second surface.

No. of Pages : 33 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DEVICE FOR ULTILIZING THERMAL ENERGY

#### (57) Abstract :

A device and apparatus utilizing thermal energy is disclosed. The device includes a heat dispensing module having a heat dispensing surface, a heat communicating module in thermal communication with at least one thermal energy source and the heat dispensing module, a thermal interaction layer interposed between the heat dispensing module and the heat communicating module and a heat control device. The thermal interaction layer communicating thermal energy from the heat communicating module to the heat dispensing module. The heat control device regulates thermal energy communicated to the heat dispensing module by varying area of thermal interaction between the heat dispensing module and the heat communicating module.

No. of Pages : 33 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A PORTABLE DEVICE TO CONTROL A VEHICLE AND A METHOD THEREOF (51) International classification :G07C (71)Name of Applicant : (31) Priority Document No **1)BOSCH LIMITED** :NA (32) Priority Date Address of Applicant : POST BOX NO 3000, HOSUR ROAD, :NA (33) Name of priority country ADUGODI, BANGALORE - 560 030 Karnataka India :NA (86) International Application No 2)ROBERT BOSCH GMBH :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)HEMANTH NIRVANI** (61) Patent of Addition to Application Number :NA 2) PRABHU PANDURANGA M Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of providing real time physical data to an electronic control unit (ECU) (101) of a vehicle is disclosed. The ECU (101) generates a failure information regarding failure of at least one sensor in the vehicle. The ECU (101) transmits the generated failure information to a portable device (102). The portable device (102) identifies the failed sensor based on the transmitted failure information. The portable device (102) transmits the real time physical data corresponding to the identified sensor to the ECU (101) of the vehicle for the operation of the vehicle.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : TARE AND INTERFERENCE CORRECTIONS OF OFFSET MOUNTING INCLUDING THE INFLUENCE OF MODEL INTERFERENCE ON THE OFFSET FITTING IN LOW SPEED WIND TUNNELS

(51) International classification	:G01M9/00	(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)K. SUDHEER KUMAR
(61) Patent of Addition to Application Number	:NA	2)L. DEVARAJAN
Filing Date	:NA	3)N. JAYARAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The influence of the offset on the basic aerodynamic loads of the aircraft model was measured in low speed wind tunnel using shadow analogy. A simple floor mounted sting with provision for changing alphas was fabricated, and the model under test was mounted in inverted position. The sting with offset was also mounted in the reverse direction and the forces on the offset in the presence of the model were measured at all attitudes. The effect of model influence on the offset fitting was found to be substantial.

No. of Pages : 12 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :10/04/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : MOBILE TE	RMINAL DEVICE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04M1/00 :2010205499 :14/09/2010 :Japan	(71)Name of Applicant : 1)NEC CASIO MOBILE COMMUNICATIONS LTD. Address of Applicant :1753 Shimonumabe Nakahara ku Kawasaki shi Kanagawa 2118666 Japan (72)Name of Inventor : 1)KATSUKI Yukiko
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a mobile terminal device. When image data stored by an image data storage unit (142) is attached to an electronic mail and the electronic mail is transmitted by a mail transmission/reception unit (110) an image management data storage unit (143) associates and stores: image data identification information for identifying the image data attached to a transmission electronic mail which is the transmitted electronic mail; and a reply message included in a reply electronic mail which is a reply to the transmission electronic mail.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : TWO DIMENSIONAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM WITH TWO **BEAMFORMER STAGES** 

(51) International classification	:G01S15/89,G01S7/52	(71)Name of Applicant :
(31) Priority Document No	:61/503329	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:30/06/2011	Address of Applicant : High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/053281	(72)Name of Inventor :
Filing Date	:28/06/2012	1)POLAND McKee Dunn
(87) International Publication No	:WO 2013/001484	2)ROBINSON Andrew Lee
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

A2D ultrasound imaging system has a number of different probes for different clinical applications. Each 2D imaging probe has a one dimensional array transducer and one or more microbeamformers coupled to the individual elements of the array. Preferably the microbeamformers are the same and serve as a standard component of the system. The microbeamformers combine signals from the elements of their transducers and every probe has from four to sixteen outputs of partially beamformed signals. The mainframe system has a beamformer with four to sixteen channels which completes the beamformation process for each probe.

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

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : CREATING AND MANAGING LOGICAL VOLUMES FROM UNUSED SPACE IN RAID DISK GROUPS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F12/00 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LSI CORPORATION Address of Applicant :1320 RIDDER PARK DRIVE, SAN</li> </ul>
(33) Name of priority country	:NA	JOSE, CALIFORNIA 95131 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARESH MADHUSUDANA
(87) International Publication No	: NA	2)NAVEEN KRISHNAMURTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and structure are provided for creating and managing unused storage capacity in Redundant Array of Independent Disks (RAID) systems. One embodiment is a RAID controller that includes a controller operable to create and manage a logical volume out of storage space that would otherwise not be used by a RAID system. The logical volume is then exposed to the host operating system as a logical volume where the storage space can be used as a cache device for a host operating system.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SLIDING BATTERY TRAY FOR FIGHTER AIRCRAFT

(51) International algoritication	·D(4D	(71)Nome of Ameliaant
(51) International classification	:B04D	(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)SHYNI THOMAS
(61) Patent of Addition to Application Number	:NA	2)K.E. THIPPESWAMY
Filing Date	:NA	3)H.K. NAGAMANJESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In normal battery installation Lifting of battery in to the tray and removal was very cumbersome due to its weight. Securing of battery also involves lot of parts, because of this lot of time is wasted during battery installation /removal from the aircraft. By using sliding tray, assembling of battery in to battery tray, securing it by means of holder, nut etc can be done on bench thereby reducing work on aircraft. This in turn reduces Aircraft on Ground (AOG) time. With this design battery tray assembly can be lifted by means of loading trolley and slide on to the rail in the battery bay, thereby eliminating the additional man power required to install the battery in the aircraft.

No. of Pages : 12 No. of Claims : 3

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

#### (43) Publication Date : 14/11/2014

## (54) Title of the invention : UNIVERSAL AIRBORNE STORES SEPARATION VIDEO SYSTEM CAMERA POD FOR FIGHTER AND TRAINER AIRCRAFT

(51) International classification	:B64C	(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. VENUGOPAL (DGM)
(61) Patent of Addition to Application Number	:NA	2)C.B. AJITH (SM)
Filing Date	:NA	3)P RANGARAJAN (DM)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

High speed cameras are important flight test instrument that helps in capturing the trajectory and separation characteristics of weapons released from fighter/trainer aircraft. Till date, high speed cameras are mounted externally with the help of brackets that can cater to single high speed camera mounting. The UNIVERSAL CAMERA POD is designed and manufactured to carry high speed cameras under fixed wing aircraft hard points for weapon separation studies. The pod is made of high strength light AI.Alloy structure suitable to withstand aerodynamic loads and vibration during flight. The front and rear portion of the pod is provided with nose cone and rear cone respectively to minimize drag. Universal Camera Pod is unique in design in a way that multiple high speed cameras can be carried simultaneously on a single pod.

No. of Pages : 11 No. of Claims : 7

(21) Application No.2938/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : DISCONTI	NUOUS TRANSMISSION	IN FEMTOCELLS
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:12/940382 :05/11/2010 :U.S.A. :PCT/US2011/058800 :01/11/2011 :WO 2012/061398 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>QUALCOMM INCORPORATED</li> <li>Address of Applicant :Attn: International IP Administration</li> </ol> </li> <li>5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>AWONIYI Olufunmilola O.</li> <li>SOLIMAN Samir S.</li> </ol> </li> </ul>

(57) Abstract :

Systems methods devices and computer program products are described for discontinuous transmissions in a wireless communications system. In one example a femtocell uses out of band (OOB) signals to detect the presence of user equipment (UEs) in a femtocell coverage area. In response to the detection the femtocell may transmit in band signals to facilitate communication with and registration of the detected UE. The femtocell may then perform discontinuous in band transmissions to the registered UE.

No. of Pages : 51 No. of Claims : 46

### (19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : COUPLING FOR A PO	OWER TRACK	
<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:G06F :10 2012 007 086.1	(71) <b>Name of Applicant :</b> <b>1)HOFFMEISTER LEUCHTEN GMBH</b> Address of Applicant :GEWERBERING 28-32, 58579,
(32) Priority Date	:11/04/2012	SCHALKSMUHLE Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)HOFFMEISTER, OLIVER
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 coupling (1) for a power track (2) that is formed symmetrical with respect to a center transverse plane (for instance 13) and has contacts for contacting conductors of a power track (2), and has mechanical guide and stop elements with which the coupling (1) may be inserted, with its insertion depth limited, into the end of a power track (2), the contacts (14-17) being resiliently movable L-section strips (23) that are mounted in a housing element of the coupling (1) transverse to the housing longitudinal axis, which contact strips have on a first L-leg (25) one laterally projecting contact formation (24) on one side and one laterally projecting contact formation (24) on the other side of a center housing stop wall (13) that forms or is formed in the center transverse axis, which with the edge (26) of the second L-leg (27) are positioned indirectly against a dielectric wall of the housing, with a flat sheet-metal strip (28) therebetween, the center element (30) of a slightly V-shaped bent spring (29) being unitarily formed with the sheet-metal strip (28) made of spring sheet metal, projecting from and being positioned at a right angle to the sheet-metal strip (28), the L-leg ends of which are resiliently positioned against the outer surface of the second L-leg (27) of the contact strip (23) that opposes the projecting contact formations (24) of the first L-leg (25).

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SPILL SINK WOUND CARE BASIN			
(51) International classification	:A61F13/02	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)J. CHANDRASEKARAN	
(32) Priority Date	:NA	Address of Applicant :1. CITADEL, 1A CENOTAPH 2ND	
(33) Name of priority country	:NA	LANE, TEYNAMPET, CHENNAI 600 018 Tamil Nadu India	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)DR. G.B. RAJAN	
(87) International Publication No	: NA	2)J CHANDRASEKARAN	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The following specification particularly describes the invention and the manner in which it is to be performed. 4 parts assembly designed and conceptualized to provide comfort to the injured in a hospital. Inclined "Spill sinK"-Wbund Care Basin made up of suitable thermoplastics/ thermoset/ GRP material with all its accessories thereof which includes a fitter mesh and a collector tray beneath. The tray is meant to be used in cases of emergency as well as during cleaning and dressing wounds, cuts and injuries on the limbs, both hands and legs, in any form occurring due to accidents, incidents. The contours and the trapezoidal shape is designed and made to accommodate any size of limbs both hand or leg of any injured person, so that the doctor operating or cleaning or inspecting the injury may be able to clean, dress or attend to the injury without any trouble.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B60L11/14 :NA :NA :NA :PCT/JP2010/069738 :05/11/2010 :WO 2012/060015 A1	<ul> <li>(71)Name of Applicant :</li> <li>1)Mitsubishi Electric Corporation Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan</li> <li>(72)Name of Inventor :</li> <li>1)HATANAKA Keita</li> </ul>
11		
Filing Date	:05/11/2010	1)HATANAKA Keita
(87) International Publication No		
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : TRAIN CAR SYSTEM CONTROL DEVICE

(57) Abstract :

The diesel hybrid control device (27) relating to the present invention comprises a drive power instruction part (31) that generates an instruction signal that gives instructions for the drive power of a battery car (2) that constitutes a train car system and is driven by a motor and generates an instruction signal that gives instructions for the drive power of a diesel railcar (1) that constitutes said train car system and is driven by a diesel engine. The drive power instruction part (31) generates an instruction signal that gives instructions for the battery car (2) to start and generates an instruction signal that gives instructions for drive standby of a diesel railcar.

No. of Pages : 31 No. of Claims : 10

(21) Application No.10127/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F9/48	(71)Name of Applicant :
(31) Priority Document No	:13/181233	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/07/2011	Address of Applicant :5775 Morehouse Drive ATTN:
(33) Name of priority country	:U.S.A.	International IP Administration San Diego California 92121 1714
(86) International Application No	:PCT/US2011/064600	U.S.A.
Filing Date	:13/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2013/009341	1)ARVO Jukka Pekka
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		I

### (54) Title of the invention : INSTRUCTION CULLING IN GRAPHICS PROCESSING UNIT

(57) Abstract :

Aspects of the disclosure are directed to a method of processing data with a graphics processing unit (GPU). According to some aspects the method includes executing a first work item with a shader processor of the GPU wherein the first work item includes one or more instructions for processing input data. The method also includes generating one or more values based on a result of the first work item wherein the one or more values represent one or more characteristics of the result. The method also includes determining whether to execute a second work item based on the one or more values wherein the second work item includes one or more instructions that are distinct from the one or more instructions of the first work item for processing the input data.

No. of Pages : 52 No. of Claims : 37

(22) Date of filing of Application :23/04/2013

### (54) Title of the invention : APPARATUS AND METHOD FOR 3D SCANNING A PIPE

(51) International classification	:G02 21/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)SMS MEER GMBH
(51) Thomy Document No	008 433.1	Address of Applicant :OHLERKIRCHWEG 66, 41069
(32) Priority Date	:30/04/2012	MONCHENGLADBACH Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)TOPUTH, MANFRED
Filing Date	:NA	2)KRAUHAUSEN, MICHAEL
(87) International Publication No	: NA	3)VOCHSEN, DR. JOCHSEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The invention relates to an apparatus for the three-dimensional scanning of a pipe (1), comprising a holder (2) for the pipe (1) as well as a pipe-shape scanner (3), characterized in that the holder (2) includes at least one support (4) to support the pipe (1) from the inside, and the pipe-shape scanner (3) performs contact-free scanning of the pipe shape, the pipe (1) and the pipe-shape scanner (3) being movable relative to each other over the entire length of the pipe (1). In addition, the invention also relates to a method for the three-dimensional scanning of a pipe (1), comprising the steps of holding the pipe (1) and scanning the pipe shape, characterized in that holding the pipe (1) is done by at least one support (4) that engages the pipe (1) from the inside, and contact-free scanning of the pipe shape is performed, the scanning of the pipe shape being done over the entire length of the pipe (1).

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

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : AN HERBAL COMPOSITION AS SUPPLEMENT TO HASTENING THE RECOVERY PROCESS AND TO EASE THE DISCOMFORTS DURING POSTNATAL PERIOD

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MMC HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :34-B, SIDCO INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	THIRUMAZHISAI, CHENNAI - 600 124 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)R.S. JAYARAMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

This is an herbal composition as supplement to hastening the recovery process and to ease the discomforts during postnatal period, comprises. The following ingredients in the proportion mentioned here in below constitute this herbal composition. Asparagus racemosus (Shatavari) - 1.20 to 1.42 gm Withania somnifera (Ashwagandha) - 0.23 to 0.27 gm Anethum sowa (Dill) - 0.048 to 0.052 gm Foeniculum vulgare (Fennel) - 0.023 to 0.027 gm Cuminum cyminum (Jeera) - 0.048 to 0.052 gm Curculigo orchioides (Musli) - 0.098 to 0.102 gm Clitoria ternatea (Aparajita) - 0.073 to 0.075 gm Moringa oleifera (Moringa) - 0.023 to 0.027gm Trigonella foenum graceum (Methi) - 0.023 to 0.027gm Arthrospira platensis (Spirulina) - 1.019 to 1.202 gm Agaricus bisporus (Mushroom) - 0.798 to 0.800 gm This composition has synergistic effect in enhancing the natural processes of regaining normal health.

No. of Pages : 16 No. of Claims : 4

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : REFLECTIVE ARTICLES AND METHODS OF MAKING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> </ul>	:G02B5/08,B32B7/12,B32B15/20 :61/409,210 :02/11/2010 :U.S.A. :PCT/US2011/058209 :28/10/2011 :WO 2012/061211 A3	<ul> <li>(71)Name of Applicant :</li> <li>1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BHARTI Vivek</li> <li>2)KATARE Rajesh K.</li> <li>3)CLEAR Susannah C.</li> <li>4)IYER Suresh</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Reflective articles and related methods of manufacture are provided. These articles include a metallic layer extending across a non tacky base layer. The base layer includes either a block copolymer or random copolymer with at least two polymeric components one of which has a glass transition temperature of at least 50 degrees Celsius and the other of which has a glass transition temperature no greater than 20 degrees Celsius. These articles provide excellent optical clarity non corrosiveness ultraviolet light stability and resistance to outdoor weathering conditions compared to conventional reflective films.

No. of Pages : 40 No. of Claims : 38

(21) Application No.10163/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F13/00 :2011146173 :30/06/2011 :Japan :PCT/JP2012/004109 :26/06/2012 :WO 2013/001783 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TSUCHIYA Kazuhisa</li> <li>2)NOMURA Yasuo</li> </ul>
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### (54) Title of the invention : SERVER APPARATUS AND INFORMATION PROCESSING APPARATUS

(57) Abstract :

An apparatus includes a receiving unit a determining unit and a reply unit. The receiving unit is configured to receive a request for service information from an information processing apparatus via a network. The determining unit is configured to determine the service information based on the request where the service information includes information associated with accessing a service and display object information on a display object corresponding to the service. The reply unit is configured to send the service information to the information processing apparatus.

No. of Pages : 38 No. of Claims : 17

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : NAVIGATION DATA CONFIGURATION FOR OPTIMAL TIME TO FIRST FIX

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ACCORD SOFTWARE &amp; SYSTEMS PVT LTD Address of Applicant :NO. 37, K R COLONY, DOMLUR LAYOUT, BANGALORE - 560 071 Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)VYASARAJ GURU RAO</li> </ul>
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### (57) Abstract :

A method and a system for reducing time to first fix (TTFF) in a satellite navigation receiver generate a navigation data structure including three sub-frames. A first sub-frame and a second sub-frame accommodate selective ephemeris data. The third sub-frame accommodates a text message including almanac data optionally, ionospheric data, coordinated universal time (UTC) data, textual data optionally, and any combination thereof. A signal generation system (SGS) in the system selectively groups the almanac data, the ionospheric data, and the UTC data, and selectively transmits the navigation data with the almanac data or free of the almanac data in the navigation data structure to the satellite navigation receiver. The signal generation system also staggers the navigation data in each sub-frame into a first portion and a second portion for parallelly transmitting the navigation data over a first carrier frequency and a second carrier frequency in reduced time.

No. of Pages : 82 No. of Claims : 32

(21) Application No.2190/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 14/11/2014

(51) International classification	:G06F11/36	(71)Name of Applicant :
(31) Priority Document No	:1016080.2	1)ARM Limited
(32) Priority Date	:24/09/2010	Address of Applicant :110 Fulbourn Road Cherry Hinton
(33) Name of priority country	:U.K.	Cambridge CB1 9NJ U.K.
(86) International Application No	:PCT/GB2011/051405	(72)Name of Inventor :
Filing Date	:25/07/2011	1)GRISENTHWAITE Richard Roy
(87) International Publication No	:WO 2012/038709	2)WILLIAMS Michael John
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.111/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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### (54) Title of the invention : DEBUGGING OF A DATA PROCESSING APPARATUS

(57) Abstract :

A data processing apparatus is provided comprising processing circuitry and instruction decoding circuitry. The data processing apparatus is capable of operating at a plurality of different privilege. Processing circuitry of the data processing apparatus imposes on program instructions different access permissions to at least one of a memory and a set of registers at different ones of the different privilege levels. A debug privilege level switching instruction is provided and decoding circuitry is responsive to this instruction to switch the processing circuitry from a current privilege level to a target privilege level if the processing circuitry is in a debug mode. However if the processing circuitry is in a non debug mode the instruction decoding circuitry prevents execution of the privilege level switching instruction regardless of the current privilege level.

No. of Pages : 46 No. of Claims : 25

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS AND APPARATUS FOR TRANSMITTING AND RECEIVING SECURE AND NON SECURE DATA

<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>(63) Divisional to Application Number</li> <li>(64) Patent of Addition to Application Number</li> <li>(65) Divisional to Application Number</li> <li>(66) Divisional to Application Number</li> <li>(72) Name of Inventor</li> <li>(72)</li></ul>	gal Singh James
(62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract :

Devices methods and systems capable of an enabling transmission and receipt of secure and non secure data are discussed in this document. According to some embodiments an apparatus of a wireless communication system transmits ciphered and unciphered data. The network apparatus transmits a first signal indicating a cipher to be used and transmits a second signal indicating that non secure data is to be transmitted and received unciphered. The network apparatus can cipher secure data and transmits ciphered secure data and unciphered non secure data. A wireless terminal can receive the first and second signals the ciphered secure data and the unciphered non secure data. The wireless terminal can deciphers the received secure data and does not decipher the received non secure data. System embodiments can include both network side and network terminal components. Embodiments of the present invention enable secure transmission of data in concert with efficient processing. Other aspects embodiments and features are also claimed and described.

No. of Pages : 38 No. of Claims : 50

(21) Application No.10210/CHENP/2013 A

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : LOW NOISE AMPLIFIERS WITH COMBINED OUTPUTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	o :PCT/US2012/051237 :16/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HADJICHRISTOS Aristotele</li> <li>2)SAHOTA Gurkanwal Singh</li> </ul>
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(57) Abstract :

Multiple low noise amplifiers (LNAs) with combined outputs are disclosed. In an exemplary design an apparatus includes a front end module and an integrated circuit (IC). The front end module includes a plurality of LNAs having outputs that are combined. The IC includes receive circuits coupled to the plurality of LNAs via a single interconnection. In an exemplary design each of the plurality of LNAs may be enabled or disabled via a respective control signal for that LNA. The front end module may also include receive filters coupled to the plurality of LNAs and a switchplexer coupled to the receive filters. The front end module may further include at least one power amplifier and the IC may further include transmit circuits coupled to the at least one power amplifier.

No. of Pages : 34 No. of Claims : 20

### (22) Date of filing of Application :10/04/2013

### (43) Publication Date : 14/11/2014

# (54) Title of the invention : A MULTI PUREPOSE VERSATILE BONE CEMENT STORAGE AND DISPENSING SYSTEM AND METHOD THEREOF

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. YEDIDA VENKATA SURYA JAGANNATH
(32) Priority Date	:NA	Address of Applicant :# 502, ROHINI APTS, NEAR SBI,
(33) Name of priority country	:NA	SRINAGAR COLONY ROAD, HYDERABAD - 500 073 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. YEDIDA VENKATA SURYA JAGANNATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-purpose versatile bone cement storage and dispensing system comprising: a flexible tubular container with opening at both ends being operable to store two mixing components including a powder component and a liquid component in a pair of independent vacuum sealed compartments disposed at the opposite ends separated by a band clip at the center disposed over the mixing component (stirrer); wherein the said band clip is configured to isolate the two components from premature mixing with each other.

No. of Pages : 16 No. of Claims : 15

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : NICKEL CADMIUM BATTERY THERMAL RUNAWAY ISOLATOR

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HINDUSTAN AERONAUTICS LTD. Address of Applicant :AIRCRAFT RESEARCH AND DESIGN CENTRE, DESIGN COMPLEX, MARATHALLI POST, BANGALORE - 560 037 Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)SHYNI THOMAS</li> <li>2)KUMAP S</li> </ul>
(62) Divisional to Application Number	:NA :NA :NA :NA	2)KUMAR S 3)ROBIN SEBASTIAN 4)CHANDRAKANTH RAO S.G.

### (57) Abstract :

The Emergency source of electrical power in any fighter aircraft is the Battery. Most of the fighter aircraft are using Nickel-Cadmium battery as the Emergency source due to its good electrical characteristics. The only disadvantage of the Nickel-Cadmium battery is the thermal run away when the battery is kept in float charge. Thermal run-away is a condition in which the battery temperature raises due to chemical reaction and this raise in temperature accelerates the chemical reaction. This cumulative action will lead to immense rise in battery temperature that may prove to be catastrophic if appropriate action is not taken within stipulated time. Even though the occurrence of thermal rutvaway is very rare, in the event of occurrence of such an event it can lead to fire and explosions. For these reasons Ni-Cd batteries are to be equipped with temperature sensors and temperature warning systems. Battery Thermal runaway isolator is a Line Replaceable Unit (LRU) designed for charging/discharging, monitoring/protection of Nickel-Cadmium Battery on LCA. Any aircraft which wants to migrate to the Nickel-Cadmium battery from any other type of battery can use this Battery Thermal runaway isolator in conjunction with its DC Generation and distribution system without any change in the system. The Battery Thermal runaway isolator disconnects the Nickel-Cadmium battery automatically from the aircraft and gives appropriate indication to the aircraft display/monitoring systems when ever thermal run-away condition occurs. The Battery Thermal runaway isolator consists of DC Thermal Protection Contactor, Thermal Protection Relay (TP-Relay), Circuit Breakers (2 nos), Terminal Block, Connector & Diode (for reverse polarity protection).

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

(19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SYSTEM PROVIDING SWITCHABLE IMPEDANCE TRANSFORMER MATCHING FOR POWER AMPLIFIERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:H03F1/02,H03F3/189 :13/103928 :09/05/2011 :U.S.A. :PCT/US2012/037102 :09/05/2012 :WO 2012/154840 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)QUALCOMM INCORPORATED Address of Applicant :ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)CHAN Ngar Loong Alan</li></ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

System providing switchable impedance transformer matching for power amplifiers. In an exemplary implementation an amplifier providing switchable impedance matching includes an output inductor (L1) that is part of an output path of the amplifier and a first amplifier stage comprising a first inductor (L4) coupled to the output inductor the first inductor configured to couple a signal amplified by the first amplifier stage at a first power level to the output inductor in response to a first enable signal. The amplifier also includes a second amplifier stage comprising a second inductor (L5) coupled to the output inductor the second inductor configured to couple a signal amplified by the second amplifier stage at a second power level to the output inductor in response to a second enable signal.

No. of Pages : 42 No. of Claims : 34

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : DEVICE FOR COUPLING AT LEAST TWO MEDIUM-VOLTAGE CUBICLES AND ELECTRIC PANEL COMPRISING AT LEAST TWO CUBICLES COUPLED BY MEANS OF ONE SUCH DEVICE

(51) International classification	:H02B1/00	(71)Name of Applicant :
(31) Priority Document No	:12 01244	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:27/04/2012	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BERAUD, DIDIER
(87) International Publication No	: NA	2)MARTIN, LUDOVIC
(61) Patent of Addition to Application Number	:NA	3)KERSUSAN, JEAN-PIERRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The present invention relates to a device for coupling at least two medium-voltage electric cubicles belonging to an electric panel. This coupling device comprises at least one rod (35) mechanically linked at a number of points of its length to so-called first fastening means (36, 37, 38) intended to cooperate respectively with so-called second complementary fastening means (39, 40, 41) belonging to the two uprights (28) or to the two facing stringers, so that, after a positioning of the first fastening means relative to the corresponding second means, this rod (35) can be displaced in such a way as to bring the first fastening means (36, 37, 38) to cooperate with the second fastening means (39, 40, 41) so as to produce, in a single movement, the fastening at a number of points of the two uprights (28), or stringers, to one another, and thus a stiffening of said uprights or stringers making it possible to prevent the deformations of the structure in order to increase the seal-tightness of the cubicles in the event of internal arcing inside said cubicles.

No. of Pages : 27 No. of Claims : 17

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR IDETIFYING WEAK LINKS IN AN ELECTRICAL POWER SYSTEM

(51) International classification		(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 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KELAPURE, SHEKHAR MADHUKARRAO
(87) International Publication No	: NA	2)KOLWALKAR, AMOL RAJARAM
(61) Patent of Addition to Application Number	:NA	3)GADIRAJU, KASI VISWANADHA RAJU
Filing Date	:NA	4)KANABAR, MITALKUMAR GULABRAI
(62) Divisional to Application Number	:NA	5)ILIA, VOLOH
Filing Date	:NA	

(57) Abstract :

In accordance with one embodiment, a method for identifying one or more weak links in an electrical power system is provided. The method includes computing voltage stability indices (VSIL) corresponding to a plurality of links in the electrical power system as a function of phasor values associated with a plurality of buses. Each of the phasor values includes voltage magnitude (Vm) and phase angle (8m), both corresponding to the respective bus. The method further includes identifying the one or more weak links in the electrical power system based on the computed VSIL.

No. of Pages : 34 No. of Claims : 20

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DESIGNING LABEL FREE ELECTROCHEMICAL IMMUNOSENSORS FOR CYTOCHROME C USING NANOCOMPOSITES FUNCTIONALIIZED SCREEN PRINTED ELECTRODES

(51) International classification	:G01N33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. C. KARUNAKARAN
(32) Priority Date	:NA	Address of Applicant : ASSOCIATE PROFESSOR IN
(33) Name of priority country	:NA	CHEMISTRY, BIOMEDICAL RESEARCH LAB, V.H.N.
(86) International Application No	:NA	SENTHIKUMARA NAGAR COLLEGE, VIRUDHUNAGAR -
Filing Date	:NA	626 001 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. C. KARUNAKARAN
Filing Date	:NA	2)DR. KALPANA BHARGAVA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

We have designed here a label-free direct electrochemical immunosensor for the detection of cytochrome c (cyt c), a heme containing metalloprotein using its specific monoclonal antibody. Two nanoparticle-based electrochemical immunosensor platforms were evaluated for the detection of cyt c (i) self-assembled monolayer (SAM) functionalized gold nanoparticles (GNP) in polypyrrole (PPy) modified screen printed electrodes and (ii) carbon nanotubes (CNT) integrated PPy-SPE. The nanotopologies of the modified electrodes were confirmed by scanning electron microscopy. Electrochemical impedance spectroscopy and cyclic voltammetry were employed to monitor the fabrication steps of nanocomposite immunosensor platform. In the present method, label-free quantification of cyt c is based on the direct electron transfer between Fe3+/Fe2+-heme of cyt c selectively bound to anti-cyt c nanocomposite modified electrode. GNP-PPy and CNT-PPy nanocomposites promoted the electron transportation through the conductive pore channels. The overall analytical performance of GNP based immunosensors (detection limit 0.5 nM; linear range: 0.5 nM - 2 JJM) was better than the CNT-PPy (detection limit 2 nM; linear range: 2 nM - 500 nM). The GNP based immunosensor was further applied to quantify the mitochondrial cyt c release in cardiomyocytes upon induction of apoptosis, the results agreed well with standard ELISA.

No. of Pages : 30 No. of Claims : 3

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : IMPROVED METHOD FOR PRODUCING CELLULOLYTIC AND/OR HEMICELLULOLYTIC ENZYMES

(57) Abstract :

The invention relates to a method for producing cellulolytic and/or hemicellulolytic enzymes by means of a cellulolytic and/or hemicellulolytic microorganism including at least one growth phase in the presence of a carbon source and at least one production phase in the presence of an inducing substrate wherein said inducing substrate is a mixture including 40 to 65 wt % of glucose or cellulose hydrolysates 21 to 25 wt % of lactose and 10 to 39 wt % of xylose or a lignocellulosic hemicellulosic hydrolysate solution the sum of said three constituents being equal to 100%.

No. of Pages : 17 No. of Claims : 10

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SWEETER HERBAL FORMULATIONS OF MOMORDICA FOR DIABETES MELLITUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:A61K36/00 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. KALAM SIRISHA Address of Applicant :ASSOCIATE PROFESSOR &amp; HEAD, DEPARTMENT OF PHARMACEUTICAL ANALYSIS, VAAGDEVI COLLEGE OF PHARMACY, KISHANPURA, HANAMKONDA, WARANGAL - 506 001 Andhra Pradesh India</li></ul>
(87) International Publication No	: NA	2)MS. JOGANNAGARI SHIVANI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. KALAM SIRISHA
(62) Divisional to Application Number Filing Date	:NA :NA	2)MS. JOGANNAGARI SHIVANI
1 ming Date	.1 17 1	

#### (57) Abstract :

The present invention relates to novel polyherbal tablet formulations for controlling hyperglycaemia and hyperlipidaemia and use thereof for management of diabetes, comprising a mixture of standardized extracts from Momordica charantia, Cinnamonum cassia and Stevia rebaudiana. The study examined the acute toxicity, antihyperglycaemic and antihyperlipidaemic effects of two new polyherbal formulations, formulation-1 and formulation-2. A significant increase in the body weight was observed in the diabetic groups treated with both formulations. There was a significant reduction (p<0.001) in the plasma glucose, total cholesterol (TC), triglycerides (TG) and low density lipoprotein (LDL)-cholesterol levels and significant increase (p<0.001) in high density lipoprotein (HDL)-cholesterol in the control. The results indicate that Formulation-2 has potent antihyperglycaemic and antihyperlipidaemic activities.

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

### (19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : FAN & LIGHT REMO	DTE CONTROL	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROLEX TECHNOLOGIES PRIVATE LIMITED Address of Applicant :1-53, PEERZADI GUDA, HYDERABAD - 500 039 Andhra Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)MOHAMMED GULAM DASTAGIR</li> </ul>

(57) Abstract :

Software developed (invention) submitted in electronic form (CD) which will function in Micro Controller Integrated Circuit.

No. of Pages : 12 No. of Claims : 3

### (22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A PROCESS FOR THE RECOVERY OF CHROMIUM AND IRON OXIDES IN HIGH CARBON FERRO CHROME SLAG TO OBTAIN CHROMIUM AND IRON IN THE FORM OF SALEABLE METAL.

(51) International classification	:C21C5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FACOR ALLOYS LIMITED
(32) Priority Date	:NA	Address of Applicant :SHREERAMNAGAR - 535 101, DIST:
(33) Name of priority country	:NA	VIZIANAGARAM Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)C.N. HARMAN
(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 conventional process for High Carbon Ferro Chrome in sub merged arc electric furnace has got a limitation of recovery of only 84-88% of input chromium in the metal, even after following the best process control methods. 12-16% of chromium is lost as flue dust in the fumes, as metallics entrapped in the slag and as unreduced and partially reduced oxides in the slag. Cr2O3 analyzed in slag is around 10-14%. Till date no economic method is found to recover chromium lost in the slag, in oxide form. An attempt is made to develop a process to recover chromium and iron present in the slag to an extent of 98% by smelting the liquid slag obtained in each tapping from the furnace as metal with addition of coke and flux in an electric arc furnace promoting reduction by adjusting the slag basicity to get about 100 kg additional saleable metal from each tonne of liquid slag and discarding final slag with only about 1 % to 2% Cr2O3.

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

(21) Application No.9462/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PROCESS FOR MANUFACTURING GLAZING COMPRISING A POROUS LAYER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> </ul>	:C03C17/245,C03C17/00 :1155329 :17/06/2011 :France :PCT/FR2012/051348 :15/06/2012 :WO 2012/172266 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT GOBAIN GLASS FRANCE <ul> <li>Address of Applicant :18 avenue dAlsace F 92400 Courbevoie</li> </ul> </li> <li>France <ul> <li>(72)Name of Inventor :</li> <li>1)KHARCHENKO Andriy</li> <li>2)ROUSSEAU Jean Paul</li> <li>3)JUNG Antje</li> <li>4)PETERSEN Christian Bernhard</li> </ul> </li> </ul>
		•
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

The invention relates to a process for manufacturing glazing comprising a substrate in particular a glass substrate provided with a coating comprising at least one layer consisting of a porous material in particular for which the refractive index is thus reduced thereby comprising the following steps: depositing on the substrate via a physical vapour deposition (PVD) process in a vacuum chamber a coating comprising at least one layer of a material comprising at least one element selected from Si Ti Sn Al Zr In or a mixture of at least two of these elements oxygen and carbon said layer in addition optionally comprising hydrogen heat treatment of the layer thus deposited under conditions that enable at least one portion of the carbon to be removed and said layer of porous material to be obtained said process being characterized in that said deposition is carried out on the substrate passing through said chamber by the sputtering of a carbon target under a reactive preferably oxidizing plasma atmosphere comprising at least one precursor of the element or elements.

No. of Pages : 22 No. of Claims : 20

### (19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : ROTARY VANE COM	PRESSOR	
<ul> <li>(54) The of the invention : KOTAKT VARE COM</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F01C :2012- 088341	<ul> <li>(71)Name of Applicant :</li> <li>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan</li> <li>(72)Name of Inventor :</li> <li>1)KOBAYASHI, KAZUO</li> <li>2)SATO, SHINICHI</li> <li>3)IDA, MASAHIRO</li> <li>4)HOTTA, KAZUHIRO</li> </ul>

### (57) Abstract :

A rotary vane compressor includes a housing, a drive shaft, a rotor, a pair of front and rear side plates, a discharge chamber, a plurality of vanes, a plurality of backpressure chambers, a plurality of compression chambers, a separator and a backpressure applying mechanism. The backpressure applying mechanism has a rotating passage and an intermittent communication mechanism. The rotating passage is formed in the drive shaft or a rotator rotatable synchronously with the drive shaft. The intermittent communication mechanism has a downstream passage that is downstream of the rotating passage for allowing communication between the rotating passage and the backpressure chamber. The intermittent communication mechanism allows the rotating passage to communicate with the discharge chamber and the backpressure chamber according to an angular position of the drive shaft. The rear side plate has the separator and the downstream passage.

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

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SYSTEM AND METHOD FOR POSITIONING TABLE IN A MEDICAL IMAGING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Potent of Addition to Application Number</li> </ul>	:NA :NA :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)JAISWAL, RAVI SHANKAR</li> </ul>
e		I)JAIS WAL, KAVI SHANKAK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A system for positioning a table in a medical imaging system is disclosed. The system includes one or more magnetic components configured to control positioning of the table with respect to an image capturing subsystem of the medical imaging system. The image capturing subsystem generates a magnetic field assisting the at least one magnetic component to control position of the table. The image capturing subsystem is configured to capture medical images of a subject. The system also includes a control unit communicably coupled to the one or more magnetic components. The control unit is configured to regulate a magnetic field generated by the one or more magnetic components to control the position of the table.

No. of Pages : 35 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : A PEDESTRIAN COLLISION DETECTION DEVICE

(51) International classification	:B60R	(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)MANOJ MOHAMMED
(62) Divisional to Application Number	:NA	2)KIRANKUMAR T T
Filing Date	:NA	

(57) Abstract :

A pedestrian collision detection device (100) in a vehicle is disclosed. The pedestrian collision detection system comprises a rigid element (10) in a mechanical connection with a bumper (20) of the vehicle, a deformable element (30) in a mechanical connection with the rigid element (10) and a fiber bragg grating (FBG) tube (50) connected to the deformable element (30) and adapted to detect a deformation in the deformable element (30).

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

(22) Date of filing of Application :14/09/2012

(43) Publication Date : 14/11/2014

## (54) Title of the invention : NON-TACK GUM BASE, CHEWING GUM PREPARATION PRODUCED THEREFROM AND METHODS FOR PRODUCTION THEREOF

(57) Abstract :

The invention relates to a non-tack gum base, a chewing gum preparation produced therefrom and also methods for production thereof. It is a homogeneous composition comprising polyvinyl acetate in an amount of 25-90% by weight, vinyl laurate-vinyl acetate copolymer in an amount of 5-70% by weight, and a softener in an amount of 1%-15% by weight, in each case based on the total weight of the composition.

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

(21) Application No.9647/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 14/11/2014

(54) Title of the invention : MOBILE PHC	ONE AS A ONE WAY R	ECORDED TRANSMITTER OVER A CELLULAR NETWORK
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04B3/00 :61/491823 :31/05/2011 :U.S.A. :PCT/US2012/039857 :29/05/2012 :WO 2012/166729 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CALLYO 2009 CORP. Address of Applicant :c/o Allison MacKenzie Pavlakis Wright &amp; Fagan Ltd. 402 N. Division Street Carson City NV 89703 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BENNETT Christopher Ryan</li> </ul>

(57) Abstract :

Agencies oftentimes desire to monitor personnel in the field during the course of their duties. To provide flexible monitoring capabilities to agencies a common mobile device such as a mobile phone is converted for use as a radio based listening system to collect and transmit audio data. Phone features and accessories are leveraged to collect additional data for transmission. Collected data is streamed or otherwise transmitted to monitoring devices at the agency or in the field for operational oversight and recordation.

No. of Pages : 38 No. of Claims : 20

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : PRE CONTROL METHOD OF HEAD AND TAIL SHAPES OF CONTINUOUS CASTING SLAB FOR REDUCING THE REMOVED AMOUNT FROM THE HEAD AND TAIL OF HOT ROLLED INTERMEDIATE SLAB

(51) International classification	:B21B1/46,B22D11/126	(71)Name of Applicant :
(31) Priority Document No	:201210038624.3	1)BAOSHAN IRON & STEEL CO. LTD.
(32) Priority Date	:21/02/2012	Address of Applicant :No. 885 Fujin Road Baoshan District
(33) Name of priority country	:China	Shanghai 201900 China
(86) International Application No	:PCT/CN2012/072299	(72)Name of Inventor :
Filing Date	:14/03/2012	1)SHAN Xuyi
(87) International Publication No	:WO 2013/123682	2)ZHANG Suoquan
(61) Patent of Addition to Application	:NA	3)HUANG Li
Number	:NA	4)DING Hongru
Filing Date	.117	5)WANG Ziqiang
(62) Divisional to Application Number	:NA	6)ZHU Weilin
Filing Date	:NA	7)WANG Quansheng

### (57) Abstract :

A pre control method of head and tail shapes of continuous casting slab for reducing the removed amount from the head and tail of hot rolled intermediate slab. By a pre control cutting process for the head and tail shapes of continuous casting slab the slab is cut into a shape such that its head end surface dents inwards and its tail end surface extrudes towards outside of the slab. In the pre control cutting process the head and tail shapes of the slab is cut in accordance with the curve which is linearly symmetrical with respect to the width center of the slab and the arch height (i.e. the maximum value of the denting portion of the head or the extruding portion of the tail) is controlled in the range of 0 mm to 50 mm. In such a manner the length of the non uniform deformation portions of the head and tail of the intermediate slab can be significantly reduced and thus the reduction of the removed amount from the head and tail of hot rolled intermediate slab is achieved.

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

### (19) INDIA

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : DISPOSABLE WET SHAVING RAZOR WITH HINGE & BUILT IN AFTER SHAVE BAR

(57) Abstract :

The present invention generally refers to first of its kind disposable wet shaving razor specially designed with a Hinge to provide smooth and neat shave even on unmanageable curves and bends of the body. This helps in protecting sensitive skin by its super active angular rotary movements ensuring smooth and comfortable shaving experience. This innovative razor with built-in antiseptic after shave bar soothes and gently calms down the burning sensation during shaving process without any further need for additional application of after shave products. This new speciality product is made to suit the shaving needs of every individual especially women easily and quickly with bare minimum efforts. This razor with hinge just glides on all types of hairy areas of the body with utmost ease and reach difficult to reach hairy areas and provides smoothest shave free from hair projections. This razor specially designed with a Hinge will be a land mark in the history of shaving products and shaving technology.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DISPOSABLE WET SHAVING - RAZOR WITH A HINGE (51) International classification :B26B (71)Name of Applicant : (31) Priority Document No 1)RAVISHANKAR. S.S. :NA (32) Priority Date Address of Applicant :330. OMBR LAYOUT. II "E" MAIN. :NA (33) Name of priority country BHUVANAGIRI. BANGALORE - 560 053 Karnataka India :NA (86) International Application No (72)Name of Inventor : :NA 1)RAVISHANKAR. S.S. 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 generally refers to first of its kind disposable wet shaving razor specially designed with a Hinge to provide smooth and neat shaves even on curves and bends of the body. This helps is protecting sensitive skin by its super active angular left and right desired movements ensuring smooth and comfortable shaving experience. This new speciality product is made to suit the shaving needs of every individual more easily and quickly with bare minimum efforts. This razor with hinge just glides safely on all types of beards with utmost ease and reach difficult to reach hairy areas and provides smoothest shave free from hair projections. This razor specially designed with a Hinge will be a land mark in the history of shaving products and shaving technology.

No. of Pages : 16 No. of Claims : 17

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : SYSTEM FOR DISTRIBUTING GAS CYLINDERS INCLUDING MEANS FOR IDENTIFYING THE TYPE OF CYLINDER COMPRISING A COLOUR SENSOR AND A SENSOR FOR DETECTING FERROMAGNETIC MATERIAL

(31) Priority Document No:11 5522(32) Priority Date:15/06/2(33) Name of priority country:France(86) International Application No:PCT/EIFiling Date:11/06/2	Z2011Address of Applicant :Tour Total 24 Cours Michelet F 92800Puteaux FranceEP2012/060998(72)Name of Inventor :
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(57) Abstract :

This system (10) for distributing gas cylinders wherein the gas cylinders (11) are likely to be of different types defined by different shapes volumes and colours comprises means (20) for identifying the type of gas cylinder (11) the identification means (20) comprising a first sensor (60) for sensing the colour of the gas cylinder. The identification means (20) also include a sensor (62) for detecting ferromagnetic material.

No. of Pages : 15 No. of Claims : 12

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A FUEL INJECTION PUMP			
<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F02M59/12 :NA	(71)Name of Applicant : 1)BOSCH LIMITED	
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD,	
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	ADUGODI, BANGALORE - 560 030 Karnataka India	
Filing Date	:NA :NA	2)ROBERT BOSCH GMBH (72)Name of Inventor :	
(87) International Publication No	: NA	1)BALA SAKTHIVEL K	
(61) Patent of Addition to Application Number	:NA	2)SHASHIKANTH N	
Filing Date	:NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

A fuel injection pump 100 comprises a pump housing 101 and a piston. The piston 102 is adapted to reciprocate within the pump housing 101 and a cylindrical member 103 located below the pump housing 101, by means of a roller tappet 104 and a cam 105. The piston 102 is provided with a sealing member 106 on its circumference for separating the working fluid from lubricating oil and for venting out the working fluid from the vent 107 and the lubrication oil from the vent 108 provided on the roller tappet 104. The sealing member 106 interfaces with the cylindrical member 103. The sealing member 106 is provided on the piston 102 through interference fit. The inner surface of the cylindrical member 103 is coated with slippery material.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

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

### (54) Title of the invention : LIFT AXLE CONTROL UNIT FOR A MOTOR VEHICLE

		(71)Name of Applicant :
(51) International classification	:B60G17/00	
(31) Priority Document No	:NA	Address of Applicant : PLOT NO 3 (SP), THIRD MAIN
(32) Priority Date	:NA	ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI - 600
(33) Name of priority country	:NA	058 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SELVAMANI SUNDARAMAHALINGAM
(87) International Publication No	: NA	2)NARAYANAN SREENIVASAN
(61) Patent of Addition to Application Number	:NA	3)GANESAMOORTHY ARUMUGHAM
Filing Date	:NA	4)JOHANN LUCAS
(62) Divisional to Application Number	:NA	5)JOBIN CHOWATTUKUNNEL
Filing Date	:NA	6)SAHUL HAMEED THAMEESDEEN
		7)SENTHILNATHAN ARUNACHALAM

### (57) Abstract :

The invention refers to a lift axle control unit (1) for a lift axle suspension system (30) of a vehicle (1000), said lift axle control unit (1) comprising at least: an electronic control unit (4) receiving at least a first electric input signal (S1) and a position indicating signal (S4), at least one supply input port (100) to be connected to a pressure reservoir (2), a first delivery port (220) to be connected to at least one suspension bellow (14) and a second delivery port (250) to be connected to at least one lift bellow (16), a load detection valve (3) being connectable to load variable parts (1010) of said vehicle (1000) and delivering an pressure output signal (p3) in dependence of an axle load of the vehicle (1000), a first relay valve (6) connected to said first delivery port (220) for feeding said suspension bellow (14), a second relay valve (7) connected to said second delivery port (250) for feeding at least one lift bellow (16), a solenoid valve (5) for receiving an electric control signal (S5) from said electronic control unit (4) and for connecting said load detection valve (3) to said first and second relay valve (6, 7) or separating it from said first and second relay valve (6, 7) in dependence of said electric control signal (S5).

No. of Pages : 26 No. of Claims : 15

(22) Date of filing of Application :16/10/2013

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DEVICE, SYSTEM AND METHOD OF WIRELESS COMMUNICATION OVER A BEAMFORMED COMMUNICATION LINK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filed on</li> </ul>	:G06F :61/361,841 :06/07/2010 :U.S.A. :PCT/US2011/042417 :29/06/2011 : NA :NA :NA :NA :10884/CHENP/2012 :28/12/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)INTEL CORPORATION <ul> <li>Address of Applicant :2200 Mission College Boulevard, MS:</li> <li>RNB-4-150, Santa Clara, California 95052 (US). U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)TRAININ, Solomon</li> <li>2)CORDEIRO, Carlos</li> <li>3)KASHER, Assaf</li> </ul> </li> </ul>
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### (57) Abstract :

Some demonstrative embodiments include devices, systems and/or methods of wireless communication over a beamformed communication link. For example, a device may include a wireless communication unit to establish at least one beamformed communication link for communication with at least one other wireless communication device, wherein the wireless communication unit is to measure a link maintenance time period corresponding to the beamformed communication link, and wherein the wireless communication unit is to attempt to restore the beamformed communication link upon expiration of the link maintenance time period. Other embodiments are described and claimed.

No. of Pages : 30 No. of Claims : 24

(21) Application No.9860/CHENP/2013 A

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING PULSES IN DETECTOR OUTPUT DATA

	:G01J3/00,G01D21/00,G06F19/00	
(31) Priority Document No	:61/497029	1)SOUTHERN INNOVATION INTERNATIONAL PTY
(32) Priority Date	:14/06/2011	LTD
(33) Name of priority country	:U.S.A.	Address of Applicant :Level 1 729 Nicholson Street Carlton
(86) International Application	DCT/ALIO012/000/70	North Victoria 3054 Australia
No	:PCT/AU2012/000678	(72)Name of Inventor :
Filing Date	:14/06/2012	1)MANTON Jonathan Huntley
(87) International Publication	:WO 2012/171059	2)MCLEAN Christopher Charles
No	2012/1/1039	3)SCOULLAR Paul Andrew Basil
(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 locating a pulse in detector output data comprising fitting one or more functions to the detector output data; and determining a location and an amplitude of a peak of said pulse from said one or more functions. The one or more functions may be are a function of time.

No. of Pages : 68 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR THE PREPARATION OF DIFENOCONAZOLE

(51) International classification (31) Priority Document No	:D01F2/00 :NA	(71)Name of Applicant : 1)TAGROS CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :"JHAVER CENTRE", RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAIAH SRIKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)S. RAMESH
Filing Date	:NA	3)R. KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel method for preparing Difenoconazole (I), a systemic fungicide. Intermediates involved at various stages are synthesized by novel procedures.

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

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PROCESS FOR THE PREPARATION OF BETA AND THETA CYPERMETHRIN

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAGROS CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :"JHAVER CENTRE", RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL''S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAIAH SRIKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)S. RAMESH
Filing Date	:NA	3)R. KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention involves a simple and efficient route of preparing Beta and Theta cypermethrin.

No. of Pages : 8 No. of Claims : 2

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ADVANCED WASTE WATER TREATMENT APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:10-2012- 0100415 :11/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)GREEN TECHNOLOGY CO., LTD. Address of Applicant :523, CHANGU.DONG, HANAM.SI, GYEONGGI.DO. ZIP CODE: 465-120 Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)HAN, SANG BAE</li> <li>2)HUR, JUN MU</li> <li>3)JUNG, BO RIM</li> <li>4)YUN, JAE SEOP</li> <li>5)IM, HYUN SOO</li> </ul>
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#### (57) Abstract :

Provided is an advanced wastewater treatment apparatus. The advanced wastewater treatment apparatus includes a reactor and a liquid-solid separator. The reactor module includes n (n is a natural number) variable reactors including an aerator and an agitator, respectively. The liquid-solid separator is connected to a variable reactor disposed at the end of the reactor module and separates outflowing water into solid and liquid. Here, each of the variable reactors operates in an operation mode selected from three operation modes including an aeration mode continuing an aerobic condition, a non-aeration agitation mode continuing anoxy or anaerobic condition. The n variable reactors are disposed in series so as to sequentially treat wastewater. The reactor module performs one of 3An treatment processes that are a combination of the operation modes of the n variable reactors according to operation conditions such as a flow rate, a flow characteristic, and a temperature of wastewater. The operation modes of the n variable reactors are recombined according to a change of the operation conditions to perform different treatment processes and thus variably perform the 3n treatment processes according to the operation conditions.

No. of Pages : 36 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : YAW DRIVE FOR HORIZONTAL AXIS WIND TURBINE USING FRICTION DRIVE

<b>L RAGHUNATHAN</b> NO.6, NEW NO.62, 12TH CHENNAI - 600 083 Tamil Nadu <b>L RAGHUNATHAN</b>

(57) Abstract :

The present invention relates to a yaw drive for horizontal axis wind turbine using friction drive. A yaw drive of the present invention is used for maintaining plane of rotation of the blade tips towards favourable wind direction/desired direction. The yaw drive is controlled by actuation of moving means (9) and simultaneous energizing/de-energizing of locking means (5), thereby locking means (5) with static supporting means (3), turning means (6) with rotatable supporting means (1), connecting means (7) and supporting means (8) allowing the angular movement via itself to move the nacelle towards the favourable wind/desired direction. The locking means (5) is capable of maintaining the yaw drive/nacelle in same position at energized state/condition and allow the movement at de-energized state/condition. The moving means/solenoid (5) is capable of actuating the friction drive to create the resultant force for initiating angular movement. Each time the moving means (5) actuated to move the nacelle towards the favourable or desired wind direction.

No. of Pages : 17 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INTELLIGENT CACHE WINDOW MANAGEMENT FOR STORAGE SYSTEMS

#### (57) Abstract :

Methods and structure for intelligent cache window management are provided. The system comprises a memory and a cache manager. The memory stores entries of cache data for a logical volume. The cache manager is able to track usage of the logical volume by a host, and to identify logical block addresses of the logical volume to cache based on the tracked usage. The cache manager is further able to determine that one or more write operations are directed to the identified logical block addresses, to prevent caching for the identified logical block addresses until the write operations have completed, and to populate a new cache entry in the memory with data from the identified logical block addresses responsive to detecting completion of the write operations.

No. of Pages : 34 No. of Claims : 20

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : A METHOD OF TREATING SOIL AND A METHOD OF SEQUESTERING HEAVY METALS IN SOIL

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B09C1/08,G01N31/00,C05B5/00 :12/879432 :10/09/2010	1)HARSCO CORPORATION Address of Applicant :350 Poplar Church Road Camp Hill
(33) Name of priority country	:U.S.A.	Pennsylvania 17011 U.S.A.
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> <li>No</li> </ul>	:PCT/US2011/051095 :09/09/2011 :WO 2012/034082	<ul> <li>(72)Name of Inventor :</li> <li>1)MIRANDA Stephen R.</li> <li>2)PAPANIA Kimberly A.</li> <li>3)ABBATE William V.</li> <li>4)KORNDORFER Gaspar H.</li> </ul>
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> </ul>	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure describes a method of treating soil and a method of sequestering heavy metals in soil. The method of treating soil includes applying a blend to the soil to form treated soil the blend including a slag by product having a soluble compound. The soluble compound includes silicon. The method of sequestering heavy metals includes applying a blend to soil to form treated soil the blend including a slag by product having a soluble compound and forming a substantially inert particle in the treated soil the substantially inert particle including the blend and the heavy metals.

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

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 14/11/2014

		-
(51) International classification	:C08L 97/02	(71)Name of Applicant :
(31) Priority Document No	:61/400828	1)BASF SE
(32) Priority Date	:03/08/2010	Address of Applicant :Carl Bosch Strasse 38 67056
(33) Name of priority country	:U.S.A.	Ludwigshafen Rheinland Pfalz Germany
(86) International Application No	:PCT/US2011/046458	(72)Name of Inventor :
Filing Date	:03/08/2011	1)BOUGUETTAYA Mohamed
(87) International Publication No	:WO 2012/018936	2)FOLEY Nicholas
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alesterest :		•

#### (54) Title of the invention : TACKIFIERS FOR COMPOSITE ARTICLES

(57) Abstract :

A composite article comprises a plurality of lignocellulosic pieces and an adhesive system disposed on the plurality of lignocellulosic pieces. The adhesive system comprises a binder component and a tackifier component. The tackifier component comprises a homo and/or co polymer of vinyl acetate. The tackifier component is useful for maintaining orientation of the plurality of lignocellulosic pieces during manufacture of the composite article. The composite article may be various engineered lignocellulosic composites such as particleboard.

No. of Pages : 62 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :13/12/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : MAPPING O	F HEALTH DATA	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F19/00 :11171008.3 :22/06/2011 :EPO	<ul> <li>(71)Name of Applicant :</li> <li>1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)WARTENA Frank</li> <li>2)MUSKENS Johan</li> <li>3)KOYMANS Ronald Leo Christiaan</li> <li>4)UDINK Rob Theodorus</li> <li>5)JAEGERS Luciën Johannes Maria</li> <li>6)MEULENBROEKS Bart</li> </ul>

### (57) Abstract :

A method of mapping health data acquired by a measurement device (101a c) which is useable by a plurality of users to an appropriate health record is described. The method involves receiving (201) new health data acquired by the measurement device (101a c); identifying (206; 209) the user to which the new health data relates; and mapping (207) the health data to at least one health record for said user; wherein the step of identifying the user to which the new health data relates comprises: identifying at least one item of context data associated with said new health data; and determining (205 208) whether said context data corresponds to a known context for at least one user. The context data is data regarding the circumstances in which the new health data was acquired and/or the relationship of the new health data to other measurement data associated with a particular user.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/12/2013

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : KIT FOR DE	TECTING BIOFILMS	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:11171360.8 :24/06/2011 :EPO	<ul> <li>(71)Name of Applicant : <ol> <li>1)REALCO</li> <li>Address of Applicant : Avenue A. Einstein 15 B 1348 Louvain La Neuve Belgium</li> <li>(72)Name of Inventor : <ol> <li>BOELS Gauthier</li> <li>BLACKMAN Gordon</li> <li>CALABOZO Almudena</li> </ol> </li> </ol></li></ul>

(57) Abstract :

The invention relates to a kit (1) for detecting biofilms which is in particular compatible with the agri food industry and comprises a biofilm staining solution (2) containing a stain in solution in a dilution phase compatible with the agri food industry wherein said stain is Coomassie blue and a cleaning solution (3) comprising said dilution phase.

No. of Pages : 19 No. of Claims : 14

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

#### (43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD FOR PREPARING SUBSTITUTED ISOXAZOLINE COMPOUNDS AND THEIR PRECURSORS 4 CHLORO 4 BROMO OR 4 IODOBENZALDEHYDE OXIMES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C249/04,C07C251/40,C07D413/04 :10189896.3 :03/11/2010 :EPO :PCT/EP2011/069072 :31/10/2011 :WO 2012/059441 A2 O :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</li> <li>(72)Name of Inventor :</li> <li>1)KÃ-RBER Karsten</li> <li>2)KORDES Markus</li> <li>3)RACK Michael</li> <li>4)VON DEYN Wolfgang</li> <li>5)KAISER Florian</li> </ul>
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(57) Abstract :

The present invention relates to a method for preparing 4 chloro 4 bromo or 4 iodobenzaldehyde oximes and phenyl substituted isoxazoline compounds prepared from these oximes.

No. of Pages : 67 No. of Claims : 29

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : SYSTEMS AND METHODS FOR LOW OVERHEAD WIRELESS BEACONS HAVING COMPRESSED NETWORK IDENTIFIERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:61/506136 :10/07/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>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)ABRAHAM Santosh Paul 2)FREDERIKS Guido Robert 3)MERLIN Simone 4)WENTINK Maarten Menzo</li></ul>
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(57) Abstract :

Systems methods and devices for communicating a compressed beacon are described herein. In some aspects a method of communicating in a wireless network includes creating a shortened network identifier having a first length from a full network identifier having a second length. The first length is shorter than the second length. The method further includes generating a compressed beacon including the shortened network identifier. The method further includes transmitting at an access point the compressed beacon.

No. of Pages : 77 No. of Claims : 120

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : PEPTIDE COMPOSITIONS AND METHODS FOR TREATING LUNG INJURY ASTHMA ANAPHYLAXIS ANGIOEDEMA SYSTEMIC VASCULAR PERMEABILITY SYNDROMES AND NASAL CONGESTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to</li> <li>Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:A61K38/10,A61K38/08,A61K38/20 :61/496409 :13/06/2011 :U.S.A. :PCT/US2012/042118 :13/06/2012 :WO 2012/174028 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>THE BOARD OF TRUSTEES OF THE UNIVERSITY</li> <li>OF ILLINOIS <ul> <li>Address of Applicant :352 Administrative Building 506 South</li> </ul> </li> <li>Wright Street Urbana IL 61801 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>KOMAROVA Yulia A.</li> <li>SAQIB Uzma</li> <li>VOGEL Stephen M.</li> <li>MALIK Asrar B.</li> </ul> </li> </ol></li></ul>
11	:NA	

(57) Abstract :

Provided herein are peptide inhibitors of the interaction between End Binding Protein 3 (EB3) and Inositol 1 4 5 Trisphosphate Receptor Type 3 (IP3R3). Also provided are methods and materials for treating lung injury including acute lung injury which may include hyperpermeability of lung vessels vascular leakage the development of edema asthma anaphylaxis angioedema systemic vascular permeability syndromes and nasal congestion.

No. of Pages : 54 No. of Claims : 28

#### (19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MEDICAL DEVICE HAVING USER FRIENDLY CONTROL INPUT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:PCT/EP2012/060451	<ul> <li>(71)Name of Applicant :</li> <li>1)NOVO NORDISK A/S Address of Applicant :Novo Allé DK 2880 Bagsværd Denmark</li> <li>(72)Name of Inventor :</li> <li>1)KJELDSEN Bastian Gaardsvig</li> <li>2)NIELSEN Karsten Baker</li> </ul>
Filing Date	:01/06/2012	3)MOURIDSEN Brian
(87) International Publication No	:WO 2012/164097	
(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 medical delivery comprising a) a housing (101) adapted to accommodate a drug in a drug reservoir (110) the housing (101) having an exterior surface defining at least one non circular section b) a drive mechanism for expelling doses of drug from the drug reservoir (110) and c) an operable control member (150) arranged at the non circular section of the housing the operable control member (150) being movable relative to the non circular section of the housing for altering a parameter relating to the operation of the medical delivery device. The operable control member (150) comprises a belt like structure arranged to move along the non circular section of the housing so that respective portions of the operable control member change radius of curvature as the respective portions move relative to the non circular section of the housing.

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

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 14/11/2014

(54) Title of the invention : IMAGE FILTER DEVICE DECODING APPARATUS ENCODING APPARATUS AND DATA STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N7/32 :2010138675 :17/06/2010 :Japan :PCT/JP2011/062656 :02/06/2011 :WO 2011/158657 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan</li> <li>(72)Name of Inventor :</li> <li>1)IKAI Tomohiro</li> <li>2)YAMAMOTO Tomoyuki</li> <li>3)YAMAZAKI Takanori</li> </ul>
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#### (57) Abstract :

An adaptive filter (42) is provided with an edge direction detection unit (422) which identifies the direction of an input image in each of a plurality of unit regions that constitute the input image a region classification unit (424) which according to which of a plurality of groups that are predetermined the direction of the input image in each of the unit regions identified by the edge direction detection unit (422) belongs to classifies each of the unit regions as any of a plurality of unit region groups and a filtering unit (425) which calculates the pixel value of each pixel of an output image using a filter coefficient group that is optimized for a unit region group to which a unit region including the pixel belongs to.

No. of Pages : 341 No. of Claims : 29

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : AN ELECTRICAL STIMULATOR FOR IMPROVING THE QUALITY OF MEAT OF ANIMALS AND A PROCESS OF THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:NA :NA :NA :NA : NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TAMIL NADU VETERINARY AND ANIMAL</li> <li>SCIENCES UNIVERSITY <ul> <li>Address of Applicant :MADHAVARAM MILK COLONY,</li> <li>CHENNAI 600 051 Tamil Nadu India</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)DR. K. SIVA KUMAR</li> </ul> </li> </ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Electrical Stimulator for improving the quality of meat of animals comprising a unit(1) to deliver power in two different voltages, namely, 110 volts and 220 volts and capable of producing alternate current square waves pulses of 1 sec On/1 sec Off, 2 sec On/2 sec Off and so on up to 8 seconds, a count setter(2), timer(4); an ammeter(5) and a main switch(6) for starting and stopping stimulation

No. of Pages : 6 No. of Claims : 3

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : INNOVATIVE NEW ADJUSTABLE TOOTHBRUSH WITH HINGES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(2) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RAVISHANKAR. S.S. Address of Applicant :30, OMBR LAYOUT, 4td CRS, II "E" MAIN, BHUVANAGIRI, BANGALORE - 560 053 Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)RAVISHANKAR. S.S.</li> </ul>	
(62) Divisional to Application Number Filing Date	:NA :NA :NA		
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA :NA :NA	India (72) <b>Name of Inventor :</b>	

(57) Abstract :

The present invention first of its kind generally refers to therapeutic and cosmetic product, specially designed to control and eradicate tartar and plaque formation from teeth along with cleaning and polishing of teeth and gums in particular and improve oral health in general. This new speciality tooth brush with hinges can attain required angle slots for convenient brushing and provides comfortable brushing experience with satisfaction. The regular use assists and helps in controlling and eradicating teeth and gum related deceases arising out of bad teeth management.

No. of Pages : 17 No. of Claims : 10

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND DEVICE FOR MANAGING MULTIPLE DESKTOP SCREENS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06F3/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG INDIA SOFTWARE OPERATIONS</li> <li>PRIVATE LIMITED Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',</li> </ul>
(86) International Application No	:NA	NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR,
Filing Date	:NA	BYRASANDRA, BANGALORE - 560 093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BANNE, ABHINANDAN GANAPATI
Filing Date	:NA	2)BHAGAVATHI, PRAKASH
(62) Divisional to Application Number	:NA	3)THARAYIL, RANJITH
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and device for managing desktop screens. In one embodiment, selection of an object displayed on an active desktop screen of an electronic device is detected. Then, a gesture to indicate a desired desktop screen to which the selected object is to be associated is recognized. For example, a user may input an identity associated with the desired desktop screen by making a gesture resembling the identity. The identity may be a number, character, symbol, image, pattern and the like. Furthermore, the desired desktop screen to which the selected object is to be associated to determine whether the recognized gesture matches with an identity of any desktop screen. Accordingly, the selected object is associated with the identified desktop screen.

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

(21) Application No.9861/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :12/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:201210018036.3	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:19/01/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/070778	(72)Name of Inventor :
Filing Date	:21/01/2013	1)LAI Changcai
(87) International Publication No	:WO 2013/107419	
(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 : ENCODING/DECODING METHOD AND DEVICE

(57) Abstract :

The present invention provides a method for encoding intra frame prediction mode. The method comprises: obtaining an intra frame prediction mode of a current intra frame encoding block from a preset prediction mode set; obtaining a reference prediction mode of the current intra frame encoding block the reference prediction mode being an intra frame prediction mode of available adjacent blocks of the current intra frame encoding block or a prediction mode of a preset spare reference mode set; writing a first identifier bit into a code stream according to the reference prediction mode and the intra frame prediction mode; and when the intra frame prediction mode of a size relationship between the intra frame prediction mode and the reference prediction mode and the reference prediction mode and encoding the prediction mode encoding the encoding method provided by the present invention the judgment logic of an encoding end can be saved and the encoding efficiency can be improved. The present invention further provides a corresponding decoding apparatus.

No. of Pages : 34 No. of Claims : 28

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HANDLING OF OPERATOR CONNECTION OFFERS IN A COMMUNICATION NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International</li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number Filing Date</li> <li>(62) Divisional to</li> </ul>	:NA :NA :PCT/SE2011/000114 :15/06/2011 :WO 2012/173528 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)TSIATSIS Vlasios</li> <li>2)FASBENDER Andreas</li> <li>3)HJELM Johan</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Method and apparatus of supporting selection of operator connection offers for a Machine to Machine equipment (10) comprised in a communication network. A network node (14) receives (42) a operator connection request from the Machine to Machine equipment (10) and obtains (44) operator connection offers for the Machine to Machine equipment (10) wherein each offer originates from a separate operator. The network node (14) selects (46) one or more of the obtained offers and sends (48) the selected offers to a decision entity associated with the Machine to Machine equipment (10) for selecting one of the selected offers.

No. of Pages : 40 No. of Claims : 27

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : PRESENSITIZED PLATE FOR LITHOGRAPHIC PRINTING AND METHOD FOR PROCESSING SAME

#### (57) Abstract :

A presensitized plate for lithographic printing which has excellent on press developability and ensures excellent plate durability and which particularly exhibits excellent on press developability even after long term storage characterized by: having between a substrate and a polymerizable image recording layer an intermediate layer that contains a high molecular compound comprising (a1) repeating units which each have a group adsorbable to the substrate and (a2) repeating units which each have a polyoxyalkylene group composed of 8 to 120 oxyalkylene repeating units; and containing a compound that bears an oxyalkylene group and has a molecular weight of 1500 or less in the intermediate layer and/or the polymerizable image recording layer.

No. of Pages : 96 No. of Claims : 13

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : OXYGEN GENERATION USING POWERFUL MAGNETIC FIELDS COUPLED WITH ZEOLITE MIXTURE

(51) International classification:B011(51) International classification53/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country: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:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EESAVYASA TECHNOLOGIES PVT. LTD., Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE, BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA PRADESH-500037 India</li> <li>(72)Name of Inventor :</li> <li>1)D.P. CHAKRAVARTHY</li> <li>2)BANDA RAVI SANKAR</li> <li>3)DR. KUNAM SASIDHAR REDDY</li> </ul>
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(57) Abstract :

In this invention ultra high quantities of oxygen can be produced from the air passed through special formulation of different zeolite mixtures. Initially zeolite mixture absorbs all other gases present in air including nitrogen, carbon dioxide, nitrous oxides etc before entering into a chamber which is placed under the influence of highly powerful rare earth magnets. This external alternating magnetic field will influence the para magnetic nature of oxygen molecules to separate from the trace impurities and produces the high purity concentrated oxygen. For higher yields of oxygen, the oxygen liberated through electrolysis of water will be used instead of air in the same method.

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

(21) Application No.9873/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :12/12/2013

(43) Publication Date : 14/11/2014

(51) International classification	:F16G11/04,F16G11/10	(71)Name of Applicant :
(31) Priority Document No	:1111724.9	1)GRIPPLE LIMITED
(32) Priority Date	:08/07/2011	Address of Applicant : The Old West Gun Works Savile Street
(33) Name of priority country	:U.K.	East Sheffield South Yorkshire S4 7UQ U.K.
(86) International Application No	:PCT/GB2012/000429	(72)Name of Inventor :
Filing Date	:14/05/2012	1)BACON Matthew Steven
(87) International Publication No	:WO 2013/007963	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : GRIPPING ARRANGEMENT AND GRIPPING ASSEMBLY

(57) Abstract :

A gripping arrangement (110) is disclosed for gripping an elongate article (111). The gripping arrangement comprises a body (112) defining a pathway (128) along which the article can extend and a gripping member (1 16) in the body for gripping the article. The gripping member is moveable from a non gripping position to a gripping position. The gripping arrangement further includes urging means (122) to urge the gripping member towards the gripping position and locking means (130) moveable from a non locking position to a locking position. The locking means is configured to lock the article to the gripping member when the locking means is in the locking position.

No. of Pages : 30 No. of Claims : 25

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

(43) Publication Date : 14/11/2014

### (54) Title of the invention : AN INTEGRATED SYSTEM FOR HIERARCHICAL BASED ONLINE MANAGEMENT OF EDUCATIONAL INSTITUTION DATA

(51) International classification	:G09B7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INHODE SOFTWARE SOLUTIONS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :D.NO: 56-3-2/1, GOPI VARI STREET,
(33) Name of priority country	:NA	JAGNNICKPUR, KAKINADA-2, EAST GODAVARI DIST 533
(86) International Application No	:NA	002 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)UDAY SANKAR SAPPA
(61) Patent of Addition to Application Number	:NA	2)SATYANARAYANA VISAMPALLI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An integrated system for hierarchical based online management of educational institution data is disclosed. The system comprises of an admission management module for enabling a respective authorized person to enter admission credentials of one or more student and one or more person for enrolling in a respective class and for a predefined post respectively. The system comprises of an attendance management module for enabling the respective authorized person to enter and retrieve the attendance credentials of the student. The system further comprises of a student marks management module to enter, retrieve and selectively display the marks obtained by the student. The system further comprises of a report management module enabled to generate a financial transaction report, a student evaluation report, a staff performance report and various other reports. It further comprises of transportation module, human resource management module, finance module and a search module configured to allot a transportation means to the student and further enabling the respective authorized person to search for a prerequisite data associated with the educational institution respectively.

No. of Pages : 31 No. of Claims : 11

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD AND DEVICE FOR CONTACTLESS TRANSMISSION OF ELECTRIC ENERGY AND/OR ELECTRIC SIGNALS BETWEEN A WALL AND A WING FASTENED TO SAID WALL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H02J3/46 :10 2010 037 943.3 :04/10/2010 :Germany :PCT/EP2011/067011 :29/09/2011 :WO 2012/045661 A8 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. HAHN GMBH &amp; CO. KG Address of Applicant :Trompeterallee 162 170 41189</li> <li>Mönchengladbach Wickrath Germany</li> <li>2)STAUDE KUNSTSTOFFTECHNIK GMBH</li> <li>(72)Name of Inventor :</li> <li>1)HERGLOTZ Tibor</li> <li>2)STEINFELD Ingo</li> <li>3)STAUDE Wolfgang</li> <li>4)PUPPEL Sascha</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method and device for contactless transmission of electric energy and/or electric signals between a wall and a wing fastened to said wall in which control signals and response and control signals are transmitted bidirectionally between a first coil fastened to the wall and a second coil fastened to the wing.

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

(19) INDIA(22) Date of filing of Application :07/01/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ENERGY SAVING HIGH PRESSURE AIR OR GAS COMPRESSION EQUIPMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	27/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EESAVYASA TECHNOLOGIES PVT. LTD., Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE, BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA PRADESH-500037 India</li> <li>(72)Name of Inventor :</li> <li>1)D.P. CHAKRAVARTHY</li> <li>2)BANDA RAVI SANKAR</li> <li>3)DR. KUNAM SASIDHAR REDDY</li> </ul>
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(57) Abstract :

In this hybrid method of invention, back EMF trapping BLDC motor will be combined with screw type, piston cylinder type, rotary vein and similar type of compressor systems to achieve high pressure of air or gas compression. Depending on the design of the compressor, mechanical advantage principles like hydraulic, screw rods etc. are used along with intelligent automated pressure monitoring electronic devices. This hybrid method can be used in industries wherever gas or air compression required.

No. of Pages : 7 No. of Claims : 6

(21) Application No.9485/CHENP/2013 A

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A23B4/00	(71)Name of Applicant :
(31) Priority Document No	:1109454.7	1)BERNARD MATTHEWS LIMITED
(32) Priority Date	:07/06/2011	Address of Applicant :Great Witchingham Hall Great
(33) Name of priority country	:U.K.	Witchingham Norwich Norfolk NR9 5QD U.K.
(86) International Application No	:PCT/GB2012/000499	(72)Name of Inventor :
Filing Date	:07/06/2012	1)HALL Jeremy
(87) International Publication No	:WO 2012/168685	2)NORMANTON John
(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 : FOOD HYGIENE METHOD AND FOOD PRODUCT

(57) Abstract :

Campylobacter sppThe invention relates to process for reducing the number of viable microorganisms present on the surface of meat especially poultry. The process comprising the steps of rapidly cooling the surface membrane of a contaminated meat item to a sequence of temperatures sufficient to reduce the number of viable bacteria whilst at the same time retaining in the muscle meat the organoleptic and nutritional qualities of fresh meat. . are successfully controlled by the methods disclosed.

No. of Pages : 34 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :07/05/2013

#### (54) Title of the invention : HIGH VOLTAGE AND HIGH CURRENT GENERATOR FOR ELECTROSTATIC PRECIPITATOR

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:B03C3/00 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UJJWAL KUMAR</li> <li>Address of Applicant :G-BLOCK, ROOM NO.208G, VIT</li> </ul>
(32) Priority Date	:NA	MEN'S HOSTEL, VIT UNIVERSITY, VELLORE - 632 014
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)B. LAVANYA
Filing Date	:NA	3)KUMARI SUSHMITA
(87) International Publication No	: NA	4)PRATIMA DIXIT
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UJJWAL KUMAR
(62) Divisional to Application Number	:NA	2)B. LAVANYA
Filing Date	:NA	3)KUMARI SUSHMITA 4)PRATIMA DIXIT

(57) Abstract :

The circuit diagram of high voltage and high current generator for electrostatic precipitator is enclosed. The system implements summation of DC supply voltage to obtain high voltage in kilovolts and high current. Interleaved inductance and capacitance is used to produce very high voltage spikes. The system output voltage is controlled by switching of interleaved configuration of inductor and capacitor. For high voltages the interleaved configuration is connected in series and for high current it is connected in parallel. The voltage can be controlled by switching of the interleaved configuration which in turn controls the electrostatic field. The system has very high filtration efficiency due to very high voltage, high current density facilitates effective charging of particle flowing through the Electrostatic precipitator.

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

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 14/11/2014

### (54) Title of the invention : CONTINUOUS PACKING PRODUCT OF ABSORBENT ARTICLES EXTERIOR SHEETS AND METHOD OF MANUFACTURING CONTINUOUS PACKING PRODUCT OF ABSORBENT ARTICLES

(51) International classification:B65D85/16,A61F13/15,A61F13/47(31) Priority Document No (32) Priority Date:2010-217429(32) Priority Date:28/09/2010(33) Name of priority country:Japan(86) International Application No Filing Date:PCT/JP2011/005481 :28/09/2011(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/042877 A1(87) International Publication No (61) Patent of Addition to Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NA(53) Divisional to Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)UNICHARM CORPORATION <ul> <li>Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo</li> <li>shi Ehime 7990111 Japan</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)HARADA Hiroyuki</li> <li>2)OKANO Ryuji</li> <li>3)KOSAKO Yusuke</li> <li>4)NISHITANI Kazuya</li> </ul> </li> </ul>
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(57) Abstract :

A continuous packing product 1 of an absorbent article 10 has a plurality of packing bodies are continuous with the absorbent article being packed by means of an exterior sheet and the exterior sheet has: a first resin layer 31 which is formed of a thermoplastic resin and a second resin layer 32 which is formed of a thermoplastic resin with a melting point higher than that of the thermoplastic resin forming the first resin layer. A bonded region configured to partition the packing unit 2 by means of thermal bonding is formed on the exterior sheet 3. The second resin layer 32 is laminated on the first resin layer 31 in at least the bonded region 3C and the thermoplastic resin configuring the second resin layer 32 is soluble in a solvent.

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

(21) Application No.9543/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 14/11/2014

(51) International classification	:A61K38/20,A61P37/04	(71)Name of Applicant :
(31) Priority Document No	:61/482009	1)IMMUNOVATIVE THERAPIES LTD.
(32) Priority Date	:03/05/2011	Address of Applicant :Malcha Technology Park Building No.
(33) Name of priority country	:U.S.A.	1 First Floor 96951 Jerusalem Israel
(86) International Application No	:PCT/US2012/036123	(72)Name of Inventor :
Filing Date	:02/05/2012	1)HAR NOY Michael
(87) International Publication No	:WO 2012/151279	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : INDUCTION OF IL 12 USING IMMUNOTHERAPY

(57) Abstract :

The present invention relates to compositions and methods that promote the induction of IL 12 in a patient. The composition includes activated allogeneic cells that are administered to a patient with a disease such as cancer. Administration of the composition skews the patient s immune response to a Th1 environment and produces detectable levels of IL 12 in the patient s plasma without any IL 12 related toxicity.

No. of Pages : 21 No. of Claims : 30

(21) Application No.9731/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 14/11/2014

(54) Title of the invention : SURFACE Pl	LASMON RESONANCE	SENSOR ELEMENT AND SENSOR INCLUDING THE SAME
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G01N21/55 :61/497632 :16/06/2011 :U.S.A. :PCT/US2012/042233 :13/06/2012 :WO 2012/174099 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KANG Myungchan</li> <li>2)HAO Bing</li> <li>3)NELSON Brian K.</li> </ul>

(57) Abstract :

A surface plasmon resonance sensor element includes a thin metallic layer an optical construction disposed on the thin metallic layer for directing light to and away from the thin metallic layer and an absorptive layer disposed on the thin metallic layer opposite the optical construction. The absorptive layer includes a polymer of intrinsic microporosity having an average pore volume of at least 0.4 cubic nanometers.

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

#### (19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : POLYMER POWDER WITH APPROPRIATELY MODIFIED MELTING BEHAVIOUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:102012205908.3 :11/04/2012 :Germany :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EVONIK INDUSTRIES AG Address of Applicant :RELLINGHAUSER STRASSE 1-11, 45128, ESSEN Germany</li> <li>(72)Name of Inventor :</li> <li>1)DIEKMANN, WOLFGANG</li> <li>2)BAUMANN, FRANZ-ERICH</li> <li>3)GREBE, MAIK</li> </ul>
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(57) Abstract :

The present invention relates to precipitated polymer powders based on a polyamide of the AABB type, obtainable by the reprecipitation of polyamides obtained by polycondensation of diamines and dicarboxylic acids, by at least partial dissolution of the polyamides followed by continuous cooling of the solution to below the precipitation temperature. The polyamides are prepared by polycondensation of diamines with dicarboxylic acids. The precipitated polyamides obtained can be used in layer-by-layer shaping processes such as selective laser sintering.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A METHOD TO CONTROL A VEHICLE AND A DEVICE THEREOF

(51) International alogaification	·C05D22/00	(71)Nome of Applicant.
(51) International classification		(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)HEMANTH NIRVANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method to control a plurality of functionalities in a vehicle comprises a master device 108 and atleast one slave device 204The master device 108 establishes a communication with an electronic control unit (ECU) 102 of the vehicle through a communication medium. In normal mode, the master device 108 sends a command to the ECU 102 in the vehicle to control the functionalities in the vehicle by selecting the functionality from the list of functionalities that are activated in the master device 108. In limited mode, the master device 108 authorizes atleast one slave device 204 to establish a communication with the ECU 102. The slave device 204 sends a command to the ECU 102 to control the functionality in the vehicle by selecting atleast one functionality from the list of functionality in the vehicle by selecting atleast one functionality from the list of functionalities that are activated.

No. of Pages : 11 No. of Claims : 7

#### (19) INDIA

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

(54) Title of the invention : WIPER		
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:B60S5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHIVARUDRA NAVI Address of Applicant :#461/B, BETAGERI, TALUQ GOKAK, DISTRICT BELGAUM, KARNATAKA - 591 233 India</li> <li>(72)Name of Inventor :</li> <li>1)SHIVARUDRA NAVI</li> </ul>

(57) Abstract :

The present mechanism is not wiping clearly all surface of wind Screen, so lot of disturbance during driving vehicle even lot new droplets creating on inner surface. The new Wiper Mechanism is developed to wipe clearly including inner and outer surface of windscreen, Parallel Oscillary Mechanism is find out using data and proper thinking about important scope about Wind Screen Wiping, So developed perfect Shivarudra Mechanism for Wiping, so it user and environment friendly also it avoids big accidents.

No. of Pages : 15 No. of Claims : 1

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD AND SYSTEM FOR RECEIVING CUSTOMER REQUIREMENTS AND PROVIDING SERVICES IN A REAL ESTATE ECOSYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)REDIAL REAL ESTATE SEARCH ENGINE PVT LTD Address of Applicant :6-3-596/63/6, NAVEEN NAGAR, BEHIND TAJ KRISHNA, BANJARAHILLS - 500 004 Andhra Pradesh India</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	(72)Name of Inventor : 1)VENKATARAMANA GUDDETI
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a method and platform for receiving customer requirements and providing services to a customer in a real estate ecosystem. The method includes enabling a customer to initially contact a predetermined communication number of a real estate service providing platform to provide a required personal credentials and personalized real estate based requirements, conducting a customized search based on the personalized real estate based requirements received from the user for transmitting a set of initial search results assigned with a text code to a contact number of a portable computing device provided by the customer, enabling the customer to transmit a search query using the text code assigned to for dynamically receiving refined search results associated with a text code from the real estate service providing platform and providing a feedback to the real estate service providing platform for the received search results by transmitting a feedback message comprising service rating representations.

No. of Pages : 21 No. of Claims : 8

(21) Application No.4189/KOLNP/2011 A

(19) INDIA

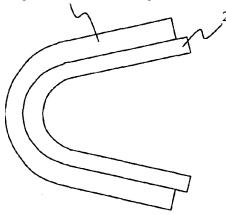
(22) Date of filing of Application :11/10/2011

(43) Publication Date : 14/11/2014

(54) Title of the invention : MULTILAYE	ER SEALING RING	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F16J 15/08 :10 2009 021 504.2 :15/05/2009 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)FEDERAL-MOGUL SEALING SYSTEMS GMBH Address of Applicant :HERMANN-GOETZE-STRASSE,</li> <li>57562 HERDORF, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SCHMITT, KLAUS</li> </ul>

(57) Abstract :

The present invention comprises a sealing ring, in particular for components of an internal combustion engine, with a first and a second axial sealing zone, and comprises an inner closed ring (2) with a V-shaped cross-section, and an outer closed ring (4) with a V-shaped cross-section, the open side of which points in the same direction as that of the inner ring (2).



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

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/11/2014

(54) Title of the invention : PROCESS FC	R REBAUDIOSIDE D	
<ul> <li>(54) Title of the invention : PROCESS FC</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul> </li> <li>Number <ul> <li>Filing Date</li> </ul> </li> </ul>	PR REBAUDIOSIDE D :A21D 2/08 :61/187,470 :16/06/2009 :U.S.A. :PCT/IB2010/001636 :16/06/2010 :WO/2010/146463 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EPC (BEIJING) NATURAL PRODUCTS CO., LTD. Address of Applicant :4/F 3/D, B Building, No. 12 Hongda Beilu, Economic and Technical Development Area, Beijing 100176, China</li> <li>2)ZHEJIANG GREEN WORLD BIO-TECH ENGINEERING CO. LTD.</li> <li>(72)Name of Inventor :</li> <li>1)SHI, Jingang</li> <li>2)FENG Yunlong</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	3)ZHAO Chenghai 4)WANG Hansheng

(57) Abstract :

The invention describes compositions that include rebaudioside D, processes to produce rebaudioside D and formulations that provide ratios of rebaudioside A to rebaudioside D to decrease the aftertaste of rebaudioside A.

No. of Pages : 24 No. of Claims : 26

(22) Date of filing of Application :07/05/2013

#### (43) Publication Date : 14/11/2014

### (54) Title of the invention : METHOD , APPARATUS AND SYSTEM FOR ESTABLISHING SECONDARY INDEX IN A DISTRIBUTED STORAGE SYSTEM

(51) International classification:G00 17/0(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:NAFiling Date:NA	Address of Applicant :HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. China (72)Name of Inventor : 1)JOHN,ANOOP SAM
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#### (57) Abstract :

The embodiments of the present invention provide a method, apparatus and system for establishing secondary index in a distributed storage system, the method comprising: receiving user data sent by a user client, the user data containing key part and value part determining a user table according to the user data; writing the user data into the user table; generating index data according to the user data; writing the index data into an index table corresponding to the user table, wherein the user table and the index table are established in one node of the distributed storage system and are bonded in one-to-one manner. According to the embodiment of the present invention, by binding user table and indexes table, the two remote writing operation acrossing nodes is reduced to one, and data reading is no longer a across- node data required operation, the number of network requests is reduced greatly, and the performance is improved accordingly.

Child table 1 [key-A, key-B)
Child table 2 [key-B, key-C)
Child table 3 [key-C, key-D)
Child table M [key-X, key-Y)

No. of Pages : 28 No. of Claims : 19

#### (19) INDIA

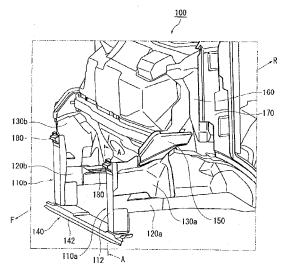
(22) Date of filing of Application :07/05/2014

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : VEHICLE FRONT ST	RUCTURE	
(51) International algoritization	:B60R	(71)Name of Applicant :
(51) International classification	21/00	1)SUZUKI MOTOR CORPORATION
(21) Priority Document No	:2013-	Address of Applicant :300 TAKATSUKA-CHO,MINAMI-
(31) Priority Document No	098073	KU, HAMAMATSU CITY,SHIZUOKA,432-8611 JAPAN
(32) Priority Date	:08/05/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)GOTOH YOICHI
(86) International Application No	:NA	2)TANNAI KATSUNORI
Filing Date	:NA	3)MORITA TAKAHIKO
(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 vehicle front structure that is provided can suppress flexure of the leg portion of a pedestrian during a collision and mitigate the load exerted on the pedestrian. The vehicle front structure of the present invention is configured so as to comprise a vertical member that extends in the up-down direction, a structural member that extends in the vehicle rearward direction and has a front end joined to the rear face of the vertical member, an upper absorber and a lower absorber that are respectively arranged frontward of upper and lower ends of the vertical member, and a horizontal member arranged rearward of the vertical member. When the upper absorber and the lower absorber have undergone deformation and furthermore an upper region and a lower region of the vertical member that are respectively above and below a junction with the structural member have undergone rearward flexure due to being subjected to a load from ahead, the horizontal member supports the upper region of the vertical member after flexure such that a front end of the vertical member at the junction and front ends of the upper absorber and the lower absorber after deformation are located at the same position in the vehicle forward-rearward direction.



No. of Pages : 19 No. of Claims : 5

(22) Date of filing of Application :27/12/2011

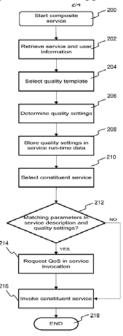
(43) Publication Date : 14/11/2014

## (54) Title of the invention : A METHOD FOR INVOKING A CONSTITUENT SERVICE PROVIDED IN A TELECOMMUNICATION NETWORK AND AN APPLICATION SERVER FOR PROVIDING A COMPOSITE SERVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L12/24 :NA :NA :NA :PCT/EP2009/056956 :05/06/2009 :WO/2010/139368 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)NIEMOELLER, Joerg</li> <li>2)FIKOURAS Ioannis</li> <li>3)FREITER Eugen</li> <li>4)LEVENSHTEYN Roman</li> </ul>
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#### (57) Abstract :

A method is described for invoking a constituent service in a telecommunication network. The constituent service is associated to a composite service. A first group of parameters is determined which is associated with the composite service. A second group of parameters is determined which is associated with the constituent service. The first and the second group of parameters are compared. If there are matching parameters (212) in the first and the second group requirements are determined for the constituent service based on the matching parameters in the first and the second group. The constituent service (216) is invoked according to these requirements. An application server is also described.



No. of Pages : 20 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :11/10/2011

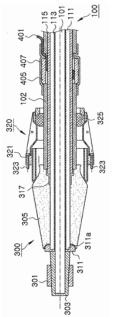
#### (43) Publication Date : 14/11/2014

#### (51) International classification :H01R 3/00 (71)Name of Applicant : (31) Priority Document No :10-2009-0040924 1)YANG, Kyoung-Ho (32) Priority Date Address of Applicant :#208-1504 Shinsung Misozium 2-cha :11/05/2009 (33) Name of priority country Apt. Geumam-dong, Gyeryong Si Chungcheongnam-Do 321-:Republic of Korea 762, Republic of Korea (86) International Application No :PCT/KR2010/000439 (72)Name of Inventor : Filing Date :22/01/2010 (87) International Publication No :WO/2010/131831 1)YANG, Kyoung-Ho (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 : APPARATUS FOR CONNECTING CONNECTION PARTS BETWEEN POWER APPARATUS

#### (57) Abstract :

The present invention relates to an apparatus for connecting connection parts between power apparatuses. The apparatus of the present invention comprises: a cable constituted by a conductive wire, and an outer coating which covers the conductive wire; socket means having a first housing, and a conductive connection element which is arranged in the first housing and which has an insertion groove, wherein the socket means is installed in a power apparatus to form a connection part for electrically connecting the cable to the power apparatus; and plug means which has a conductive ring fitted to the conductive wire exposed by removing the outer coating from one end of the cable, and which is arranged at the cable and fitted to the first housing of the socket means such that the conductive ring is inserted into the insertion groove of the conductive connection element so as to electrically connect the cable to the power apparatus. The present invention provides an apparatus for connecting connection parts between power apparatuses which interconnects power apparatuses through a cable plug-in connection method to accomplish remarkable effects in the aspects of economical advantages, safety, and ease of maintenance and recovery from failure, etc.



No. of Pages : 26 No. of Claims : 41

(21) Application No.4971/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

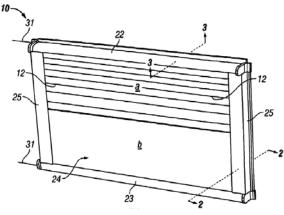
(43) Publication Date : 14/11/2014

(51) International classification	:E06B 9/44	(71)Name of Applicant :
(31) Priority Document No	:0908745.3	1)SOLIPCO LIMITED
(32) Priority Date	:21/05/2009	Address of Applicant :South Gate, High Street, Caerleon,
(33) Name of priority country	:U.K.	Newport, Gwent NP18 1AG, U.K.
(86) International Application No	:PCT/GB2010/050841	(72)Name of Inventor :
Filing Date	:21/05/2010	1)HUGHES, Brian John Howard
(87) International Publication No	:WO/2010/133896	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

#### (54) Title of the invention : ENERGY CONTROL DEVICE FOR WINDOWS AND THE LIKE

(57) Abstract :

A device (10) for fitting to a window or other glazing panel comprises first and second parallel rollers (20,21) disposed at spaced apart positions on opposite sides of the device and an elongate substrate sheet (24) extending between the rollers, the substrate sheet being provided at its upper end (24a) with a series of spatially separated optical elements (12) arranged to reflect incident sunlight upwardly. The lower end (24b) of the substrate (24) is free of elements (12) and is preferably formed of a material which controls the amount of long wave infra-red radiation leaving the room in which the window is provided. The position of the ends of the substrate (24) can be varied by turning the rollers to variably control the solar energy entering a building and to control the amount heat exiting the room. The device (10) may also provide a sealed air gap across the window to act as a thermal barrier.



No. of Pages : 29 No. of Claims : 33

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : N- [ (2 " R) -2 " DEOXY-2 " -FLUORO-2 " -METHYL-P-PHENYL-5 " -URIDYLYL] -L-ALANINE 1-METHYLETHYL ESTER AND PROCESS FOR ITS PRODUCTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C07B 37/00 :61/179,923 :20/05/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)PHARMASSET, INC.</li> <li>Address of Applicant :303A College Road, East, Princeton,</li> <li>New Jersey 08540, U.S.A.</li> </ul>
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/US2010/035641 :20/05/2010 :WO/2010/135569 :NA :NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)ROSS, Bruce, S.</li> <li>2)SOFIA Michael Joseph</li> <li>3)PAMULAPATI Ganapati Reddy</li> <li>4)RACHAKONDA Suguna</li> <li>5)ZHANG Hai-ren</li> <li>6)CHUN Byoung-kwon</li> <li>7)WANG Peiyuan</li> </ul>

(57) Abstract :

Disclosed herein are nucleoside phosphoramidates and their use as agents for treating viral diseases. These compounds are inhibitors of RNA-dependent 5 RNA viral replication and are useful as inhibitors of HCV NS5B polymerase, as inhibitors of HCV replication and for treatment of hepatitis C infection in mammals.

No. of Pages : 129 No. of Claims : 78

(22) Date of filing of Application :10/12/2011

(43) Publication Date : 14/11/2014

## (54) Title of the invention : DISUBSTITUTED-AMINODIFLUOROSULFINIUM SALTS PROCESS FOR PREPARING SAME AND METHOD OF USE AS DEOXOFLUORINATION REAGENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C07D 295/26 :61/218,592 :19/06/2009 :U.S.A. :PCT/CA2010/000959 :18/06/2010 :WO/2010/145037	<ul> <li>(71)Name of Applicant :</li> <li>1)OMEGACHEM INC. Address of Applicant :480, rue Perreault, Saint-Romuald, Québec G6W 7V6, Canada</li> <li>(72)Name of Inventor :</li> <li>1)COUTURIER, Michel</li> <li>2)L,'HEUREUX Alexandre</li> </ul>
<ul> <li>(61) Patent of Addition to Application Number</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

#### (57) Abstract :

The invention relates to disubstituted-aminodifluorosulfinium salts represented by the formula (I). Processes for preparing same and methods of use as deoxofluorinating reagent is also provided.



No. of Pages : 77 No. of Claims : 31

(22) Date of filing of Application :10/12/2011

(43) Publication Date : 14/11/2014

(54) Title of the invention : 3-SUBSTITUTED-8-SUBSTITUTED-3H-IMIDAZO[5,1-D][1,2,3,5-TETRAZIN-4-ONE COMPOUNDS AND THEIR USE 

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:C07B 37/00 :61/219,575 :23/06/2009 :U.S.A. :PCT/GB2010/001233 :23/06/2010 :WO/2010/149968 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PHARMINOX LIMITED Address of Applicant :Biocity Nottingham, Pennyfoot Street, Nottingham NG1 1GF, U.K. </li> <li>(72)Name of Inventor : <ul> <li>1)HUMMERSONE, Marc, Geoffery</li> <li>2)STEVENS Malcolm Francis Graham</li> <li>3)COUSIN David</li> </ul> </li> </ul>
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(57) Abstract :

The present invention pertains generally to the field of therapeutic compounds, and more specifically to 3-substituted-8-substituted-3H-imidazo[5,1-d][1,2,3,5]tetrazin-4-one compounds of the following formula, wherein -A and -B are as defined herein (collectively referred to herein as 38TM compounds): (1). The present invention also pertains to pharmaceutical compositions comprising such compounds, and the use of such compounds and compositions, both in vitro and in vivo, to inhibit cell proliferation, and in the treatment of proliferative disorders such as cancer, etc., and methods of preparing such compounds.

100 "

No. of Pages : 231 No. of Claims : 158

#### (19) INDIA

(22) Date of filing of Application :07/05/2014

(54) Title of the importion AVELUCI E EDONIT STRUCTURE

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : VEHICLE FRONT ST	RUCTURE	
(51) International classification	:B60R 21/00	(71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	:2013- 097251	Address of Applicant :300 TAKATSUKA-CHO,MINAMI- KU, HAMAMATSU CITY,SHIZUOKA,432-8611 JAPAN
(32) Priority Date	:07/05/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)ARAKI TAKASHI
(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 :

In a vehicle front structure that is provided, an absorber can be caused to deform favorably, and a load absorbing effect obtained through that deformation can be improved. The vehicle front structure is configured so as to include a front bumper 110 that constitutes a front face of a vehicle and has a design face 110a inclined so as to rise in the vehicle rearward direction, a horizontal structural member (hood lock member 120) that extends in the vehicle width direction on the rear side of the front bumper, and an absorber 130 attached to the upper portion of the horizontal structural member. The absorber includes a front face portion 132 that extends along the underside of the design face of the front bumper, and a rear face portion 134 that extends rearward and downward from the rear end of the front face portion and has a lower end to be joined to the upper portion of the horizontal structural member. The lower edge of the absorber is curved or bent so as to form an upwardly convex shape when viewed from a side of the vehicle, and the peak of the curve or the bend is located below the rear end, with respect to the vehicle forward-rearward direction, of the design face of the front bumper.

No. of Pages : 20 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :21/12/2011

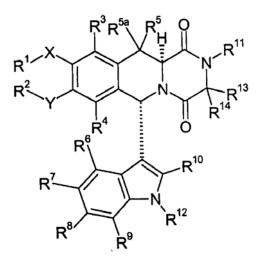
(43) Publication Date : 14/11/2014

(54) Title of the invention : INDOLYL-SUBSTITUTED PYRAZINO-QUINOLINES AND THEIR USE FOR THE TREATMENT OF CANCER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K31/4985 :PCT/GB2009/001598 :25/06/2009 :Argentina :PCT/GB2010/000514 :19/03/2010 :WO/2010/149944 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ONCOREL AB <ul> <li>Address of Applicant :Lund University Bioscience AB, Ole</li> </ul> </li> <li>Römers vag 16, S-223 70 Lund, Sweden</li> <li>(72)Name of Inventor : <ul> <li>1)PERSSON, Jenny</li> <li>2)LARSSON Rikard</li> <li>3)STERNER Olov</li> <li>4)JOHANSSON Martin</li> </ul> </li> </ul>
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#### (57) Abstract :

There is provided compounds of formula I, wherein the wedged bonds, R1, R2, R3. R4, R5, R5a, R8, R7, R8, R9, R10, R11, r12, R13, R14, X and Y have meanings given in the description, and pharmaceutically- acceptable salts thereof, which compounds are useful in the treatment of cancer and conditions affected by inhibition of angiogenesis.



No. of Pages : 85 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :27/12/2011

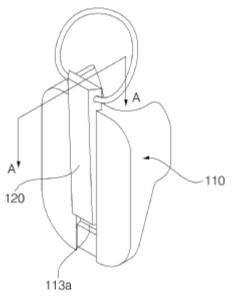
(43) Publication Date : 14/11/2014

### (54) Title of the invention : NOSE PIPE INSTRUMENT CAPABLE OF MODULATING THE TONE THEREOF

<ul> <li>(S5) Name of priority country</li> <li>(S5) Name of priority country</li> <li>(S5) Name of Norea</li> <li>(S6) International Application No</li> <li>(S7) International Publication No</li> <li>(S6) Divisional to Application Number</li> <li>(S6) Divisional to Application Number</li> <li>(S7) NA</li> </ul>	Filing Date (87) International Publica (61) Patent of Addition to Number Filing Date (62) Divisional to Applic	No         :10-2009-0064422           :15/07/2009         :15/07/2009           untry         :Republic of Korea           ation No         :PCT/KR2010/00433           :06/07/2010         :06/07/2010           ation No         :WO/2011/007978           o Application         :NA           :NA         :NA	
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#### (57) Abstract :

Disclosed is a nose pipe instrument capable of modulating the tone thereof. The nose pipe instrument capable of modulating the tone thereof enables a modulating plate to slide to adjust the length of a sealing path for the passage of breath from the nose of a player. Thus, the nose pipe instrument of the present invention can modulate the pitch of the tone to be played, thereby enabling various notes to be played.



No. of Pages : 13 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/12/2011

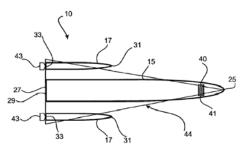
#### (43) Publication Date : 14/11/2014

(34) The of the invention . TRIMARAN		
(51) International classification	:B63B 1/12	(71)Name of Applicant :
(31) Priority Document No	:2009902549	1)AUSTAL SHIPS PTY LTD.
(32) Priority Date	:03/06/2009	Address of Applicant :100 Clarence Beach Road, Henderso
(33) Name of priority country	:Australia	6166 Western Australia, Australia
(86) International Application No	:PCT/AU2010/000687	(72)Name of Inventor :
Filing Date	:03/06/2010	1)ARMSTRONG, Neville Anthony
(87) International Publication No	:WO/2010/139016	
(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 : TRIMARAN MOTION DAMPING

(57) Abstract :

A multi-hulled vessel (10) configured as a trimaran. The multi-hulled vessel (10) comprises a main hull (15) and at least one outer hull (17) to each side of the main hull. The multi-hulled vessel (10) is provided with motion control means (40) for providing damping to wave-induced motion, thereby offering ride control. The motion control means (40) comprises a forward motion damping device (41) disposed adjacent the bow (25) of the main hull (15), and two aft dampening devices (43) disposed one adjacent the stern (33) of each side hull (17). With this arrangement, one of the motion damping devices (41, 43) is located at or near each apex of a notional triangular envelope (44) of the vessel (10). Each motion damping device (41, 43) is configured to resist wave-induced motion of the multi-hulled vessel (10) and thereby provide a damping effect. Each motion damping device (41, 43) may comprise an underwater hydrofoil (45), although other damping arrangements are possible.



No. of Pages : 19 No. of Claims : 14

ACQUISITION MODULE FOR SUCH A CAPACITOR CHARGER SYSTEM

(22) Date of filing of Application :02/01/2012

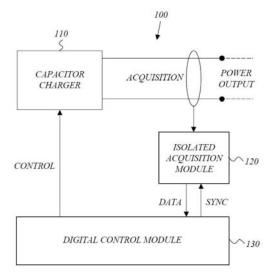
(43) Publication Date : 14/11/2014

#### (51) International classification :H02M 9/04 (71)Name of Applicant : (31) Priority Document No **1)SCANDINOVA SYSTEMS AB** :NA (32) Priority Date Address of Applicant :Ultunaallén 2A, 756 51 Uppsala, :NA (33) Name of priority country :NA Sweden (86) International Application No :PCT/SE2009/050834 (72)Name of Inventor : Filing Date :30/06/2009 1)ELMOVIST, Klas (87) International Publication No :WO/2011/002358 2)HARTMAN Carl (61) Patent of Addition to Application **3)GRAAS Magnus** :NA Number 4)WICKSTRÖM Andreas :NA Filing Date **5)GUSTAFSSON Jonas** (62) Divisional to Application Number :NA **6)LUNDGREN** Jan Filing Date 7)CREWSON Walter Fredrick John :NA

(54) Title of the invention : CAPACITOR CHARGER SYSTEM AND DIGITAL CONTROL MODULE AND ISOLATED

#### (57) Abstract :

The invention relates to a capacitor charger system (100) comprising a capacitor charger module (110), an isolated acquisition module (120), and a digital control module (130). The isolated acquisition module (120) is configured for sampling an output voltage level of said capacitor charger module (110). The digital control module (130) is connected to the isolated acquisition module (120) via a bidirectional link and connected to the capacitor charger module (110) via a control signal interface. The digital control module (130) is configured for generating control signal information and synchronization signal information based on data representative of sampled output voltage levels received via the bi-directional link from the isolated acquisition module (110) via the control signal information to the capacitor charger module (110) via the control signal interface and for sending the control signal information to the isolated acquisition module (120) via the bi-directional link. The capacitor charger module (110) is controlled based on the control signal information from the digital control module, and the isolated acquisition module (120) is configured for performing sampling based on the synchronization signal information.



No. of Pages : 22 No. of Claims : 19

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

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A POSITION MEASUREMENT ARRANGEMENT SYSTEM FOR THE CONTROL VALVE SERVOMOTOR OF 200/210 MW LMZ STEAM TURBINE SETS.

(51) International classification	:G05B11/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED,
(32) Priority Date	:NA	Address of Applicant : REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD),PLOT NO: 9/1,DJ BLOCK 3RD
(86) International Application No	:NA	FLOOR,KARUNAMOYEE,SALT LAKE CITY,KOLKATA-
Filing Date	:NA	700091, BHEL HOUSE, SIRI FORT, NEW DELHI-110049, West
(87) International Publication No	: NA	Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAKESH CHANDRA AGARWAL
(62) Divisional to Application Number	:NA	2)RAJEEV RAWAT
Filing Date	:NA	3)DINESH KUMAR

(57) Abstract :

The present invention relates to a Position Measurement System of a Control Valve Servomotor (CVSM) comprising a holding means to fix the position transmitter (1) at one end and to fix the CVSM at the other extreme end wherein the said position transmitter receives the mechanical movement of the CVSM thereby measuring the position on its basis and converts the mechanical signal to electrical signal.

No. of Pages : 9 No. of Claims : 5

(22) Date of filing of Application :24/12/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : ELECTRICAL ENERGY STORAGE DEVICE MADE OF FLAT CELLS AND FRAME ELEMENTS WITH A SUPPLY CHANNEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> </ul> </li> </ul>	:10 2009 031 127.0 :30/06/2009 :Germany :PCT/EP2010/003409 :07/06/2010 :WO/2011/000458 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LI-TEC BATTERY GMBH Address of Applicant : Am Wiesengrund 7, 01917 Kamenz, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)HOHENTHANNER, Claus-Rupert</li> <li>2)SCHMIDT Torsten</li> <li>3)MEINTSCHEL Jens</li> <li>4)FUCHS Andreas</li> </ul>
(61) Patent of Addition to Application Number		2)SCHMIDT Torsten 3)MEINTSCHEL Jens
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The invention relates to an electrical energy storage device comprising a plurality of flat storage cells for storing and discharging electrical energy, having opposing flat current collectors, a plurality of frame elements for maintaining the storage cells, and a clamping means for clamping the cells with the frame elements into a stack. Each storage cell carries at least one measurement or sensor element for measuring at least one physical variable, to which at least one respective cable for transmitting the measurement data is fixed. The frame elements comprise first recesses for receiving the measurement or sensor elements and second recesses connected to the first recesses, the second recesses of the frame elements together forming at least one channel extending over the length of the device for receiving the cables.

No. of Pages : 24 No. of Claims : 16

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

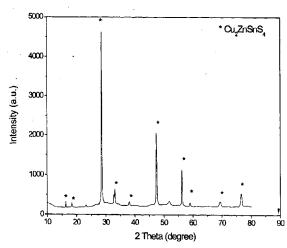
#### (43) Publication Date : 14/11/2014

### (54) Title of the invention : A SYNTHESIS PROCESS OF KESTERITE CZTS NANOPOWDER IN AQUEOUS MEDIA BY MICROWAVE IRRADIATION.

	D0 <b>3</b> 1/	(71)Name of Applicant :
(51) International classification	:B82Y 30/00	,
(31) Priority Document No	:NA	DIVISION(ROD),PLOT NO: 9/1,DJ BLOCK 3RD
(32) Priority Date	:NA	FLOOR,KARUNAMOYEE,SALT LAKE CITY,KOLKATA-
(33) Name of priority country	:NA	700091,HAVING ITS REGISTERED OFFICE AT BHEL
(86) International Application No	:NA	HOUSE,SIRI FORT,NEW DELHI-110049,India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ALEKHYA VENKATA MADIRAJU
(61) Patent of Addition to Application Number	:NA	2)KSHITIJ TANEJA
Filing Date	:NA	3)RAGHUNANDAN SEELABOYINA
(62) Divisional to Application Number	:NA	4)MANOJ KUMAR
Filing Date	:NA	5)SARANG BALKRUSHNA MAHAJAN
-		6)ANUP KUMAR KESHRI

### (57) Abstract :

The present invention relates to a process of synthesizing kesterite nanopowder including a compound of the formula: Cu2aZnbSnc(S/Se)4+d wherein  $0 \le a \le 1$ ,  $0 \le b \le 1$ ,  $0 \le c \le 1$  and  $-1 \le d \le 1$ , comprising the steps of:-contacting a source of Copper, a source of Zinc a source of Tin, and a source of sulphur and/or selenium in the presence of Ammonium Hydroxide in water; stirring and heating the resultant solution in a microwave below a pressure (in-situ reaction generated), at a temperature, power and length of time sufficient to make the kesterite powders.



No. of Pages : 22 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :03/07/2012

(54) Title of the invention : ON LINE MOBILE MIC	RO SCHOOL	,
(51) International classification	:G01N 30/00	(71)Name of Applicant : 1)RANJAN SINHA
(31) Priority Document No	:NA	Address of Applicant :KUSUMANGAN A/142 HOUSING
(32) Priority Date	:NA	COLONY KANKAR BAG COLONY LOHIA NAGAR PATNA
(33) Name of priority country	:NA	800020 Bihar India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANJAN SINHA
(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 :

Online Micro Mobile School is an innovative concept to provide educational support to elementary and secondary students viewing the goal of Right to Education as 2009. In spite of all government efforts still 40% children are out of school viewing this existing problem our innovative concept of Online Micro Mobile School will play a positive role as the solution of the existing problem. The background of this innovative concept is based on the ICT educational, Policy of Government of India. The technical description of this innovative concept is described in the enclosed detailed description of this complete specification. The innovative idea of Mobile Micro School is going to support the R.T.E. goals. Now a day,s approx. 70% population of Jhopad Patti residents are using Mobile. Self-learning educational multimedia material development Edu App. We are in the process of developing Self learning educational multimedia material for the educationally deprived children. Parents of the educationally deprived children will be trained to use the mobile educational material for their children educational.

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

(22) Date of filing of Application :05/12/2011

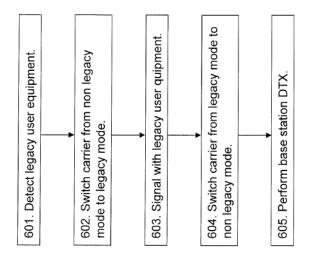
(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD AND ARRANGEMENT IN A RADIO COMMUNICATIONS SYSTEM FOR DYNAMIC CARRIER MODE SWITCHING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04W 88/02 :NA :NA :NA :PCT/SE2009/050504 :08/05/2009 :WO/2010/128910 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)FRENGER, PÅl</li> <li>2)BALDEMAIR Robert</li> <li>3)DAHLMAN Erik</li> <li>4)PARKVALL Stefan</li> </ul>
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#### (57) Abstract :

A method in a radio network node for dynamic carrier mode switching is provided. The radio network node is comprised in a radio communications system. The radio network node is configured to operate in a legacy mode and is further configured to operate in a non legacy mode. At least one carrier is operated so that it switches (602) from non legacy mode to legacy mode. When operating the carrier in the legacy mode, the radio network node signals (603) with a user equipment. The user equipment operates in legacy mode, but cannot operate in non legacy mode. The radio network node then operates the at least one carrier so that it switches (604) from legacy mode back to non legacy mode.



No. of Pages : 40 No. of Claims : 24

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

#### (43) Publication Date : 14/11/2014

## (54) Title of the invention : A METHOD OF MANUFACTURING ALUMINA CERAMICS WITH HIGH ABRASION RESISTANCE FOR WEAR RESISTANCE APPLICATIONS.

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	C04B35/645 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD),PLOT NO: 9/1,DJ BLOCK 3RD FLOOR,KARUNAMOYEE,SALT LAKE CITY,KOLKATA- 700091, BHEL HOUSE,SIRI FORT,NEW DELHI-110049,India</li> <li>(72)Name of Inventor :</li> <li>1)CHENGALA DAMODARA MADHUSOODANA</li> <li>2)BALLEKERE GOVINDAPPA MALLESHAPPA</li> </ul>
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#### (57) Abstract :

The invention relates to a method of manufacturing of Alumina based wear resistance materials using calcined bauxite as a source of raw material. The calcined bauxite mineral is selected such that it has AI203 above 83 %. The ceramic liners produced by firing at temperature 1540 to 1580 C has near zero water absorption, bulk density of above 3.35 g/cc and relative abrasion resistance (RAI) above 15. This product has good abrasion resistance for use as lining material in the coal and ash handling equipments in the power plants and other wear resistance applications.

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

(19) INDIA

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

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : PRESSURE-COOKER GASKET WITH THROUGH-OPENING :A47J (71)Name of Applicant : (51) International classification 27/00 1)SEB S.A. Address of Applicant : CHEMIN DU PETIT BOIS, 69130 (31) Priority Document No :13 54151 :06/05/2013 ECULLY FRANCE (32) Priority Date (33) Name of priority country (72)Name of Inventor : :France (86) International Application No :NA **1)CHAMEROY ERIC** 2)BOUYE NATHALIE, MIREILLE, MARIE-JÉSUS Filing Date :NA (87) International Publication No : NA **3)CHAILLARD HUBERT, ROGER, BERNARD** (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 sealing gasket (20) for a cooking appliance comprising a bowl ending at its upper part with a bowl flange (4) and a lid (5), said gasket including a heel (21) from which extends at least one first lip comprising a bearing surface ending with a terminal edge (24) intended to rest on the bowl flange (4), said gasket being characterized in that the first lip is pierced with at least one through-opening (25) such that said first lip can creep towards the heel (21) when the pressure inside the cooking chamber exceeds the predetermined threshold so as to place said at least one through- opening (25) in communication with the outside of the chamber, whereas the terminal edge (24) still rests on the flange (4) of the bowl. - Food pressure-cooking appliances.

No. of Pages : 20 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 14/11/2014

(54) The of the invention . All hyper to		
(51) International classification	:F02D 19/10	(71)Name of Applicant :
(31) Priority Document No	:0904372.0	1)T BADEN HARDSTAFF LTD.
(32) Priority Date	:13/03/2009	Address of Applicant :Gotham Road, Kingston-on-Soar,
(33) Name of priority country	:U.K.	Nottingham NG11 0DF, U.K.
(86) International Application No	:PCT/GB2010/000451	(72)Name of Inventor :
Filing Date	:12/03/2010	1)WARNER, Nick
(87) International Publication No	:WO/2010/103285	2)FLETCHER Trevor Lee
(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 : AN INJECTOR EMULATION DEVICE

(57) Abstract :

An injector emulation device for incorporation into a multiple fuel engine control system including a first control device (4) configured to operate a plurality of fuel injectors (10) to inject a first fuel into selected cylinders (8) of the engine (6) when the system is operating on the first fuel only and a second control device (54) arranged to operate, instead of the first control device (4), said plurality of injectors (10) to inject said first fuel when the system operates in multifuel mode, said first control device being connected to an injector emulation device for operation during said multifuel mode. The injector emulation device includes an electrical load device (157) arranged to mimic the electrical load characteristic of the injector (10) being emulated and further including electronic means which mimic the inductance and flyback characteristics of the injector (10) being emulated.

No. of Pages : 37 No. of Claims : 15

### (22) Date of filing of Application :12/12/2011

(43) Publication Date : 14/11/2014

### (54) Title of the invention : AUTOMATIC DETECTION OF ERRONEOUS CONNECTIONS BETWEEN ANTENNA PORTS AND RADIO FREQUENCY PATHS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/SE2009/050583 :20/05/2009 :WO/2010/134861 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)MIAO, Qingyu</li> <li>2)COLDREY Mikael</li> <li>3)GUO Zhiheng</li> </ul>
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA	

#### (57) Abstract :

A device (110) receives consecutive negative acknowledgments (NACKs) (540), measures a downlink channel quality (530) associated with the device (110), and triggers autonomous retransmission (430) when power is limited in the device (110), when the device (110) is using a minimum usable enhanced dedicated channel (E-DCH) transport format combination (ETFC), and when one of a number of consecutive NACKs (540) is greater than a predefined number, or the measured downlink channel quality (530) is less than a predefined threshold.

No. of Pages : 40 No. of Claims : 20

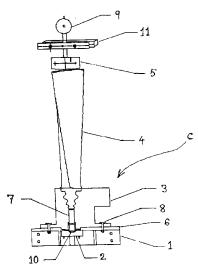
(22) Date of filing of Application :08/05/2013

## (54) Title of the invention : A TIP CHECKING DEVICE FOR FIR TREE BLEDS OF STEAM TURBINE ON VERTICAL MACHINING CENTER (VMC) MACHINE AND METHOD OF CHECKING.

		(71)Name of Applicant : 1)BHABAT HEAVY ELECTRICALS LIMITED
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01B 5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	1)BHARAT HEAVY ELECTRICALS LIMITED
		7)SUDAM KUMAR SHAQO

#### (57) Abstract :

The invention relates a tip checking device for fir tree blades of steam turbine on vertical machining center (VMC) machine and method of checking. The device comprises of a base plate (1), a support block (2) for clamping a hydraulic pump with the base plate (1), a control segment (3) resting on the base plate (1) which is guided by key (6) and tightened by nut and bolt (8). The fir tree blade rests on it. A hydraulic pump (10) is clamped at the bottom center of the base plate (1) with the support of a square block to provide pressure through pin (7) to the blade (4) to lift when the master former (5) attached with spring loaded dial gauge (9) and with spindle adapter (11) mover freely on the tip of the blade (4) as per program and produces deflection in the dial gauge indicator to show the correct blade height and radius of the blade.



No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :30/12/2011

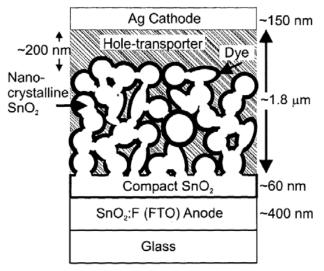
(43) Publication Date : 14/11/2014

(51) International classification	:H01L51/42	(71)Name of Applicant :
(31) Priority Document No	:0909818.7	1)ISIS INNOVATION LIMITED
(32) Priority Date	:08/06/2009	Address of Applicant : Ewert House, Ewert Place,
(33) Name of priority country	:U.K.	Summertown, Oxford OX2 7SG, U.K.
(86) International Application No	:PCT/GB2010/001117	(72)Name of Inventor :
Filing Date	:08/06/2010	1)SNAITH, Henry, J.
(87) International Publication No	:WO/2010/142947	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : SOLID STATE HETEROJUNCTION DEVICE

(57) Abstract :

The present invention provides a solid-state p-n heterojunction comprising a p-type material in contact with an n-type material wherein said n-type material comprises SnO2 having at least one surface-coating of a surface coating material having a higher band-gap than SnO2 and/or a conduction band edge closer to vacuum level than SnO2, such as MgO. The invention also provides optoelectronic devices such as solar cells or photo sensors comprising such a p-n heteroj unction, and methods for the manufacture of such a heteroj unction or device.



No. of Pages : 47 No. of Claims : 29

(19) INDIA

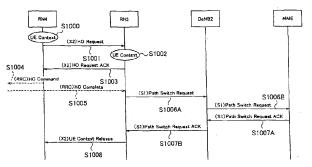
(22) Date of filing of Application :31/10/2011

(43) Publication Date : 14/11/2014

(54) Title of the invention : MOBILE CO	MMUNICATION SYST	EM
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W 92/16 :2009-108557 :27/04/2009 :Japan :PCT/JP2010/057485 :27/04/2010 :WO 2010/126053 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NTT DOCOMO, INC. Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO, 1006150 JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)HAPSARI, WURI ANDARMAWANTI</li> <li>2)TAKAHASHI, HIDEAKI</li> <li>3)UMESH, ANIL</li> <li>4)IWAMURA, MIKIO</li> <li>5)ISHII, MINAMI</li> </ul>

#### (57) Abstract :

A mobile communication system wherein during a handover process, control signals related to the handover process are transmitted/received via an X2-C radio bearer between a relay node (RN3) and a relay node (RN4).



No. of Pages : 22 No. of Claims : 3

#### (19) INDIA

(22) Date of filing of Application :10/11/2011

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : CHOCOLAT	E COMPOSITION	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A23G 1/40 :0906662.2 :17/04/2009 :U.K. :PCT/GB2010/000779	<ul> <li>(71)Name of Applicant :</li> <li>1)CADBURY UK LIMITED Address of Applicant :PO Box 12, Bournville Lane, Bournville, Birmingham B30 2LU, West Midlands, U.K.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:19/04/2010 :WO/2010/119268 :NA :NA :NA	1)WALES, Andrew 2)BROWN Anthony 3)CHILTON Christopher 4)WINDER Philip John 5)SAMANT Shantanu 6)SRIRAM K
Filing Date	:NA	

(57) Abstract :

A chocolate composition and a process for the manufacture of a chocolate composition. The chocolate composition comprises cocoa butter substitute/cocoa butter equivalent in combination with whey. In particular, the composition comprises 40-70wt% sweetener, 25-30wt% cocoa butter substitute (CBS) and/or cocoa butter equivalent (CBE), 4-10wt% non-fat cocoa solids, milk solids and from 0-2wt% cocoa butter, wherein at least 80wt% of the milk solids are constituted by whey.

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

(21) Application No.5021/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

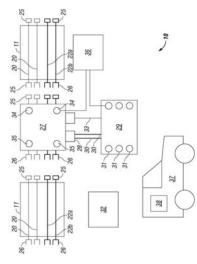
(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B60R 16/03 :0910824.2 :23/06/2009 :U.K. :PCT/GB2010/051033	<ul> <li>(71)Name of Applicant :</li> <li>1)GENERAL DYNAMICS UNITED KINGDOM LIMITED Address of Applicant :21 Holborn Viaduct, London EC1A</li> <li>2DY, U.K.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:22/06/2010	1)MOORE, Paul
(87) International Publication No	:WO/2010/150007	2)HUMPHRIES James
(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 : RECONFIGURABLE VEHICLE POWER AND SIGNAL DISTRIBUTION SYSTEM

#### (57) Abstract :

A reconfigurable vehicle power and signal distribution system is disclosed. The system comprises at least one conduit section for housing a first and second power rail, and a communication line for communicating signals along the conduit. The system further comprises a transfer hub which enables the transfer of power and signals to a distribution hub that comprises a plurality of terminals for separately providing conditioned power to various system modules of the vehicle. The distribution of power from the distribution hub is dependent on signals received from a control unit via the communication line, which controls the power usage within the vehicle. The system enables the at least one conduit section, transfer hub and distribution hub to be reconfigured according to the topography of the vehicle.



No. of Pages : 26 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : DOWNHOLE TOOL LEG RETENTION METHODS AND APPARATUS (51) International classification :E21B 10/26 (71)Name of Applicant : (31) Priority Document No 1)SANDVIK INTELLECTUAL PROPERTY AB :12/489,282 (32) Priority Date Address of Applicant :S-811 81Sandviken, Sweden :22/06/2009 (72)Name of Inventor : (33) Name of priority country :U.S.A. (86) International Application No :PCT/SE2010/050557 1)BHOME, Amol 2)SLAUGHTER Robert H Filing Date :21/05/2010 (87) International Publication No :WO/2010/151204 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A back reamer includes a drive stem configured to support a main reamer body, the main reamer body including a plurality of receptacles, and a plurality of cutting leg assemblies in positive locking engagement with the plurality of receptacles to restrict radial movement of the cutting leg assemblies. The invention also relates to a method of securing cutting leg assemblies to a main reamer body of a back reamer.

No. of Pages : 35 No. of Claims : 29

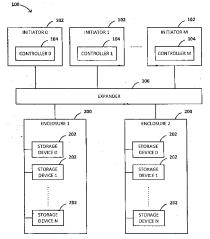
(22) Date of filing of Application :09/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR POWER MANAGEMENT IN A MULTIPLE-INITIATOR STORAGE SYSTEM

(51) International classification1/00(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	<ul> <li>D (71)Name of Applicant :</li> <li>1)LSI CORPORATION <ul> <li>Address of Applicant :1320 RIDDER PARK DRIVE, SAN</li> <li>JOSE, CALIFORNIA 95131 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MADHUSUDANA NARESH</li> <li>2)MATH KIRAN</li> <li>3)NAGESH KARTHIK</li> <li>4)KRISHNAMURTHY NAVEEN</li> </ul> </li> </ul>
(62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract :

The disclosure is directed to a system and method for managing a plurality of storage devices. In an embodiment, at least one enclosure is configured to contain or support a plurality of storage devices accessible by a plurality of initiators. The enclosure further includes or is coupled to a power management controller in communication with the plurality of storage devices. The power management controller is configured to switch one or more storage devices of the plurality of storage devices from a first activity state to a second activity state when the one or more storage devices receive less than a selected number of data transfer requests over a specified time interval, where the one or more storage devices consume less power in the second activity state than in the first activity state.



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

(21) Application No.5227/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

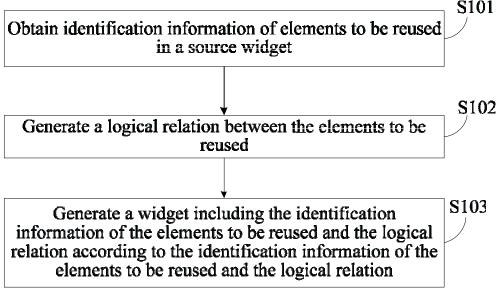
(43) Publication Date : 14/11/2014

(51) International classification	:G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:200910161314.9	1)HUAWEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:20/07/2009	Address of Applicant :Huawei Administration Building,
(33) Name of priority country	:China	Bantian, Longgang District, Shenzhen, Guangdong 518129,
(86) International Application No	:PCT/CN2010/075243	P.R. China
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/009387	1)ZHANG, Jie;
(61) Patent of Addition to Application	:NA	2)FU Haifang;
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : METHOD AND APPARATUS FOR GENERATING WIDGET

(57) Abstract :

A method and an apparatus for generating a widget are provided. The method includes: obtaining identification information of elements to be reused in a source widget; generating a logical relation between the elements to be reused; and generating a widget including the identification information of the elements to be reused and the logical relation according to the identification information of the elements to be reused and the logical relation according to the identification information of the elements to be reused and the logical relation. A method for running a widget and a widget engine are further provided. A new widget may be generated through combination and reuse of existing widgets, so that it is unnecessary to write a code in a development procedure, which reduces the workload of widget development and is beneficial to the development of widget technologies.



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

(22) Date of filing of Application :11/01/2012

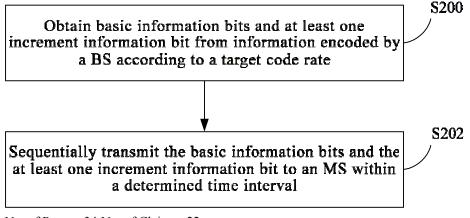
(43) Publication Date : 14/11/2014

## (54) Title of the invention : METHOD FOR TRANSMITTING INFORMATION ACCORDING TO TARGET ENCODING RATE BASE STATION AND MOBILE STATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L27 :200910109671.0 :18/11/2009 :China :PCT/CN2010/078769 :16/11/2010 :WO/2011/060705 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant :Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. China</li> <li>(72)Name of Inventor :</li> <li>1)ZHOU, Lei;</li> <li>2)KONG Xueli;</li> </ul>
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#### (57) Abstract :

An method for transmitting information according to a target encoding rate is provided according to the embodiments of the present invention, which includes: obtaining basic information bits and at least one increment information bit from information encoded by a base station (BS) according to a target encoding rate; and sequentially transmitting the basic information bits and the at least one increment information bit to a mobile station (MS) within a determined time interval, in which the target encoding rate is an encoding rate used by the BS when the MS is capable of correctly decoding the information transmitted by the BS. A BS and an MS are further provided according to the embodiments of the present invention, thereby saving electric quantity of the MS.



No. of Pages : 34 No. of Claims : 22

(19) INDIA

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

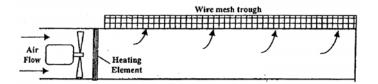
(43) Publication Date : 14/11/2014

### (54) Title of the invention : A NEW CIRCULAR ROTATING WITHERING THROUGH FOR TEA LEAF.

(51) International classification	:A23F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR-721302,West Bengal
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)TEA BOARD(GOVT. OF INDIA)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BISWAJIT MAITI
(61) Patent of Addition to Application Number	:NA	2)RAJDEEP MAHOBIA
Filing Date	:NA	3)BIJOY CHANDRA GHOSH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Process of withering the moisture content of fresh tea leaves in a circular rotating withering trough comprising; connecting the circular rotating trough (1) to a motor (2) and a pulley (6) to rotate the said trough at the required speed; arranging a fabricated construction (4) to accommodate a shaft (5) receiving power from the motor (2) to rotate the said circular trough; placing a plurality of blades (Vane) (3) in the inner annulus of the rotating wire mesh circular trough (1) to throw air radially from innereye to periphery of the said trough(1); wherein, a continuous flow of air cutting across the withering bed of the said trough (1) when the said trough (1) rotates continuously causing a continuous flow of air cutting across the withering bed when the tea leaves undergo a natural shuffling during rotation ensuring uniform air flow through the leaf bed.



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

(22) Date of filing of Application :07/05/2013

#### (43) Publication Date : 14/11/2014

#### (54) Title of the invention : DESIGN OF UNIVERSAL ADJUSTABLE DEVICE FOR LOCATING STEM TURBINE LOCK BLADES ALONG THEIR CENTRAL AXIS FOR CARRYING OUT THEIR ROOT AND SHROUND MILLING ON CNC HORIZONTAL MACHINING CENTER.

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	3/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS</li> <li>DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.</li> <li>(72)Name of Inventor :</li> <li>1)BISWAJIT DAS</li> <li>2)VIJAY KUMAR CHUGH</li> <li>3)SANJIV KUMAR</li> <li>4)SAKSHAM SAXENA</li> <li>5)VIVEK YADAV</li> </ul>
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#### (57) Abstract :

A universal adjustable device (A) for locating steam turbine lock blades along the central axis for carrying out root and shroud milling on CNC horizontal machining centre comprising: body (01) having plurality of holes with internal thread; rod (02) having one end threaded that fits into body (01) by thread connection in perpendicular position; a shunt (03) with plurality of plain holes and threaded holes where the shunt (03) can slide through rod (02), the shunt (03) can also rotate around the axis of rod (04) which can slide inside the other hole of shunt (03) and locked by bolt (5) at any particular position; a rod (04) having one end with plain face and the other end with spherical round surface used for locating the blade surface, slide through the hole provided in the shunt (03) characterized in that the fixing mechanism comprising shunt (03), rod (02) and rod (04) can give a three dimensional movement to the spherical end for locating the lock blade surface.

No. of Pages : 16 No. of Claims : 4

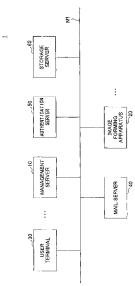
(22) Date of filing of Application :07/05/2014

#### (54) Title of the invention : SYSTEM, METHOD, AND APPARATUS FOR DATA PROCESSING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H04L 12/00 :2013- 099972 :10/05/2013 :Japan :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RICOH COMPANY, LTD Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)NISHIDA TAKAYORI</li> </ul>
<ul> <li>(80) International Application No</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA	
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	

#### (57) Abstract :

A data process system including a unit receiving a mail data including an output data or a target output data via a network, a unit identifying a user-identification data to be associated with the output data based on an address data of a transmission source of the mail data by referring to first and second units, the first unit storing a first address data in correspondence with each user-identification data, the second unit storing a second address data in correspondence with each user-identification data, a unit storing data- identification data in correspondence with the output data in a unit in a case where the user-identification data is identified by referring to the second unit instead of by the first unit, a unit notifying the data-identification data via the network, and a unit transmitting the output data corresponding to the user-identification data or the data-identification data received via the network.



No. of Pages : 150 No. of Claims : 12

(22) Date of filing of Application :19/10/2011

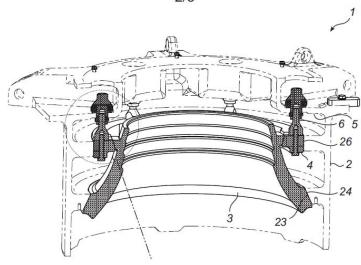
(43) Publication Date : 14/11/2014

(51) International classification	:B02C 25/00	(71)Name of Applicant :
(31) Priority Document No	:0900534-9	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:22/04/2009	Address of Applicant :S-811 81Sandviken, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2010/050337	1)ERIKSSON, Bengt-Arne
Filing Date	:26/03/2010	2)SAARNACK Michael
(87) International Publication No	:WO/2010/123431	
(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 : GYRATORY CRUSHER OUTER SHELL INTENDED THEREFORE AND METHODS FOR MOUNTING AND DISMOUNTING THE OUTER SHELL

#### (57) Abstract :

A gyratory crusher (1) has an outer shell (3), which is attachable in a frame (2) having a frustoconical supporting surface (24), which is facing obliquely downwards and inwards, for supporting a lower portion (23) on the outer surface of the outer shell (3). The outer shell (3) has on the outer surface a collar, which has outer lugs, which are movable, from below, past the supporting surface (24) and between inner lugs of a ring (4). The inner and outer lugs have mutually corresponding contact surfaces, which are adapted, by relative rotation of the ring (4) and the outer shell (3), to be positioned opposite each other and, upon lifting of the ring (4), to lift also the outer shell (3), thereby bringing said lower portion (23) of the outer shell (3) into abutment against the supporting surface (24) of the frame. The contact surfaces of the inner and outer lugs are arranged such that lifting of the ring (4) causes not only the outer lugs to be lifted by means of the inner lugs, but also the inner and outer lugs to be brought into radial abutment against each other.



No. of Pages : 19 No. of Claims : 15

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

## (54) Title of the invention : PREDICTION BASED METHODS FOR FAST ROUTING OF IP FLOWS USING COMMUNICATION/NETWORK PROCESSORS

(51) International classification	04L (71)Name of Applicant : 1)LSI CORPORATION
(31) Priority Document No :N	A Address of Applicant :1320 RIDDER PARK DRIVE, SAN
(32) Priority Date :N	A JOSE, CA 95131 U.S.A.
(33) Name of priority country :N	A (72)Name of Inventor :
(86) International Application No :N	A 1)PAZHAYAKATH BENZEER B
Filing Date :N	A 2)AJMERA VISHAL D.
(87) International Publication No : N	A 3)NARAYANAN SANTOSH
(61) Patent of Addition to Application Number :N	A
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

(57) Abstract :

Aspects of the disclosure pertain to a system and method for providing prediction based, fast routing of IP flows. A hash table-based mechanism is implemented by the system such that classification information obtained and/or utilized for a first packet of an IP flow is applied to subsequent packets of the IP flow, thereby promoting packet processing efficiency for the flow.

No. of Pages : 23 No. of Claims : 20

(19) INDIA(22) Date of filing of Application :10/10/2011

#### (43) Publication Date : 14/11/2014

(51) International classification	:B23C 5/28	(71)Name of Applicant :
(31) Priority Document No	:12/428,201	1)CREARE INCORPORATED
(32) Priority Date	:22/04/2009	Address of Applicant :16 GREAT HOLLOW ROAD,
(33) Name of priority country	:U.S.A.	HANOVER, NH 03755 U.S.A.
(86) International Application No	:PCT/US2010/031884	(72)Name of Inventor :
Filing Date	:21/04/2010	1)ROZZI, JAY, CHRISTOPHER
(87) International Publication No	:WO 2010/144180	2)SANDERS, JOHN KENDALL
(61) Patent of Addition to Application	:NA	3)PASSOW, CHRISTIAN HENRY
Number	:NA	4)DAY, MICHAEL PHILLIP
Filing Date	.INA	5)ARCHIBALD JR., EVERETT, EDGAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : INDIRECT COOLING OF A ROTARY CUTTING TOOL

(57) Abstract :

An indirect cooling system for a rotating cutting tool uses a cryogenic coolant that is delivered to a cavity formed on the back surface of the cutting element, providing cooling near the cutting edge of the element. Because the total flow rate of the working fluid is low (less than 0.08 Liters/min/cutting edge), the fluid can be safely vented to atmosphere from the cavity, and as a result, no specialized coolant recovery or ventilation equipment is needed. The cavity may be formed with fins to enhance the heat transfer between the cutting element and the coolant, and coolant may additionally be sprayed directly onto the exterior surface of the element to cool the tool-chip interface. The indirect cooling system may be used for hard to machine metals and composites, as well as the machining of conventional materials without the use of traditional cutting fluids.

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

(22) Date of filing of Application :13/05/2013

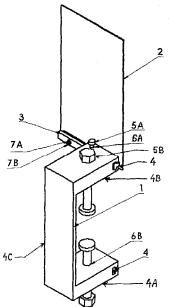
(43) Publication Date : 14/11/2014

# (54) Title of the invention : "FIXTURE TO PROTECT STATOR CORE FROM DIRECT HEATING DURING WELDING THE STATOR CORE BARS IN TURBO GENERATORS"

(51) International classification:H(51) International classification15(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:NFiling Date:N(62) Divisional to Application Number:NFiling Date:NFiling Date:NFiling Date:NFiling Date:NState:N </th <th>Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 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)BHANU MURTHY VISHNUBHATLA, 2)RAJU YADAV</th>	Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 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)BHANU MURTHY VISHNUBHATLA, 2)RAJU YADAV
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#### (57) Abstract :

A fixture (1) of "c" shaped structure having a base (4A) and a top (4B) jointed by vertical plate (4C) is made either by fabrication or milled to a single unit. The fixture has T-shaped slot (4) to provide T-slot bar (3) in the groove. A shield plate (2) is fixed to the T-slot bar (3) with screw (7A). The shield, which can slide is provided in the fixture (1) to protect the stator core from direct heating due to welding.



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

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 14/11/2014

# (54) Title of the invention : 'METHOD OF DRILLING OF HEMISPHERICAL WORK PIECES HAVING LARGE DIAMETER AND HIGH THICKNESS BY PLACING THE WORK PIECE IN A HOLDING DEVICE'

(51) International classification	:E21B 7/00	(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)ARUMUGA KONAR GUNASEKARAN
Filing Date	:NA	2)MAHENDRAN SATHESE,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a method of drilling holes in a hemispherical work piece having high thickness, comprising placing the work piece in an inclined position on an inclined circular plate (07); clamping the work piece with fasteners (08, 09) so that the displacement of the work piece in any of the three planes (XYZ) is arrested; positioning the work piece to the required angle by a plurality of triangle fabricated frames (12) which is placed in between a third plate and a second plate (06, 02) on the vertical direction between the third plate and a first plate (06, 01) in the horizontal direction; and drilling a first hole in the vertical boring machine and drilling a second hole in a horizontal boring machine without further measurement of the first hole-dimension.

No. of Pages : 13 No. of Claims : 3

(22) Date of filing of Application :01/06/2011

(43) Publication Date : 14/11/2014

## (54) Title of the invention : A METHOD OF LOWERING CIRCULATING OXIDIZED LOW DENSITY LIPOPROTEIN-BETA-2-GLYCOPROTEIN 1 COMPLEX FOR TREATMENT OF ATHEROSCLEROSCLEROSIS

Filing Date :10/11/2	,8231)FRAMROZE BOMI P.2008Address of Applicant :1 Burton Road Toronto ON M5P 1T6(CA) U.S.A.32009/007669(72)Name of Inventor :
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#### (57) Abstract :

Methods of reducing circulating oxidized low density lipoprotem-beta-2-glycoprotem I complex and circulating Myeloperoxidase levels for treating atherosclerosis by administering to subjects an effective amount of a dietary oil composition including polyunsaturated fatty acids, monounsaturated fatty acids and saturated fatty acids.

No. of Pages : 22 No. of Claims : 9

(22) Date of filing of Application :20/08/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD FOR CONTROLLING PROLIFERATION OF CORD BLOOD HEMATOPOIETIC STEM CELLS AND USE THEREOF

Т

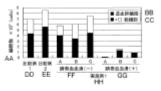
(51) International classification	:C12M1/00	(71)Name of Applicant :
(31) Priority Document No	:2009-015639	1)JMS CO., LTD.
(32) Priority Date	:27/01/2009	Address of Applicant :12-17, Kako-machi, Naka-ku,
(33) Name of priority country	:Japan	Hiroshima-shi, Hiroshima 730-8652, JAPAN
(86) International Application No	:PCT/JP2010/050795	(72)Name of Inventor :
Filing Date	:22/01/2010	1)HIRAI, Satoshi
(87) International Publication No	:WO/2010/087283	2)OGATA Kasumi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11-4-4-4		l

## (57) Abstract :

SEE ATTACHED

Provided is a method for controlling the propagation and differentiation of hematopoietic stem cells derived from umbilical cord blood. The method displays superior safety for propagation by culturing of the hematopoietic stem cells. The hematopoietic stem cells are seeded in a medium containing the ultrasound-treated liquid component of umbilical cord blood. Propagation and differentiation of umbilical cord blood hematopoietic stem cells can be suppressed as long as operations are performed in the presence of the ultrasound-treated liquid component of umbilical cord blood. On the other hand, propagation of umbilical cord blood hematopoietic stem cells can be promoted by seeding the hematopoietic stem cells in a medium containing the liquid component of umbilical cord blood that has not been subjected to ultrasound treatment. Thus, it is possible to arbitrarily control propagation and differentiation and promote propagation of umbilical cord blood hematopoietic stem cells by using serum derived from umbilical cord blood.

(属力)



Number of cells x 10<sup>4</sup> (cells) AA

BB CC Hematopoietic cells Total cells

DD Comparative example 1

Comparative example 2 Umbilical cord blood serum (-) Umbilical cord blood serum (+) EE FF

GG HH Example 1

No. of Pages : 59 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :27/10/2011

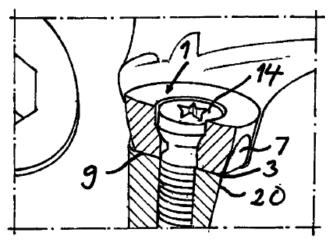
(43) Publication Date : 14/11/2014

(51) International classification	:B23C 5/20	(71)Name of Applicant :
(31) Priority Document No	:0900587-7	1)SECO TOOLS AB
(32) Priority Date	:30/04/2009	Address of Applicant :S-737 82 Fagersta, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2010/050437	1)SCANDROGLIO, Emilio
Filing Date	:21/04/2010	
(87) International Publication No	:WO/2010/126430	
(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 : A CUTTING TOOL AND AN INSERT HOLDER FOR A CUTTING TOOL

(57) Abstract :

A cutting tool has an indexable insert (1), a holder with a holder member (20) and means (14) for securing the insert to the holder. An upstanding holder wall and a conical insert clearance surface are designed so as to enable securing of the insert to the holder in a finite number of fixed relative positions. A curved portion of the upstanding holder wall supports said conical clearance surface laterally in each said fixed relative position of the holder and the insert. A tight abutment of said conical clearance surface on said curved portion is provided to dirt from penetrating therebetween.



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

(22) Date of filing of Application :08/05/2013

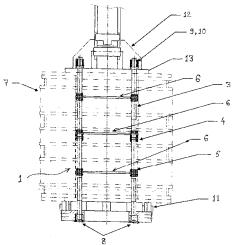
(43) Publication Date : 14/11/2014

# (54) Title of the invention : A LIFTING FIXTURE FOR LIFTING AND INSERTING UNWOUND CORE (S) OF 600/600 MW TURBO GENERATOR INTO A STATOR FRAME.

		(71)Name of Applicant :
(51) International classification	:B23P	
	19/00	11
(31) Priority Document No	:NA	LIMITED. REGIONAL OPERATIONS DIVISION(ROD), PLOT
(32) Priority Date	:NA	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)SANDEEP KUMAR
Filing Date	:NA	2)UTTAM KUMAR KAMILA
(62) Divisional to Application Number	:NA	3)SUNIL KUMAR GUPTA
Filing Date	:NA	4)AJIT KUMAR
-		5)GAGAN KUMAR

## (57) Abstract :

A lifting fixture for lifting and inserting unwounded core(s) 600/660 MW turbo generator into a starter frame comprises of lifting studs (3), coupler (4), lock nuts (5) and rings (6). The studs are assembled with the help of coupler. 8 such studs (3) are inserted through the rings (6) and through the transport and assembly plate (11) and lifting fixture top plate when the fixture (1) is inserted through unwound core. The studs at exciter end are locked by special nut (8) and the studs at the turbine end are locked by split nut and ring.



No. of Pages : 16 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :16/08/2011

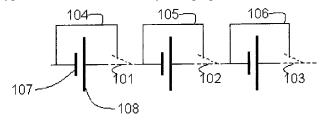
(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H01M 2/20 :10 2009 005 228.3 :20/01/2009 :Germany :PCT/EP2010/000087	<ul> <li>(71)Name of Applicant :</li> <li>1)LI-TEC BATTERY GMBH Address of Applicant :Am Wiesengrund 7, 01917 Kamenz, GERMANY</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:11/01/2010 :WO/2010/083945	1)MEINTSCHEL, Jens 2)SCHAEFER Tim
(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 : PROTECTIVE UNIT FOR GALVANIC CELLS

(57) Abstract :

A protective unit for galvanic cells, which are interconnected into a battery by way of contact elements that are connected in a suitable manner to pole connections of said cells, can be associated with individual cells of a battery. The protective unit comprises an activation unit (1008, 1108, 1208, 1011, 1111) for the activation thereof. When the protective unit is activated, said protective unit bypasses the associated cell by changing the interconnection and thus takes it electrically out of the battery assembly.



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

(21) Application No.3446/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :16/08/2011

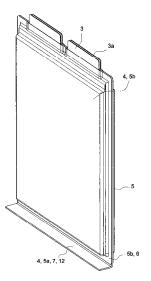
(43) Publication Date : 14/11/2014

(51) International classification	:H01M 2/06	(71)Name of Applicant :
(31) Priority Document No	:10 2009 005 497.9	1)LI-TEC BATTERY GMBH
(32) Priority Date	:21/01/2009	Address of Applicant : Am Wiesengrund 7, 01917 Kamenz,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2010/000257	(72)Name of Inventor :
Filing Date	:18/01/2010	1)MEINTSCHEL, Jens
(87) International Publication No	:WO/2010/083973	2)HOHENTHANNER Claus-Rupert
(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 : GALVANIC CELL WITH COMPRISING SHEATHING II

(57) Abstract :

The invention relates to a galvanic cell according to the invention with a substantially prismatic or cylindrical structure, said cell having a first electrode stack. A first current conductor is connected to a first electrode stack. In addition, the galvanic cell has sheathing that at least partially surrounds a first electrode stack. Part of a first current conductor extends from said sheathing. The galvanic cell also has a second electrode stack and a second current conductor. The sheathing has at least one first deep drawn part and one second deep drawn part. One of the deep drawn parts has a higher thermal conductivity than the other deep drawn parts. The deep drawn parts of the sheathing are provided to at least partially surround at least one electrode stack.



No. of Pages : 29 No. of Claims : 18

(21) Application No.3447/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :16/08/2011

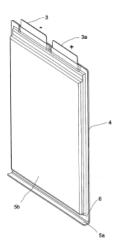
(43) Publication Date : 14/11/2014

(51) International classification	:H01M10/44	(71)Name of Applicant :
(31) Priority Document No	:10 2009 005 498.7	1)LI-TEC BATTERY GMBH
(32) Priority Date	:21/01/2009	Address of Applicant : Am Wiesengrund 7, 01917 Kamenz,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2010/000256	(72)Name of Inventor :
Filing Date	:18/01/2010	1)MEINTSCHEL, Jens
(87) International Publication No	:WO/2010/083972	2)HOHENTHANNER Claus-Rupert
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

#### (54) Title of the invention : GALVANIC CELL COMPRISING SHEATHING

(57) Abstract :

The invention relates to a galvanic cell according to the invention with a substantially prismatic or cylindrical structure and an electrode stack. In addition the galvanic cell has at least one current conductor that is connected to the electrode stack and sheathing that at least partially surrounds the electrode stack. Part of a current conductor extends from said sheathing. The sheathing has at least one first deep drawn part and one second deep drawn part. One deep drawn part has a higher thermal conductivity than the other deep drawn parts. The deep drawn parts of the sheathing are provided to at least partially surround the electrode stack.



No. of Pages : 51 No. of Claims : 16

(21) Application No.3448/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :16/08/2011

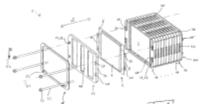
(43) Publication Date : 14/11/2014

(51) International classification	:H01G9/004	(71)Name of Applicant :
(31) Priority Document No	:10 2009 005 124.4	1)LI-TEC BATTERY GMBH
(32) Priority Date	:19/01/2009	Address of Applicant : Am Wiesengrund 7, 01917 Kamenz,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2010/000176	(72)Name of Inventor :
Filing Date	:14/01/2010	1)MEINTSCHEL, Jens
(87) International Publication No	:WO/2010/081704	2)BRASSE Claudia
(61) Patent of Addition to Application	:NA	3)SCHMIDT Torsten
Number	:NA :NA	4)HOHENTHANNER Claus-Rupert
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

#### (54) Title of the invention : ELECTROCHEMICAL ENERGY STORAGE DEVICE

(57) Abstract :

A storage device for electric energy according to an aspect of the invention comprises a plurality of flat storage cells (2), wherein a plurality of storage cells (2) are stacked in a stacking direction into a cell block (1) and are held together by a tensioning device (22, 24, 26, 222) between two pressure plates (18, 20), and wherein the storage cells (2) are connected to each other within the cell block (1) in parallel and/or in series. Each storage cell (2) is held in the edge region (6) thereof between two frame elements (12, 14, 16). According to another aspect, each storage cell comprises current conductors (8, 10) in the edge region (6) and electric contacting between current conductors (8, 10) of successive storage cells (2) is carried out via the tensioning device (22, 24, 26, 222) by way of a non-positive fit.



No. of Pages : 122 No. of Claims : 79

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

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : A FLUX CRUSHER LUBRICATION SYSTEM INVOLVING LINE LEAKAGE DETECTION. :F16N (71)Name of Applicant : (51) International classification 25/00 **1)STEEL AUTHORITY OF INDIA LIMITED** Address of Applicant : DURGAPUR STEEL PLANT. (31) Priority Document No :NA (32) Priority Date DURGAPUR-713203, WEST BENGAL :NA (33) Name of priority country :NA (72)Name of Inventor : (86) International Application No **1)LASKAR TUSHAR KANTI** :NA Filing Date :NA (87) International Publication No : NA

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

A Flux Crusher Lubrication System involving a switching apparatus is disclosed for use as a line leakage detector in grease lubrication unit in steel plant. More particularly, the Flux Crusher Lubrication System is equipped with a small electrical switch such as a door switch, with a very less operating distance, capable of precisely detecting the small movement of the plunger, in or out of the distribution box to actuate changeover of grease line for pumping in grease in alternate lines in the Lubrication System. Advantageously, the door switch with attachments in the flux crusher lubrication system according to the present invention is capable of detecting small movements around 3 to 8 mm of plunger in a reliable manner, even in a dusty area, for pressure sensitive distribution of grease in alternate lines of the flux crusher lubrication system.

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

(21) Application No.5080/KOLNP/2011 A

(22) Date of filing of Application :19/12/2011

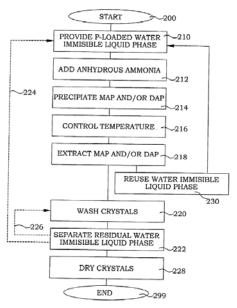
(43) Publication Date : 14/11/2014

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C05B 11/08 :0950376-4 :27/05/2009 :Sweden :PCT/SE2009/051041 :18/09/2009 :WO/2010/138045	<ul> <li>(71)Name of Applicant :</li> <li>1)EASYMINING SWEDEN AB Address of Applicant :Box 322, S-751 05 Uppsala, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)COHEN, Yariv</li> </ul>
(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 : PRODUCTION OF AMMONIUM PHOSPHATES

(57) Abstract :

A method for production of ammonium phosphates comprises providing (210) of a phosphorus-loaded water immiscible liquid phase, adding (212) of anhydrous ammonia to the water immiscible liquid phase, precipitating (214) of mono-ammonium phosphate and/or di- ammonium phosphate from the water immiscible liquid phase and extracting (218) of the precipitated mono-ammonium phosphate and/or di-ammonium phosphate from the water immiscible liquid phase. The method further comprises controlling (216) of a temperature of the water immiscible liquid phase during the adding (212) and precipitating (214) to a predetermined temperature interval.



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

(22) Date of filing of Application :14/01/2012

(43) Publication Date : 14/11/2014

2)MUETH Alan R.

#### (51) International classification :B24C1 (71)Name of Applicant : (31) Priority Document No 1)THE MATERIAL WORKS, LTD. :12/887.769 :22/09/2010 (32) Priority Date Address of Applicant :101 South Main Street, Red Bud, (33) Name of priority country Illinois 62278, U.S.A. :U.S.A. (86) International Application No :PCT/US2011/051286 (72)Name of Inventor : Filing Date :13/09/2011 1)VOGES, Kevin, C.

:WO/2012/039986

:NA

:NA

:NA

:NA

## (54) Title of the invention : METHOD OF PRODUCING RUST INHIBITIVE SHEET METAL THROUGH SCALE REMOVAL WITH A SLURRY BLASTING DESCALING CELL HAVING IMPROVED GRIT FLOW

(57) Abstract :

Filing Date

Filing Date

Number

A method is provided for removing iron oxide scale from sheet metal and producing a sheet metal surface with rust inhibitive properties. The sheet metal is advanced through the descaling cell and a slurry mixture is propelled against at least one of the top surface and bottom surface of the sheet metal across the sheet metal width as the material is advanced through the descaling cell. The rate of slurry impact against the at least one of the top surface and bottom surface of the sheet metal is controlled in a manner to remove substantially all of the scale from a surface of the sheet metal, and in a manner to create a passivation layer on the descaled surface of the sheet metal. The passivation layer comprises at least one of silicon, aluminum, manganese and chromium and inhibits oxidation of the descaled surface of the processed sheet metal.

No. of Pages : 51 No. of Claims : 47

(87) International Publication No

(61) Patent of Addition to Application

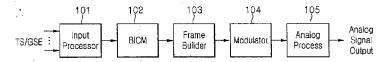
(62) Divisional to Application Number

(12) PATENT APPLICATION PUBLICATION (21) Application No.1850/KOLNP/2011 A (19) INDIA (22) Date of filing of Application :04/05/2011 (43) Publication Date : 14/11/2014 (54) Title of the invention : APPARATUS FOR TRANSMITTING AND RECEIVING A SIGNAL AND METHOD OF TRANSMITTING AND RECEIVING A SIGNAL (51) International classification :H04N7/015 (71)Name of Applicant : (31) Priority Document No 1)LG ELECTRONICS INC. :61/156.884 (32) Priority Date :03/03/2009 Address of Applicant :20, YEOUIDO-DONG, (33) Name of priority country YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF :U.S.A. (86) International Application No :PCT/KR2009/002521 KOREA Filing Date (72)Name of Inventor : :13/05/2009 (87) International Publication No :WO 2010/101328 1)KO, WOO SUK (61) Patent of Addition to Application 2)MOON, SANG CHUL :NA Number :NA Filing Date

#### (57) Abstract :

Filing Date

The present invention relates to method of transmitting and receiving signals and a corresponding apparatus. One aspect of the present invention relates to an efficient layer 1 (L1) processing method for a transmitter and a receiver using data slices.



:NA

:NA

No. of Pages : 142 No. of Claims : 15

(62) Divisional to Application Number

(19) INDIA

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

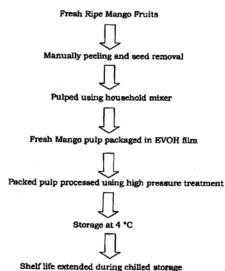
(43) Publication Date : 14/11/2014

#### (54) Title of the invention : HIGH PRESSURE PASTEURIZED MANGO PULP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:A23B7/08, A23L1/212 :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY,</b> Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)NEELIMA KAUSHIK 2)P. SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA :NA	3)BARJINDER PAL KAUR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

This invention relates to a process for the preparation of high hydrostatic pressure pasteurised mango pulp comprising the steps of providing fresh ripe mangoes, peeling the same, removing the seeds therefrom followed by pulping the deseeded mangoes, packing the pulp in films and subjecting the same to pressurization at atleast 600 MPa at 25 to 35°C for pressure-hold duration of atleast 5 min, to obtain pasteurized mango pulp.



No. of Pages : 9 No. of Claims : 3

(22) Date of filing of Application :10/09/2011

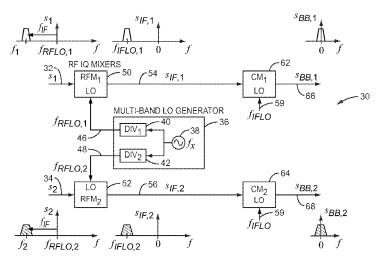
(43) Publication Date : 14/11/2014

(54) Title of the invention : MULTI-BAND AGGREGATED SPECTRUM RECEIVER EMPLOYING FREQUENCY SOURCE REUSE

(51) International classification	:H04B1/00	(71)Name of Applicant :
(31) Priority Document No	:61/152,811	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:16/02/2009	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/EP2010/051834	1)SUNDSTRÖM Lars
Filing Date	:15/02/2010	2)ANDERSSON Stefan
(87) International Publication No	:WO/2010/092167	3)STRANDBERG Roland
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l.

#### (57) Abstract :

Efficient carrier aggregation is enabled in a receiver employing a single frequency source, and dividing the frequency source by different frequency dividing factors to generate two or more RF LO frequencies. Received signals are down-converted to intermediate frequencies by mixing with the respective RF LO frequencies. By utilizing only a single high frequency source, embodiments of the present invention avoid spurious and injection locking issues that arise when integrating two or more frequency sources, and additionally reduce power consumption as compared to a multiple frequency source solution.



No. of Pages : 27 No. of Claims : 22

(21) Application No.3744/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :10/09/2011

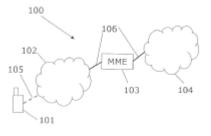
(43) Publication Date : 14/11/2014

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:61/152,817	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:16/02/2009	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/EP2010/051105	1)WASS Mikael
Filing Date	:29/01/2010	
(87) International Publication No	:WO/2010/091966	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 (		1

#### (54) Title of the invention : UN-CIPHERED NETWORK OPERATION SOLUTION

(57) Abstract :

The present invention relates to a solution for handling security issues of non access stratum (NAS) signaling in a telecommunications network (100) The NAS signaling is performed between a user equipment (UE) and a mobility management node, e.g. a mobility management entity (MME) The solution is realized in a device and in a method comprising steps of receiving an initial non access stratum message from the UE (101) communicating wirelessly (105) with the telecommunications network, determining security context status for the UE, determining if un-ciphered mode is to be used in the security context, set ciphering algorithm to a null ciphering algorithm, transmitting a security context and activation message to the UE, comprising information indicating ciphering algorithm, and receiving a security context activation acknowledge message from the UE.



No. of Pages : 18 No. of Claims : 13

(21) Application No.3745/KOLNP/2011 A

(19) INDIA

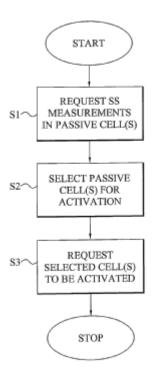
(22) Date of filing of Application :10/09/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : CONTROLLING CELL ACTIVATION IN A RADIO COMMUNICATION NETWORK (51) International classification :H04W48/20 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) :NA (32) Priority Date Address of Applicant :S-164 83 Stockholm, Sweden :NA (33) Name of priority country (72)Name of Inventor : :NA 1)ÖSTERLING, Jacob (86) International Application No :PCT/SE2009/050161 Filing Date :16/02/2009 (87) International Publication No :WO/2010/093298 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In a radio communication network having one or more active cells, a basic idea is to request (S1) signal strength measurements in an area of at least one passive other cell of a radio base station currently not transmitting any cell-defining information for the passive cell. Based on received information representative of the requested signal strength measurements, at least one passive cell is selected (S2) for activation, and the selected cell is then requested to be activated (S3) by causing the corresponding radio base station managing the selected cell to start transmission of cell-defining information to assist user equipment in finding the cell. In this way the invention allows cells to stay passive for as long as possible to reduce power consumption, and allows passive cells to be activated when needed to ensure satisfactory communication services for the users.



No. of Pages : 43 No. of Claims : 24

(21) Application No.41/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS C	F GENERATING HYBI	RID/CHIMERIC CELLS  AND USES THEREOF
(51) International classification	:C12P 21/00	(71)Name of Applicant :
(31) Priority Document No	:2009902652	1)BTS RESEARCH INTERNATIONAL PTY LTD.
(32) Priority Date	:10/06/2009	Address of Applicant :Suite 10, 871 Pacific Highways
(33) Name of priority country	:Australia	Chatswood, New South Wales 2067, Australia
(86) International Application No	:PCT/AU2010/000715	(72)Name of Inventor :
Filing Date	:10/06/2010	1)KASEKO, Galina;
(87) International Publication No	:WO/2010/141989	2)MAHAWORASILPA Tohsak L.;
(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 hybrid cells and methods for producing hybrid cells. In particular, the invention relates to hybrid cells generated from the hybridization of at least three cells where at least two cells are derived from different lineages. The invention further relates to the use of hybrid cells for the expression of proteins useful in a range of diagnostic, prophylactic, therapeutic and/or research applications.

No. of Pages : 157 No. of Claims : 65

(19) INDIA

(22) Date of filing of Application :14/01/2012

(43) Publication Date : 14/11/2014

(51) International classification	:H04L12	(71)Name of Applicant :
(31) Priority Document No	:200910205951.1	1)HUAWEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:17/11/2009	Address of Applicant :Huawei Administration Building,
(33) Name of priority country	:China	Bantian, Longgang District, Shenzhen, Guangdong 518129,
(86) International Application No	:PCT/CN2010/077809	P.R. China
Filing Date	:16/10/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/060677	1)NI, Hui;
(61) Patent of Addition to Application	:NA	2)LIU Li;
Number	:NA :NA	3)ZHAO Zhibin;
Filing Date	.NA	4)GUO Changzhi;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 .		1

## (54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR ACTIVE-STANDBY SWITCHOVER

(57) Abstract :

The present invention relates to the field of communication technologies and discloses a method, an apparatus, and a system for active-standby switchover. The method includes: before transmitting a corresponding packet group to a peer under a peer session, copying the corresponding at least one packet group to a standby board; recording the copied packet group and generating according to the sequence of copying a transmission rule chain table of the active board, so that the standby board generates according to the sequence of copying a transmission rule chain table of the standby board which is the same as the active transmission rule chain; and transmitting the packet group according to the sequence of the transmission rule chain table of the transmission rule chain table of the standby board which is the same as the active board, so that the standby board monitors the transmission progress of the active board according to the transmission rule chain table of the standby board and resumes transmission from a breakpoint upon an active-standby switchover.

No. of Pages : 26 No. of Claims : 16

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

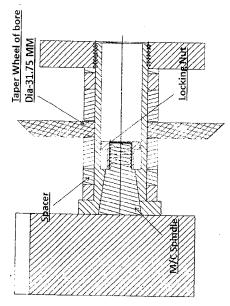
#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : DESIGN & MANUFACTURING OF A COUPLING DEVICE FOR CLAMPING THE ABRASIVE WHEEL OF BORE SIZE 20 MM IN SPINDLE OF TOOL & CUTTER GRINDER ANCA MACHINE TO FACILITATE THE DRESSING OF WEAR OUT ABRASIVE WHEEL OF 20 MM BORE SIZE.

(51) International classification	:B24D 9/00	(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
(33) Name of priority country	:NA	FLOOR,KARUNAMOYEE,SALT LAKE CITY,KOLKATA-
(86) International Application No	:NA	700091,HAVING ITS REGISTERED OFFICE AT BHEL
Filing Date	:NA	HOUSE,SIRI FORT,NEW DELHI-110049,India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SANJAY KUMAR SETH
Filing Date	:NA	2)DIPANKAR SHOW
(62) Divisional to Application Number	:NA	3)MANJAY KUMAR
Filing Date	:NA	4)NAVNEET KUMAR CHAUHAN

#### (57) Abstract :

A coupling device comprising: a coupling part II which holds the abrasive wheel 20 mm dia with a shoulder abutting one face of the wheel; a separate coupling part I which fits inside part II where the external peripheral surface of coupling part I interface with the internal peripheral surface of coupling part I and the internal threading surface of coupling part I fits with the external thread of machine spindle, the shoulder of Part I abuts the other face of the abrasive wheel such that the wheel sits tight in between the shoulder of coupling part I.



No. of Pages : 8 No. of Claims : 2

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

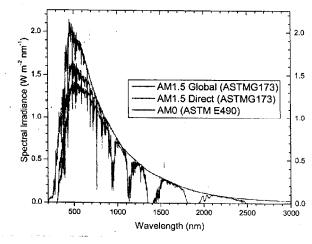
#### (43) Publication Date : 14/11/2014

# (54) Title of the invention : A METHOD FOR REDUCING INTENSITY OF INCIDENT LIGHT UNIFORMLY ACROSS ENTIRE WAVELENGTH RANGE FOR MEASURING WEAK LIGHT PERFORMANCE CHARACTERISTICS OF SOLAR CELLS.

(51) International classification	:H01L 31/00	(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
(33) Name of priority country	:NA	FLOOR,KARUNAMOYEE,SALT LAKE CITY,KOLKATA-
(86) International Application No	:NA	700091,HAVING ITS REGISTERED OFFICE AT BHEL
Filing Date	:NA	HOUSE,SIRI FORT,NEW DELHI-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)SUDIP BHATTACHARYA
(62) Divisional to Application Number	:NA	3)DR.BASUDEV PRASAD
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a method for reducing intensity of incident light uniformly across entire wavelength range for measuring weak light performance characteristics of solar cells, comprising the steps of : performing an STC testing of a plurality of solar cells at an intensity of 100 mW/cm2, AM1.5G spectrum and 25, °C cell temperature which being the actual operating conditions for the solar cells; performing a second testing of the solar cells by using spectrum of a known halogen lamp used for solar cell testing; configurating a plurality of devices to reduce the light intensity of light spectrum consisting of a metallic sheet having a plurality of identical holes, the hole sizes including their density being varied for each of said plurality of device; providing an I-V measurement system and incorporating said plurality of devices for each phase of testing, wherein in each case the device is disposed at an optimum distance both from the light source and the solar cell under test, and measuring the percentage of light transmission through each device; wherein the spectrum of the transmitted light after incorporating said devices or without any of the said devices exhibiting that ratio of light intensity remains same at each transmitted wavelength although light intensity is uniformly reduced.



No. of Pages : 15 No. of Claims : 3

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR ELIMINATING ALIASING NOISE IN MULTI-CARRIER MODULATION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L 5/00 :200910189901.9 :27/08/2009 :China :PCT/CN2010/071377 :29/03/2010 :WO/2011/022968 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant :Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. China</li> <li>(72)Name of Inventor :</li> <li>1)BO, Huijian;</li> <li>2)WU Tao;</li> <li>3)ZHANG Yongjun;</li> </ul>
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#### (57) Abstract :

A method, an apparatus and a system for eliminating aliasing noise in a multi-carrier modulation system are disclosed. The method includes: acquiring a first power spectrum density template; acquiring information of in-band subcarriers whose aliasing noise is greater than background noise, and acquiring a difference between the aliasing noise and the background noise of the in-band subcarriers; adjusting the first power spectrum density template according to the information of the in-band subcarriers and the corresponding difference to obtain a second power spectrum density template; and sending signals according to the second power spectrum density template. The method, the apparatus, and the system disclosed herein eliminate the aliasing crosstalk noise, improve the performance and stability of in-band services without involving upgrade or modification of the Customer Premises Equipment (CPE), and are easy to implement.

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

(19) INDIA

(22) Date of filing of Application :28/10/2011

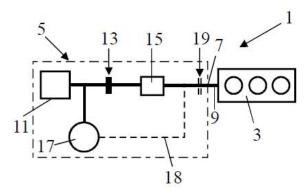
(43) Publication Date : 14/11/2014

(51) International classification	:F02N 11/00	(71)Name of Applicant :
(31) Priority Document No	:2002715	1)DTI GROUP B.V.
(32) Priority Date	:03/04/2009	Address of Applicant :Croy 46, NL-5653 LD Eindhoven, The
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:PCT/NL2010/0000062	(72)Name of Inventor :
Filing Date	:07/04/2010	1)VAN DRUTEN, Roëll Marie
(87) International Publication No	: NA	2)VROEMEN Bas Gerard
(61) Patent of Addition to Application	:NA	3)SERRARENS Alexander Franciscus Anita
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		·

## (54) Title of the invention : START SYSTEM FOR A COMBUSTION ENGINE OF A VEHICLE

(57) Abstract :

A drive mechanism 1 comprises a combustion engine 3 and a start system 5 which has an output 7 that is connected to a camshaft 9 of the combustion engine. The start system further includes a flywheel 11 and connecting means connecting the flywheel to the output. The connecting means comprise a clutch 13 and a gear reduction 15. The start system 5 further includes a drive source 17 formed by an electromotor which is directly connected to the flywheel 11 or which is connected to the connecting means between the clutch 13 and the flywheel 11. The maximum power that can be delivered by the drive source 17 is just sufficient to maintain the flywheel at the proper r.p.m. If the drive source 17 is turned on, it thus delivers just sufficient power to maintain the flywheel at the proper r.p.m. The maximum power of the drive source is in this case 50 W.



No. of Pages : 17 No. of Claims : 21

(19) INDIA

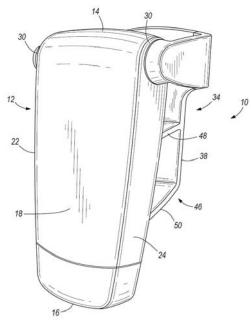
(22) Date of filing of Application :28/10/2011

#### (43) Publication Date : 14/11/2014

(54) Title of the invention : DISPENSER	AND METHOD	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B65D 25/22 :61/176,102 :06/05/2009 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)DIVERSEY, INC.</li> <li>Address of Applicant :8310 16th Street, M/S 509, P.O Box</li> <li>902, Sturtevant, WI 53177-0902, U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)VAN DER HELJDEN, Lambertus</li> <li>2)GENGLER Amoud</li> <li>3)RILEY Bekie</li> </ul>

#### (57) Abstract :

A dispenser adapted for mounting to a surface is disclosed, and comprises a bracket to which a container of material to be dispensed is connected. The bracket can have at least one arm to support the container and to which the container is releasably and rotatably connected. The container can thereby be lifted by a user and squeezed to dispense material from the container. Alternatively, the container can be pressed by a user against the bracket to dispense the material. In some embodiments, the container is provided with a cover substantially covering a front surface of the container. The cover can be coupled to the bracket via the container.



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

(21) Application No.4428/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 14/11/2014

#### (54) Title of the invention : MATERIAL DISPENSING SYSTEM AND METHOD WITH CAPACITANCE SENSOR ASSEMBLY (51) International classification :B67D 7/08 (71)Name of Applicant : (31) Priority Document No 1)DIVERSEY, INC. :61/176,078 (32) Priority Date Address of Applicant :8310 16th Street, M/S 509, P.O Box :06/05/2009 (33) Name of priority country 902, Sturtevant, WI 53177-0902, U.S.A. :U.S.A. (86) International Application No :PCT/US2010/033409 (72)Name of Inventor : 1)FIENUP, William, J. Filing Date :03/05/2010 (87) International Publication No :WO/2010/129476 2)GRIDER Keith (61) Patent of Addition to Application 3)CORRIGAN Sean :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A dispensing system and method for delivering material to a washing device using a capacitance sensor configuration is disclosed. The capacitance sensor configuration allows a controller to monitor and determine a flow rate of fluid exiting a reservoir. The dispensing system uses the flow rate information, along with downstream conductivity information, to control the dispensing of material. Additionally, one or more error conditions are identified during the material delivery cycle based at least partially on the monitored conductivity and capacitance.

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

(19) INDIA

(22) Date of filing of Application :29/10/2011

(43) Publication Date : 14/11/2014

(51) International classification	:H04W 72/12	(71)Name of Applicant :
(31) Priority Document No	:200910189400.0	1)HUAWEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:25/12/2009	Address of Applicant :Huawei Administration Building,
(33) Name of priority country	:China	Bantian, Longgang District, Shenzhen, Guangdong 518129,
(86) International Application No	:PCT/CN2010/080321	P.R. China
Filing Date	:27/12/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/076150	1)HAN, Guanglin;
(61) Patent of Addition to Application	:NA	2)JIANG Yi;
Number	:NA	3)QUAN Wei;
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestro et :		•

## (54) Title of the invention : METHOD AND APPARATUS FOR REPORTING BUFFER STATUS

(57) Abstract :

A method and an apparatus for reporting buffer status are provided. The method includes: obtaining multiple Transport Blocks (TBs) from a base station within one Transmission Time Interval (TTI); selecting a TB compliant with a condition of transmitting a Buffer Status Report (BSR) among the multiple TBs; and bearing a BSR of a Logical Channel Group (LCG) and a Control Element (CE) sub-header of the BSR onto the selected TB and sending the TB to the base station. In this way, a UE can make full use of the padding bits of the obtained multiple TBs, and report the buffer status flexibly.

No. of Pages : 31 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :24/12/2011

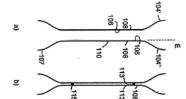
(43) Publication Date : 14/11/2014

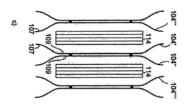
	D20D27	
(51) International classification	:B32B37	(71)Name of Applicant :
(31) Priority Document No	:10 2009 031 014.2	1)LI-TEC BATTERY GMBH
(32) Priority Date	:29/06/2009	Address of Applicant : Am Wiesengrund 7, 01917 Kamenz,
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2010/003318	(72)Name of Inventor :
Filing Date	:01/06/2010	1)MEINTSCHEL, Jens
(87) International Publication No	:WO/2011/000454	2)HOHENTHANNER Claus-Rupert
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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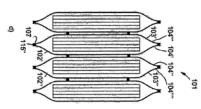
## (54) Title of the invention : METHOD FOR PRODUCING A BATTERY ARRANGEMENT

(57) Abstract :

The invention relates to a method for producing a battery arrangement (101, 201,...), comprising at least one first electrochemical cell (102, 202,....) and at least one second electrochemical cell (102, 202,....), wherein each electrochemical cell comprises a shell (103, 203,....) of the shell (103, 203,....) of the shell part (104, 105, 112; 204, 205, 212;,....) of the shell (103, 203,....) of the first electrochemical cell (102, 202,....) is adhesively bonded to a shell part (104, 105, 112; 204, 205, 212;,....) of the shell (103, 203,....) of the second electrochemical cell (102, 202,....) is adhesively bonded to a shell part (104, 105, 112; 204, 205, 212;,....) of the shell (103, 203,....) of the second electrochemical cell (102, 202,....).







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

(21) Application No.5172/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/12/2011

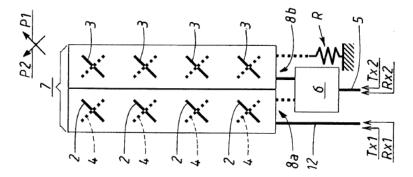
(43) Publication Date : 14/11/2014

(51) International classification	:H04B7	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM 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/EP2009/056697	1)ATHLEY, Fredrik
Filing Date	:01/06/2009	2)JOHANSSON Martin
(87) International Publication No	:WO/2010/139353	3)LANDSTRÃ-M Sara
(61) Patent of Addition to Application	:NA	4)SIMONSSON Arne
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stress of $t$		

#### (54) Title of the invention : A NODE IN A WIRELESS COMMUNICATION SYSTEM

(57) Abstract :

The present invention relates to a node (1) in a wireless communication system, the node (1) comprising at least a first, a second and a third antenna function (2, 2, '; 3, 3, '; 4, 4, '). A first and second downlink signal (Tx1, Tx2), and a first and second uplink signal (Rx1, Rx2) are transferred via said antenna functions (2, 3, 4; 2, ', 3, ', 4, '), which together form a first total antenna function (A1, A1, ') and a second total antenna function (A2, A2, '). The first and second downlink signals (Tx1, Tx2) are transferred via the first total antenna function (A1, A1, ') and the first and second uplink signal (Rx1, Rx2) are transferred via the second total antenna function (A2, A2, '). The second downlink signal (Rx1, Rx2) are transferred via the second total antenna function (A2, A2, '). The second downlink signal (Rx2) are transferred via a common connection (5, 5, ') connected to a filter means (6, 6, ') which is arranged for separating these signals (Tx2, Rx2) to connect them to different antenna functions.



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

(19) INDIA

(22) Date of filing of Application :26/12/2011

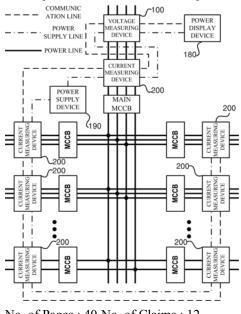
(43) Publication Date : 14/11/2014

(54) Title of the invention : MULTI-LINE POWER-MEASURING SYSTEM WHICH IMPROVES EFFICIENCY AND SIMPLICITY

(51) International classification	:G01R 21/06	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0072883	1)ROOTECH, INC.
(32) Priority Date	:07/08/2009	Address of Applicant :102-611 Digital Empire2 486, Sin-
(33) Name of priority country	:Republic of Korea	dong, Yeongtong-gu Suwon-si, Gyeonggi-do 443-734, Korea
(86) International Application No	:PCT/KR2010/004385	(72)Name of Inventor :
Filing Date	:06/07/2010	1)HONG, Wonbok
(87) International Publication No	:WO/2011/016621	2)KIM Minsu
(61) Patent of Addition to Application	:NA	3)KIM Yongju
Number	:NA :NA	4)YUN Junghun
Filing Date	.INA	5)CHO Googchun
(62) Divisional to Application Number	:NA	6)BYUN Youngbok
Filing Date	:NA	7)LEE Jongju

#### (57) Abstract :

Provided is a power measuring system for measuring power of a main circuit of incoming feeder and a branch circuit in a distribution panel, cabinet panel, or motor control center. The power measuring system includes a voltage sensing unit for sensing analog voltage of the main circuit and generating main voltage data by converting the sensed analog voltage to digital form, a current sensing unit for generating main current data of the main circuit or sub current data of the branch circuit, and a current data communication unit or voltage data communication unit for transmitting the sensed data or power-related data generated using the sensed data, wherein main circuit power data or branch circuit power data is calculated and displayed or transmitted.



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

(22) Date of filing of Application :26/12/2011

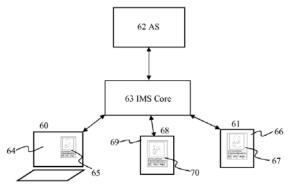
(43) Publication Date : 14/11/2014

(54) Title of the invention : GRAPHICAL USER-INTERFACE FOR TERMINALS WITH VISUAL CALL PROGRESS INDICATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04M 19/02 :NA :NA :NA :PCT/EP2009/056702 :01/06/2009 :WO/2010/139356 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)FORSBERG, Mikael</li> </ul>
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#### (57) Abstract :

In one aspect, a user terminal is configured to access an IMS network, and to obtain from the network an indication of a current dialtone condition of the terminal. The terminal displays a graphical user-interface, GUI, that includes a visual indication of the current dial-tone condition of the terminal. In another aspect Application Server function in an IMS network is configured to provide information to a user terminal regarding a current dial-tone condition such that the user terminal is able to display an indication of the current dial-tone. In another aspect a method of enabling a user of a user terminal accessing an IMS network to be informed of a current dial-tone condition of the user terminal includes: providing the user terminal with information regarding the current dial-tone condition; and, based on the obtained information, displaying the current dial-tone condition on a graphical user-interface on the user terminal.



No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :26/12/2011

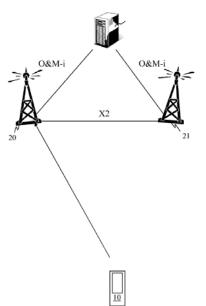
(43) Publication Date : 14/11/2014

(54) Title of the invention : METHODS AND COMMUNICATION DEVICES IN A RADIO TELECOMMUNICATIONS NETWORK

(51) International classification	:H04L 12/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM 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/SE2009/050643	1)STÅLNACKE, Per-Daniel
Filing Date	:02/06/2009	2)REHNBERG Peter
(87) International Publication No	:WO/2010/140931	
(61) Patent of Addition to Application	•NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		I

#### (57) Abstract :

The present solution discloses a method in a communication device (20) of a communications network for enabling provision of data to be used in a performance analysis. The communication device obtains an input to set up at least one rule within the communication device (20) to be fulfilled in order to create at least one performance management counter to count occurrences of a performance management parameter related to the communication device (20). The communication device then sets up the at least one rule, and, in addition, detects an impulse. Based on the detected impulse the communication device determines whether the at least one rule has been fulfilled or not, The communication device creates (450) the at least one performance management counter to count occurrences of the at least one performance management parameter based on the monitored data. Furthermore, the communication device transmits a message comprising a result of the at least one performance management counter to an operation and maintenance communication device (30).



No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :26/12/2011

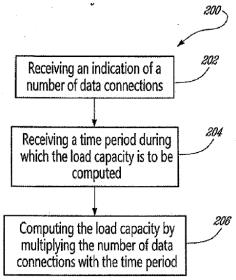
(43) Publication Date : 14/11/2014

#### (54) Title of the invention : METHOD SYSTEM AND TRAFFIC NODE FOR MEASURING A LOAD CAPACITY IN A MANAGEMENT SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04L 12/56 :12/476,900 :02/06/2009 :U.S.A. :PCT/IB2010/052398 :28/05/2010 :WO/2010/140099 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)DENIS, Martin</li> </ul>
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#### (57) Abstract :

A method for measuring a load capacity in a management system comprises: receiving an indication of a number of data connections through an input; and computing a current load capacity by multiplying the number of data connections with a time period during which the current load capacity is to be computed. A system for carrying out the method comprises an input for receiving the indication and a processor for computing the current load capacity by multiplying the number of data connections with the time period.



No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/10/2011

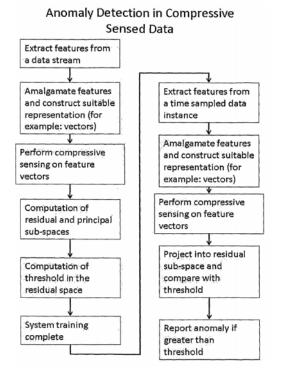
(43) Publication Date : 14/11/2014

#### (51) International classification :G06F 17/10 (71)Name of Applicant : (31) Priority Document No 1)I-CETANA PTY LTD :2009901406 (32) Priority Date Address of Applicant : Technology Park, Bentley, Western :01/04/2009 (33) Name of priority country :Australia Australia (86) International Application No :PCT/AU2010/000379 (72)Name of Inventor : Filing Date :01/04/2010 **1)VENKATESH.** Svetha (87) International Publication No :WO/2010/111748 2)SAHA Budhaditya (61) Patent of Addition to Application 3)LAZARESCU Mihai Mugurel :NA Number 4)PHAM Duc-Son :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR DETECTING ANOMALIES FROM DATA

#### (57) Abstract :

The present disclosure concerns methods and/or systems for processing, detecting and/or notifying for the presence of anomalies or infrequent events from data. Some of the disclose methods and/or systems may be used on large-scale data sets. Certain applications are directed to analysing sensor surveillance records to identify aberrant behaviour. The sensor data may be from a number of sensor types including video and/or audio. Certain applications are directed to methods and/or systems that use compressive sensing. Certain applications may be performed in substantially real time.



#### No. of Pages : 55 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :25/10/2011

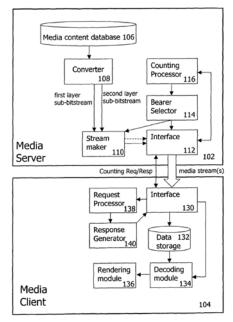
(43) Publication Date : 14/11/2014

## (54) Title of the invention : MULTICASTING TECHNIQUE FOR SCALABLY ENCODED MEDIA LAYERS

(51) International classification	:H04L 12/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM 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/EP2009/002437	1)PHAN, Mai-Anh
Filing Date	:02/04/2009	2)HUSCHKE Jörg
(87) International Publication No	:WO/2010/112046	3)KAMPMANN Markus
(61) Patent of Addition to Application	:NA	4)LOHMAR Thorsten
Number		5)RUSERT Thomas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

A technique for distributing in a multicasting network media content via two or more media layers is described. The media layers are hierarchically arranged in accordance with a scalable coding protocol such as the Scalable Video Coding (SVC) protocol. In a method implementation of this technique, in a first step a first number of media recipients for a first media layer that is transmitted via a first bearer of the multicasting network is determined. Then, a second bearer of the multicasting network for at least one second media layer is selected taking into account the first number and a hierarchical relationship between the first media layer and the second media layer.



No. of Pages : 41 No. of Claims : 22

(21) Application No.4413/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

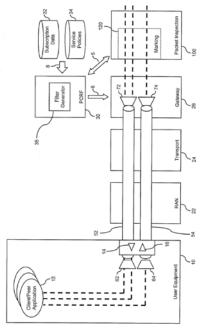
(43) Publication Date : 14/11/2014

(51) International classification	:H04W 72/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM 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/EP2009/053946	1)LUDWIG, Reiner
Filing Date	:02/04/2009	2)EKSTRÖM Hannes
(87) International Publication No	:WO/2010/112077	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : TECHNIQUES FOR HANDLING NETWORK TRAFFIC

(57) Abstract :

In a mobile communication environment, the data traffic is mapped to a number of bearers (52, 54). In a downlink direction, this is accomplished by filtering data packets on the basis of an identifier which is included into the data packets in response to packet inspection. In the uplink direction, a mirroring function is applied which detects incoming data packets, which are received on one of a plurality of bearers (52, 54) and have a first identifier, and outgoing data packets having a second identifier which is complementary to the first identifier. The outgoing data packets having the complementary second identifier are routed to the same bearer (52, 54) from which the incoming data packets are received.



No. of Pages : 32 No. of Claims : 16

(21) Application No.4414/KOLNP/2011 A

(19) INDIA

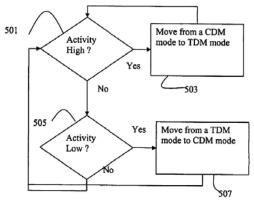
(22) Date of filing of Application :25/10/2011

(43) Publication Date : 14/11/2014

(54) Title of the invention : A SCHEDULING METHOD							
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application <ul> <li>Number</li> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H04J 11/00 :NA :NA :NA :PCT/SE2009/050349 :03/04/2009 :WO/2010/114443 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm, Sweden</li> <li>(72)Name of Inventor :</li> <li>1)ERICSON, Mårten</li> <li>2)ANDERSSON Rutger</li> <li>3)BLOMGREN Mats</li> <li>4)JOHANSSON Klas</li> <li>5)KARLSSON Patrik</li> </ul>					

#### (57) Abstract :

In a cellular radio system, the number of TDM users per cell is limited. The cellular radio system can be a WCDMA system and in particular a WCDMA system employing an Enhanced Uplink (EUL). Other users in the cell are scheduled using CDM scheduling.

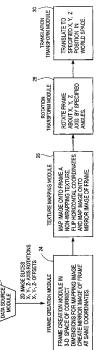


No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICA	ATION	(21) Application No.784/KOLNP/2005 A					
(19) INDIA							
(22) Date of filing of Application :02/05/2	005	(43) Publication Date : 14/11/2014					
(54) Title of the invention : A COMPUTER-BASED 3D MODELING SYSTEM AND A METHOD OF GENERATING A COMPUTER-BASED VIRTUAL 3D REPRESENTATION							
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06T17/00 :10/270,177 :11/10/2002 :U.S.A. :PCT/US2003/032163 :08/10/2003 :WO 2004/034224 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONOCINE, INC. Address of Applicant :445 28TH AVENUE, VENICE, CA</li> <li>90291 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SMITH MATTHEW WARREN</li> <li>2)KELLY KEVIN MICHAEL</li> <li>3)ROYCE ROGER</li> </ul>					

#### (57) Abstract :

A computer-based 3D modeling system (21) for constructing a virtual 3D representation from a set of data images (16) of 20 cross sections having a mutual spatial relationship is disclosed. The set of data images (16) and the associated orientation and positioning information are extractable from a data source module (22). A frame creation module constructs a rectangular frame for each image slice. A texture-mapping module (26) maps the image slice onto the associated frame as a texture. A rotation transform module (28) rotates each frame appropriately about one or more axes based upon the orientation information associated with each data image to achieve the correct orientation in 3D space. A translation transform module (30) translates each frame based upon the positioning information associated with each data image to achieve the correct position in 3D space.



No. of Pages : 26 No. of Claims : 18

#### (19) INDIA

(22) Date of filing of Application :22/12/2011

#### (43) Publication Date : 14/11/2014

34 (71)Name of Applicant :
7,369 1)DENIS, Gilles
Address of Applicant :333 Ave. Champlain, Phillipsburg,
. Québec, J0J 1N0, Canada
CA2010/000809 2)DENIS Laurent
(72) <b>Name of Inventor :</b>
010/135838 1) <b>DENIS, Gilles</b>
2)DENIS Laurent

#### (54) Title of the invention : BRUSH CUTTER

(57) Abstract :

A rotary cutter for a brush cutter. The cutter has a rotatable cylindrical drum with a plurality of flat, annular, collars mounted on the drum. The collars are fastened to the drum by their inner circular edge, are equally spaced apart on the drum, and extend transverse to the rotational axis of the drum. A cutting tooth mounting block is mounted between each adjacent pair of collars, the block located at the outer edge of the collars and spaced above the surface of the drum to provide a gap for passing chips and residue. The mounting block carries a detachable cutting tooth, the tooth extending forwardly generally tangentially from the block and terminating in a cutting edge above the collars.

No. of Pages : 27 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :22/12/2011

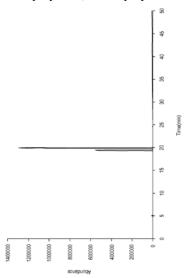
(43) Publication Date : 14/11/2014

(51) International classification	:A61K47	(71)Name of Applicant :
(31) Priority Document No	:61/182,161	1)XLTERRA, INC.
(32) Priority Date	:29/05/2009	Address of Applicant :692 Mendelssohn Ave. N., Golden
(33) Name of priority country	:U.S.A.	Valley, MN 55427, U.S.A.
(86) International Application No	:PCT/US2010/036621	(72)Name of Inventor :
Filing Date	:28/05/2010	1)SELIFONOV, Sergey
(87) International Publication No	:WO/2010/138842	2)JING Feng
(61) Patent of Addition to Application	:NA	3)ZHOU Ning
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : KETAL ESTERS OF ANHYDROPENTITOLS AND USES THEREOF

#### (57) Abstract :

The present disclosure relates to the preparation of ketal compounds from anhydropentitols and oxocarboxylates; derivatives, homopolymers, and copolymers thereof; and various compositions, formulations, and articles derived therefrom.



No. of Pages : 100 No. of Claims : 20

## PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

#### NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF 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 (AMENDEMENT) RULES, 2006.

SR. NO	PATEN T NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPRO PRIATE OFFICE
1	197876	Godrej & Boyce Mfg Co . Ltd.	Retainer Clip ;	09/12/2007	Mumbai
2	239904	Bilag Industries Private Limited	Improved process for the preparation of 2,3,5,6- tetraflourobenzyl(+) 1R- Trans-2,2-Dimethyl-3-(2,2- Dichlorovinyl Cyclopropanecarboxylate (Transfluthrin)	22/03/2013	Mumbai
3	195963	Godrej & Boyce Mfg Co . Ltd.	Combi-bolt narrow style mortise lock	09/12/2007	Mumbai

## 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	Appropriat e Office
255321	National Institute of Technology.	Process for extraction of fine iron from red mud.	12/05/2013	KOLKATA
255341	National Institute of Technology.	Chemical denitrification of water by hydroxylamine hydrochloride.	13/05/2013.	KOLKATA

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	195210	2094/DEL/1995	15/11/1995	21/12/1994	"TIRE CONTAINING ATUBE"	HONDA GIKEN KOGYO KABUSHIKI KAISHA	28/01/2005	DELHI
2	263597	2746/DEL/2008	04/12/2008		"A NOVEL SMALL INTERFERING RNA (SIRNA) DIRECTED AGAINST MELAL BINDING REGION IN THE P2 PROMOTER OF PROTO-ON COGENE C- MYC RESULTING IN ITS TRANSCRIPTIONAL GENE SILENCING"	DEPARTMENT OF BIOTECHNOLOGY,ALL INDIA INSTITUTE OF MEDICAL SCIENCE	11/06/2010	DELHI
3	263600	3213/DELNP/20 08	20/09/2006	23/09/2005	"A METHOD FOR REMOVING FREE SUGARS,PROTEIN AND STARCH FROM SURFACE PORTION OF FOOD ELEMENTS OF PLANT TISSUE AND AN APPARATUS THEREOF"	SIMPLOT AUSTRALIA PTY LIMITED	15/08/2008	DELHI
4	263605	6124/DELNP/20 06	25/03/2005	30/03/2004	" A METHOD FOR PRODUCING A MEDICAL MATERIAL"	TOYO ADVANCED TECHNOLOGIES CO,LTD	31/08/2007	DELHI
5	263609	3249/DELNP/20 07	02/11/2005	03/11/2004	"POLYMER COMPOSITION FOR INJECTION MOULDING"	BOREALIS TECHNOLOGY OY	31/08/2007	DELHI
6	263612	98/DELNP/2008	12/05/2006	07/06/2005	"A PROCESS FOR POLYMERIZATION OF OLEFINS"	SAUDI BASIC INDUSTRIES CORPORATION	20/06/2008	DELHI
7	263613	2851/DELNP/20 08	16/11/2006	21/12/2005	"AN AZO PIGMENT FORMULATION"	CLARIANT PRODUKTE (DEUTSCHLAND) GMBH	08/08/2008	DELHI
8	263614	4726/DELNP/20 08	27/11/2006	14/12/2005	"METHOD AND APPARATUS FOR PRODUCING PURIFIED METHYL ISOBUTYL KETONE"	SASOL TECHNOLOGY (PTY)LIMITED	15/08/2008	DELHI
9	263619	8601/DELNP/20 07	24/04/2006	20/05/2005	"POLYAMIDE OLIGOMERS WITH LINEAR OR BRANCHED CHAIN STRUCTURE"	EMS-CHEMIE AG	27/06/2008	DELHI

10	263622	1567/DELNP/20 06	21/10/2003	21/10/2003	"INTRAMEDULLARY NAIL"	SYNTHES GmbH	15/06/2007	DELHI
11	263623	6652/DELNP/20 07	14/03/2006	16/03/2005	"ENHANCED BIMATOPROST OPTHALMIC SOLUTION"	ALLERGAN,INC.	21/09/2007	DELHI
12	263624	2234/DELNP/20 08	25/09/2006	27/09/2005	"AN AQUEOUS FORMULATION OF A HUMAN FOLLICLE STIMULATING HORMONE (hFSH)"	LG LIFE SCIENCES LTD	04/07/2008	DELHI
13	263627	4846/DELNP/20 07	18/11/2005	21/12/2004	"ANTI-CARIES ORAL CARE COMPOSITIONS WITH XYLITOL"	COLGATE-PALMOLIVE COMPANY	17/08/2007	DELHI
14	263628	4881/DELNP/20 08	08/12/2006	08/12/2005	"BRAZED JOINT BETWEEN A METAL PART AND A CERAMIC PART"	SNECMA,COMMISSARIA T A L'ENERGIE ATOMIQUE	26/09/2008	DELHI
15	263629	2422/DELNP/20 09	21/12/2007	22/12/2006	"PESTICIDAL COMPOSITION COMPRISING FENAMIDONE AND AN INSECTICIDE COMPOUND"	BAYER CROPSCIENCE AG	12/06/2009	DELHI
16	263636	5296/DELNP/20 07	21/12/2005	30/12/2004	"TOOTH WHITENING COMPOSITION CONTAINING CROSS- LINKED POLYMER- PEROXIDES"	COLGATE-PALMOLIVE COMPANY	31/08/2007	DELHI
17	263641	4110/DELNP/20 08	14/11/2006	14/11/2005	"INTRAORALLY RAPIDLY DISINTEGRATING TABLET"	TEIJIN PHARMA LIMITED	01/08/2008	DELHI
18	263642	478/DELNP/200 8	19/07/2006	19/07/2005	"A SYNTHETIC METHOD FOR PREPARING POLYMER MALEIMIDES"	NEKTAR THERAPEUTICS.,	15/02/2008	DELHI
19	263645	3464/DELNP/20 04	05/05/2003	06/05/2002	"SYSTEM AND METHOD FOR MANAGING RESOURCES OF PARTABLE MODULE RESOURCES"	NAGRACARD S.A	02/03/2007	DELHI
20	263648	3936/DELNP/20 06	26/02/2004	07/01/2004	"APPARATUS AND ASSOCIATED METHOD, FOR FACILITATING A NETWORK SELECTION BY A MOBILE NODE"	RESEARCH IN MOTION LIMITED	03/08/2007	DELHI
21	263649	1639/DEL/2008	09/07/2008	10/07/2007	"AN AFFINITY CHROMATOGRAPHY MATRIX"	EMD MILLIPORE CORPORATION	03/04/2009	DELHI

22	263663	1391/DEL/1997	26/05/1997	31/05/1996	"A SUSTAINED RELEASE FORMULATION COMPRISING A GELLING AGENT AND THIAZEPINE COMPOUND AND PROCESS FOR PREPARING THE SAME"	ASTRAZENECA UK LIMITED	23/02/2007	DELHI
23	263665	658/DELNP/200 7	25/07/2005	28/07/2004	"SUBSTITUTED PROPENYL PIPERAZINE DERIVATIVES AS NOVEL INHIBITORS OF HISTONE DEACETYLASE"	JANSSEN PHARMACEUTICA N.V	03/08/2007	DELHI
24	263668	1734/DELNP/20 03	25/04/2002	25/04/2002	"AN APPARATUS FOR RINSING HUMAN NASAL PASSAGE"	MEHTA, KETAN, C.	12/10/2007	DELHI
25	263672	9854/DELNP/20 07	28/06/2006	29/06/2005	"LIQUID COMPOSITIONS FOR TREATING PLANT PROPAGATION MATERIALS"	SYNGENTA PARTICIPATIONS AG	18/01/2008	DELHI
26	263676	336/DELNP/200 8	03/07/2006	25/07/2005	PROCESS FOR PREPARING RACEMIC ALKYL-5-HALOPENT-4- ENECARBOXYLIC ACIDS OR - CARBOXYLIC ESTERS	DSM FINE CHEMICALS AUSTRIA NFG GMBH & CO KG	04/07/2008	DELHI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	263625	1140/MUMNP/2008	20/12/2006	22/12/2005	METHODS AND APPARATUS FOR COMMUNICATING AND/OR USING TRANSMISSION POWER INFORMATION	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
2	263640	1079/MUM/2007	06/06/2007		A LOCK ASSEMBLY	JOSHI PRABHAKR ANANT,JOSHI SALIL PRABHAKAR	19/06/2009	MUMBAI
3	263643	767/MUMNP/2008	25/09/2006	25/09/2005	METHODS FOR DATA MANAGEMENT IN A FLASH MEMORY MEDIUM	NETAC TECHNOLOGY CO., LTD.	13/06/2008	MUMBAI
4	263650	1157/MUM/2008	30/05/2008		A DECORATIVE ROTATING APPARATUS IN WATER FOR INDOOR, TABLETOP INSTALLATION IN HOUSEHOLD	ASHOK RAMANLAL PANCHAL	05/09/2008	MUMBAI
5	263651	950/MUMNP/2007	17/11/2005	13/12/2004	CLAMPING DEVICE	SCHUNK GMBH &CO. KG SPANN-UND GREIFTCHNIK	03/08/2007	MUMBAI
6	263652	851/MUM/2009	31/03/2009		A PROCESS FOR RECYCLING CONSUMED POLYETHYLENE TEREPHTHALATE (PET) AND PREPARING AN UNSATURATED POLYESTERIMIDE COMPOSITE THEREOF	CROMPTION GREAVES LTD	10/12/2010	MUMBAI
7	263653	595/MUM/2008	24/03/2008		METALLIZED PAPER BASED LIDDING MATERIAL FOR BLISTER PACKAGING	BILCARE LIMITED	23/10/2009	MUMBAI
8	263686	2374/MUM/2007	19/09/2003		ORAL DRUG DELIVERY SYSTEM	SUN PHARMACEUTICAL ADVANCED RESEARCH COMPANY LTD.,	19/06/2009	MUMBAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263603	5455/CHENP/2007	27/04/2006	29/04/2005	POLYESTER POLYOLS CONTAINING SECONDARY ALCOHOL GROUPS AND THEIR USE IN MAKING POLYURETHANES SUCH AS FLEXIBLE POLYURETHANE FOAMS	DOW GLOBAL TECHNOLOGIES , LLC	28/03/2008	CHENNAI
2	263606	1160/CHENP/2008	05/09/2006	09/09/2005	PROCESS FOR MAKING WATER RECEPTACLES IN GENERAL	MILANI, Alessandro	12/09/2008	CHENNAI
3	263607	2629/CHENP/2007	28/12/2005	31/12/2004	REACTOR FOR SOLID/LIQUID/GAS REACTIONS	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	07/09/2007	CHENNAI
4	263615	5162/CHENP/2008	25/05/2007	26/05/2006	WIRELESS ARCHITECTURE FOR A TRADITIONAL WIRE- BASED PROTOCOL	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
5	263616	4872/CHENP/2007	27/03/2006	31/03/2005	TEMPLATED SEMICONDUCTOR PARTICLES AND METHODS OF MAKING	3M INNOVATIVE PROPERTIES COMPANY	25/01/2008	CHENNAI
6	263617	596/CHENP/2007	28/07/2005	10/08/2004	A switchable display device with view mode detection	KONINKLIJKE PHILIPS ELECTRONICS N.V.	24/08/2007	CHENNAI
7	263618	1319/CHENP/2007	19/08/2005	30/09/2004	METHOD AND SYSTEM FOR PROCESSING QUERIES	GOOGLE, INC.	31/08/2007	CHENNAI
8	263620	5115/CHENP/2007	06/05/2006	13/05/2005	POLYOLEFINIC MOLDING COMPOSITION HAVING IMPROVED RESISTANCE TO THERMOOXIDATIVE DEGRADATION AND ITS USE FOR THE PRODUCTION OF PIPES	BASELL POLYOLEFINE GMBH	13/06/2008	CHENNAI
9	263621	4018/CHENP/2007	02/02/2006	15/02/2005	SEAL ASSEMBLY FOR A PRESSURISED CONTAINER	Reckitt Benckiser (UK) Limited	23/11/2007	CHENNAI

10	263626	3620/CHENP/2007	20/01/2006	20/01/2005	PROCESS FOR CRACKING A HYDROCARBON FEEDSTOCK COMPRISING A HEAVY TAIL	TECHNIP FRANCE	16/11/2007	CHENNAI
11	263630	1543/CHENP/2007	30/09/2005	19/10/2004	METHOD OF PRODUCING AN ALUMINIUM ALLOY BRAZING SHEET AND LIGHT BRAZED HEAT EXCHANGER ASSEMBLIES	Aleris Aluminum Koblenz GmbH,Aleris Aluminum Canada L.P.	31/08/2007	CHENNAI
12	263631	1228/CHENP/2008	05/09/2006	13/09/2005	CONVECTIVE CUSHION WITH POSITIVE COEFFICIENT OF RESISTANCE HEATING MODE	FEHER, Steve	28/11/2008	CHENNAI
13	263632	6106/CHENP/2008	04/04/2007	11/04/2006	COLLECTING BAG HAVING IMPROVED CLOSURE AND METHOD OF MANUFACTURING SUCH A COLLECTING BAG	COLOPLAST A/S	27/03/2009	CHENNAI
14	263634	5934/CHENP/2007	24/06/2005	24/06/2005	PROCESS FOR PRODUCING POLYESTER, POLYESTER PRODUCED USING SAID PROCESS, AND POLYESTER MOLDED PRODUCT	TOYO BOSEKI KABUSHIKI KAISHA	27/06/2008	CHENNAI
15	263637	4348/CHENP/2008	14/02/2007	16/02/2006	A WELD DEPOSIT COMPOSITION	STOODY COMPANY	13/03/2009	CHENNAI
16	263638	1697/CHE/2008	14/07/2008 15:30:39	18/07/2007	ELECTRIC-MOTOR THREE-WHEELED VEHICLE	HONDA MOTOR CO., LTD.	26/03/2010	CHENNAI
17	263647	3331/CHENP/2007	23/12/2005	28/12/2004	VARIABLE TEMPERATURE CUSHION AND HEAT PUMP	FEHER, STEVE	16/11/2007	CHENNAI
18	263654	980/CHE/2007	09/05/2007 14:24:40		NOVEL PROCESS FOR AMORPHOUS ATORVASTATIN CALCIUM	MANNE SATYANARAYANA REDDY,MUPPA KISHORE KUMAR,DURGADAS SHYLA PRASAD	28/11/2008	CHENNAI
19	263655	3099/CHE/2009	15/12/2009 15:01:14		A METHOD FOR SYNTHESIS OF POLYMERS AND COPOLYMERS	INDIAN INSTITUTE OF TECHNOLOGY	24/06/2011	CHENNAI

20	263660	4137/CHENP/2008	02/12/2006	10/02/2006	METHOD OF MONITORING AND/OR NON-DESTRUCTIVE TESTING OF A TRANSMISSION ELEMENT AND A MEASURING ARRANGEMENT FOR CARRYING OUT THE METHOD	RWE POWER AKTIENGESELLSCHAF T	13/03/2009	CHENNAI
21	263664	1182/CHE/2008	14/05/2008 16:00:49	15/05/2007	SEALING RING AND SEALING CONFIGURATION WITH SUCH A SEALING RING	CARL FREUDENBERG KG	21/08/2009	CHENNAI
22	263666	3848/CHENP/2008	22/12/2006	23/12/2005	REDUCED NOISE DRAG CHAIN SYSTEM	TSUBAKI KABELSCHLEPP GMBH	13/03/2009	CHENNAI
23	263669	1893/CHE/2008	06/08/2008 16:48:17	07/08/2007	BOBBIN FEED METHOD AND BOBBIN FEED SYSTEM IN A SPINNING MACHINE	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	21/08/2009	CHENNAI
24	263670	860/CHENP/2008	25/05/2007	21/07/2006	HOIST FOR LOW SPACE CRANE	KG INC.	09/01/2009	CHENNAI
25	263674	4736/CHENP/2008	22/01/2007	09/02/2006	A METHOD AND SYSTEM FOR REDIRECTING TO A FIRST SITE	INTERNATIONAL BUSINESS MACHINES CORPORATION	13/03/2009	CHENNAI
26	263684	831/CHE/2008	02/04/2008 16:22:20	04/04/2007	MICROTEXTURED FUEL CELL ELEMENTS FOR IMPROVED WATER MANAGEMENT	GM GLOBAL TECHNOLOGY OPERATIONS, INC	02/07/2010	CHENNAI
27	263685	5201/CHENP/2007	13/03/2006	19/04/2005	HYDRAULIC BINDER	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	11/01/2008	CHENNAI

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	263633	2338/KOLNP/2009	26/12/2007	28/12/2006	REFILL INK AND INK CARTRIDGE	RICOH COMPANY, LTD.	10/07/2009	KOLKATA
2	263635	466/KOL/2006	16/05/2006		ASTIGMIA CORRECTING EYEGLASSES	PROVIEW OPTICAL GROUP CORP.	23/11/2007	KOLKATA
3	263639	2196/KOLNP/2006	15/01/2005	20/01/2004	"EXHAUST GAS REGENERATOR COMPRISING A CATALYST."	LOHBERG WERNER	18/05/2007	KOLKATA
4	263644	2359/KOLNP/2007	15/12/2005	16/12/2004	A METHOD AND A SYSTEM FOR DETERMINING A PREDICTED PERFORMANCE OF A NAVIGATION SYSTEM	RAYTHEON COMPANY	17/08/2007	KOLKATA
5	263646	2710/KOLNP/2008	08/01/2007	06/01/2006	A METHOD AND APPARATUS OF PRE- PROCESSING AN AUDIO SIGNAL TRANSMITTED TO A USER TERMINAL VIA A COMMUNICATION NETWORK	RealNetworks, Inc.	23/01/2009	KOLKATA
6	263656	2985/KOLNP/2007	13/01/2006	14/01/2005	PERFUSION AND/OR PRESERVATION SOLUTION FOR ORGANS	PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE	19/10/2007	KOLKATA
7	263657	3490/KOLNP/2007	07/03/2006	16/03/2005	MIXTURE OF AT LEAST 6 SPECIES OF LACTIC ACID BACTERIA AND/OR BIFIDOBACTERIA IN THE MANUFACTURE OF SOURDOUGH	ACTIAL FARMACEUTICA LDA.	04/07/2008	KOLKATA
8	263658	407/KOL/2008	03/03/2008	03/04/2007	A SYSTEM AND A METHOD FOR DETECTING FAILURES IN A FUEL SYSTEM OF A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
9	263659	1310/KOL/2006	06/12/2006		"A METHOD FOR GASIFICATION OF LIQUID OR SEMI SOLID FUEL IN FLUIDISED BED GASIFIER"	BHARAT HEAVY ELECTRICALS LIMITED	11/07/2008	KOLKATA

10	263661	3393/KOLNP/2006	13/05/2005	18/05/2004	GRAVITY TYPE FIBER FILTER	SUNGSHIN ENGINEERING CO.,LTD	15/06/2007	KOLKATA
11	263662	369/KOL/2008	28/02/2008	30/03/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
12	263667	3927/KOLNP/2007	10/05/2006	23/05/2005	LIQUID-FILLED CHEWING GUM COMPOSITION	INTERCONTINENTAL GREAT BRANDS LLC	28/03/2008	KOLKATA
13	263671	1559/KOL/2007	19/11/2007		WATER TUBE TYPE EVAPORATOR (BOILER) FOR COOLING SYNGAS IN PRESSURISED FLUIDISED BED GASIFIERS	BHARAT HEAVY ELECTRICALS LIMITED	05/06/2009	KOLKATA
14	263673	2433/KOLNP/2006	25/02/2005	27/02/2004	ULTRASONIC SURGICAL SHEARS AND TISSUE PAD FOR SAME	ETHICON ENDO- SURGERY, INC.	25/05/2007	KOLKATA
15	263675	24/KOL/2005	20/01/2005	22/01/2004	A RIFFLE DISTRIBUTOR ASSEMBLY FOR DELIVERING PULVERIZED SOLID FUEL FROM AN EXHAUSTER	ALSTOM TECHNOLOGY LTD.	17/11/2006	KOLKATA
16	263677	714/KOL/2006	17/07/2006	10/08/2005	A DEVICE FOR GUIDING A BOTTOM APRON IN DRAFTING DEVICES	MASCHINENFABRIK RIETER AG.	29/06/2007	KOLKATA
17	263678	3085/KOLNP/2006	04/05/2005	05/05/2004	"A METHOD OF CONVERTING A MULTIPLEX THEATRE HALL INTO AN IMMERSIVE MOTION PICTURE THEATRE HALL"	IMAX CORPORATION	08/06/2007	KOLKATA
18	263679	438/KOL/2006	11/05/2006	06/06/2005	A TWIN UNIT COMPRISING TWO DRAFTING DEVICES FOR A SPINNING MACHINE	MASCHINENFABRIK RIETER AG.	22/06/2007	KOLKATA
19	263680	2245/KOLNP/2006	17/02/2005	17/02/2004	A MULTI-TUBE SOLAR COLLECTOR STRUCTURE AND A LINEAR FRESNEL REFLECTOR SYSTEM	AREVA SOLAR PTY LIMITED	25/05/2007	KOLKATA
20	263681	3759/KOLNP/2006	10/06/2005	11/06/2004	IMPROVED COOLING PROCESS	SURREY AQUATECHNOLOGY LIMITED	15/06/2007	KOLKATA
21	263682	877/KOL/2006	29/08/2006	29/08/2006	INSTANTANEOUS TRIP MECHANISM FOR MOULD CASED CIRCUIT BREAKER	LS INDUSTRIAL SYSTEMS CO., LTD.	14/03/2008	KOLKATA
22	263683	4235/KOLNP/2007	19/05/2006	19/05/2005	CARRIER WITH TOGGLE-ACTION BOTTOM WALL	MEADWESTVACO PACKAGING SYSTEMS LLC.	25/01/2008	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 ALSTOM TRANSPORT S.A. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

12-03 ALSTOM TRANSPORT
12-16TECHNOLOGIES, OF 3
31-00 AVENUE ANDRE
31-00 MALRAUX, 92300
31-00 LEVALLOIS-PERRET,
06-03 France
06-03

### CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

### (01)

"The Asstt. Controller of Patents & Designs passed an order on 10/11/2014 to cancel the registration of registered Design No. 181193 dated 29<sup>th</sup> December 1999 under Class 10 titled as 'Stud for a Footwear' in the name of Josco Rubbers, of 8/50 Moonalingal, Calicut 673032, State of Kerala, India, a partnership firm of which the partners are Jose Joseph, Maxy Joseph, Abey Joseph and Sonia Tony, all Indian nationals and all of the above address."

### (02)

"The Asstt. Controller of Patents & Designs passed an order on 10/11/2014 to cancel the registration of registered Design No. 181829 dated 7<sup>th</sup> March 2000 under Class 10 titled as 'Foot-wear' in the name of Josco Rubbers, of Moonalingal, Calicut 673032, State of Kerala, India, an Indian partnership firm of which the partners are Jose Joseph, Maxy Joseph, Abey Joseph and Sonia Tony, all Indian national and all of the above address."

# **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	<b>RENEWED ON</b>
1.	209750	16.09.2014
2.	210221	23.09.2014
3.	210587	23.09.2014
4.	210874	23.09.2014
5.	210875	23.09.2014
6.	211284	23.09.2014
7.	211915	23.09.2014
8.	211916	23.09.2014
9.	212631	23.09.2014
10.	213627	23.09.2014
11.	190672	25.09.2014
12.	191112	25.09.2014
13.	191231	25.09.2014
14.	210225	26.09.2014
15.	209751	26.09.2014
16.	194969	26.09.2014
17.	194970	26.09.2014

#### **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		2546	i01		
CLASS	04-02				1
1)SHREE SIMANDHAR INDUSTI 21, NEW MANU BHUVAN, BHA4 400056, MAHARASHTRA, INDIA					
DATE OF REGISTRATION	GISTRATION 20/06/2013				
TITLE	HAIF	COLOUF	RING BRUSH		1
PRIORITY NA				W	
DESIGN NUMBER		2610	183		
CLASS		07-0	)3	1	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS AT				
DATE OF REGISTRATION				-	-
TITLE	CHEESE SPREADER				
PRIORITY NA				8	,
DESIGN NUMBER		2566	59		
CLASS		24-0	)2		
1) <b>PFIZER LIMITED, A COMPAN</b> <b>UNITED KINGDOM OF THE ADD</b> RAMSGATE ROAD, SANDWICH	RESS			196.00	
DATE OF REGISTRATION	20/09/2013				
TITLE	INJECTOR USE	INJECTOR USED FOR MEDICINAL/COSMETIC PURPOSES			-
PRIORITY			1		
PRIORITY NUMBER	DATE		COUNTRY		
002211219-0002	28/03/2013		OHIM		

DESIGN NUMBER	SIGN NUMBER 262367						
CLASS		08-06	08-06				
HAVING PLACE OF BU AT-2, PATEL NAGAR BHAGWATI ENTERPRIS GUJARAT-(INDIA)	DLE PRO N PROPE JSINESS R, SADBH	OPRIETOR OF M K RIETORSHIP CONCERN)		7			
DATE OF REGISTRATION		06/05/2014					
TITLE		HANDLE					
PRIORITY NA							
DESIGN NUMBER		259730					
CLASS		12-16					
UNDER THE INDIAN C 34, COMMUNITY CE DELHI-110 058	OMPAN NTRE, B	<b>ED, A COMPANY INCORPOL</b> <b>IES ACT, HAVING ITS OFF</b> ASANT LOK, VASANT VIHA	ICE AT				
DATE OF REGISTRATI	ON	28/01/2014					
TITLE		FAIRING FOR A TWO WHEELED VEHICLE					
PRIORITY NA						i	
DESIGN NUMBER		259958					
CLASS		12-16			0		
1)TATA MOTORS LIN BOMBAY HOUSE, 24 MUMBAI 400 001, MAHA	HOWK,						
DATE OF REGISTRATION 31/01/2014				100			
TITLE TEMPERATURE CONTR VEHICLE				A			
PRIORITY NA				1	and	Ð.	

DESIGN NUMBER		260922	
LASS 07-07			
1)MANOJ KUMAR SITUATED 31/233/A, NEAR PANNA PALA 282001 (U.P.) INDIA, BY NATIONA	CE, SHAMSHABAD RO		
DATE OF REGISTRATION	12	2/03/2014	
TITLE		TUB	
PRIORITY NA			-
DESIGN NUMBER		261084	
CLASS		26-01	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUSINESS	AT	TITH
DATE OF REGISTRATION	19	0/03/2014	JAATERI
TITLE	CAND	LE HOLDER	FT AN
PRIORITY NA			
DESIGN NUMBER		256660	
CLASS		24-02	
1) <b>PFIZER LIMITED, A COMPA</b> <b>UNITED KINGDOM OF THE AD</b> RAMSGATE ROAD, SANDWIC	DRESS		Y
DATE OF REGISTRATION	20	0/09/2013	
TITLE	c		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002211219-0004	28/03/2013	OHIM	

DESIGN NUMBER	258389	
CLASS		
NATIONALITY INDIAN, TRADI PARTNERRSHIP FIRM, ADDRE	<b>SS AT</b> FONDAL BYPASS NEAR KANAIYA HOTEL	
DATE OF REGISTRATION	26/11/2013	
TITLE	REAPING BINDING MACHINE	
PRIORITY NA		
DESIGN NUMBER	257377	
CLASS	08-99	
1) <b>N. SIBI,</b> NO. 8, GANESH PRIYAN AVE PALLAVARAM, CHENNAI-60011	NUE, KATTA BOMMAN NAGAR, ZAMIN 7	(C " ))
DATE OF REGISTRATION	10/10/2013	
TITLE	COMPONENT FOR A PERMANENT MAGNET GENERATOR	N
PRIORITY NA		DEPE DEL TIVE VIEW
DESIGN NUMBER	261538	
CLASS	26-99	1
THE INDIAN COMPANIES ACT	LTD., A COMPANY INCORPORATED UNDER , 1913 OF LO BUNDER, MUMBAI 400001, MAHARASHTRA,	
DATE OF REGISTRATION	04/04/2014	
TITLE	BEZEL FOR HEADLAMP	
PRIORITY NA		

DESIGN NUMBER	262316		
CLASS	07-01		
1)SOLE PROPERITOR: MR. MAH INDIAN COMPANY, 228-B, BOMBAY TALKIES COMP MAHARASHTRA, INDIA			
DATE OF REGISTRATION	ATE OF REGISTRATION 05/05/2014		
TITLE	CUP		
PRIORITY NA			
DESIGN NUMBER	262368		
CLASS	08-06		
PARTNERS OF SAKSHI METALWA PLACE OF BUSINESS AT- AJI G.I.D.C., E ROAD, PLOT NO. GUJARAT-(INDIA) DATE OF REGISTRATION	S ARE ADULT AND INDIAN NATIONAL) ARE (INDIAN PARTNERSHIP FIRM) HAVING 150/3, OPP: BALAJI WAFERS, RAJKOT-360003- 06/05/2014		
TITLE	HANDLE		
PRIORITY NA DESIGN NUMBER	254772		
CLASS	09-01		
1)M/S KEVA INDUSTRIES, NEAR LUDHIANA-141120 (PUNJAB) INDI AN INDIAN PROPRIETORSHIP F BEING INDIAN NATIONALS OF THI			
DATE OF REGISTRATION 25/06/2013			
TITLE BOTTLE			
PRIORITY NA			

DESIGN NUMBER		261085	
CLASS		09-03	
1)SAYESHA FOOD PROD D/404, GANEESHAM 2, F PUNE-411027, MAHARASH	EHIND GOVIND GA		
DATE OF REGISTRATION			
DATE OF REGISTRATION19/03/2014TITLECHOCOLATE PACKAGING			NG
PRIORITY NA			
DESIGN NUMBER	25	56661	
CLASS	2	24-02	
1) <b>PFIZER LIMITED, A CO LAWS OF UNITED KINGD</b> RAMSGATE ROAD, SAN KINGDOM	OM OF THE ADDRE	SS	не
DATE OF REGISTRATION	20/0	09/2013	
TITLE		R USED FOR SMETIC PURPOSE	as and a second se
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002211219-0003	28/03/2013	OHIM	
DESIGN NUMBER	2615	05	
CLASS	12-1	6	
1) <b>MAHINDRA &amp; MAHINT</b> INCORPORATED UNDER OF GATEWAY BUILDING, A MAHARASHTRA, INDIA	THE INDIAN COMP	ANIES ACT, 1913	
DATE OF REGISTRATION	03/04/2	2014	
TITLE	WHEEL RIM FC	R VEHICLES	
PRIORITY NA			

DESIGN NUMBER		262317	
CLASS		07-01	
1)SOLE PROPERITOR: MR. AN INDIAN COMPANY, 228-B, BOMBAY TALKIES ( MAHARASHTRA, INDIA			
DATE OF REGISTRATION		05/05/2014	
TITLE		CUP	
PRIORITY NA			
DESIGN NUMBER		260589	
CLASS		26-06	
1)HONDA MOTOR CO., LTD OF 1-1, MINAMI-AOYAMA			8
DATE OF REGISTRATION	25/02/2014		
TITLE		INKER CASE FOR FORCYCLE	Comme Co
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-020101	30/08/2013	JAPAN	
DESIGN NUMBER	256	5189	
CLASS	15	-99	(31er site care (scrossorch)
1)SANDVIK INTELLECTUA SE-811 81 SANDVIKEN, SW			
DATE OF REGISTRATION	03/09	9/2013	
TITLE	SEALING RING FOR GYRATORY CRUSHER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001363774	08/03/2013	OHIM	

DESIGN NUMBER			2479		
CLASS		21-01			
1)INNOVATION FIRST, INC. ADDRESS AT 1519 INTERSTATE 30 WEST GREENVILLE, TEXAS 75402, UNITED STATES OF AMERICA					
DATE OF REGISTRATION			14/09/	2012	Contraction of the second seco
TITLE			TOY	CAR	
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
29/428,458		31/07/2012		U.S.A.	
DESIGN NUMBER			2567	740	
CLASS			08-0	05	1
1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 708 GERMAN COMPANY		NWESTHE	IM, DEUT	SCHLAND, GERMANY	
DATE OF REGISTRATION		24/09/2013			
TITLE	ACO	ACCESSORY FOR CONTAINER DISPENSER OF PAINT CUP SYSTEM			
PRIORITY					
PRIORITY NUMBER		DATE COUNTRY		COUNTRY	
002218867		11/04/2013	5	OHIM	
DESIGN NUMBER			2464	410	
CLASS		11-01			
1) <b>PRECIOSA, A.S., A JOINT-S</b> <b>REPUBLIC, ADDRESS AT,</b> OPLETALOVA 3197, 466 67 J.			, ,		
DATE OF REGISTRATION		09/07/2012			
TITLE		JEWELLERY STONE			
PRIORITY					
PRIORITY NUMBER	DATE		COUNTR	Y	
1975855-2	16/01/2	2012	EUROPE.	AN UNION	

DESIGN NUMBER		255817	
CLASS		11-01	
1)CORE JEWELLERY PRIVATE COMPANY REGISTERED UNDER OF GJ-4, SDF-VII, SEEPZ, M.I.D. MAHARASHTRA, INDIA	THE INDIAN COMP.	ANIES ACT, 1956),	
DATE OF REGISTRATION	14	/08/2013	
TITLE	JEV	VELLERY	
PRIORITY NA			
DESIGN NUMBER		259531	
CLASS		05-05	
1)SATHEESAN V C/O AVID APP B-17, SECTOR-58 NOIDA-201301			
DATE OF REGISTRATION	20	)/01/2014	
TITLE	TEXTILE FABRIC		
PRIORITY NA			103 6
DESIGN NUMBER		258986	
CLASS		14-02	
1)OLIVETTI S.P.A., AN ITALIAN VIA JERVIS, 77, 10015 IVREA (T	<i>,</i>		
DATE OF REGISTRATION	24	/12/2013	
TITLE	P	RINTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001376180	28/06/2013	OHIM	

DESIGN NUMBER		259232			
CLASS		12-11			
1) <b>DILIP SARKAR, S/O. I</b> <b>NATIONAL C/O. BIPLAB</b> NO. 1 DABGRAM COLO SARANI, SILIGURI-734006	CHAKRAB DNEY, PHO	<b>ORTY,</b> L NO. 607, P.ORA		1	
DATE OF REGISTRATION		03/01/2014			
TITLE	THRE	E WHEELER VEH	HICLE	CAL	
PRIORITY NA				0	Letter ter
DESIGN NUMBER		260491			
CLASS		25-02		Common Street	and the second se
1)PATEL MAHENDRAB NATIONAL AND HAVING C/O. KAIVAL SALES, P CHILODA CHOWKADI, NE NARODA, G.I.D.C., AHMEI DATE OF	<b>5 ADDRESS</b> LOT NO. 30 EAR AMBIK	5 <b>AT</b> /39, PHASE-III, NA A WAY-BRIDGE,	ANA		
REGISTRATION		20/02/2014		TERE	CENER TO CO
TITLE	Ν	IANHOLE COVER	ર		
PRIORITY NA				1	
DESIGN NUMBER			256741		
CLASS			08-05		
1)SATA GMBH & CO. K DOMERTALSTRASSE 2 GERMAN COMPANY		ORNWESTHEIM, I	DEUTSCHL	AND, GERMANY,	
DATE OF REGISTRATIO	N		24/09/2013		
TITLE		ACCESSORY FOF	R CONTAIN	IER DISPENSERS	
BBIODUTY					
PRIORITY PRIORITY NUMBER		DATE	COL	JNTRY	ne
002218867	11/04/2013 OHIM				
		11/01/2013		**	

DESIGN NUMBER		258713	
CLASS		24-02	
1)GENERAL ELECTRIC COMP. 1 RIVER ROAD, SCHENECTAD CORPORATION		JSA, NEW YORK	
DATE OF REGISTRATION	12	/12/2013	
TITLE	RESUSCIT	TATION DEVICE	20
PRIORITY NA			
DESIGN NUMBER		258989	
CLASS		24-04	
INCORPORATED UNDER THE LA HAVING ITS REGISTERED OFFI ONE PROCTER & GAMBLE PLA STATES OF AMERICA	CE AT AZA, CINCINNATI, OH	IO - 45202, UNITED	500
DATE OF REGISTRATION	-	/12/2013	
TITLE	SANITA	ARY NAPKIN	
PRIORITY	D 1 000	COLUMPAL	
PRIORITY NUMBER	DATE	COUNTRY	
29/458,939	25/06/2013	U.S.A.	
DESIGN NUMBER	,	262325	
CLASS		08-06	
1)JAYDEEPBHAI K. MAKASAN OF LEVISH HARDWARE AN IND PRINCIPAL PLACE OF BUSINES "SHRI KRUSHNA KUNJ", 5-GC KOTHARIYA MAIN ROAD, RAJKC	<b>IAN PROPRIETORSH S AT</b> DKUL NAGAR, B/H. PU	IP FIRM HAVING IT	
DATE OF REGISTRATION	05	/05/2014	
TITLE	Н	ANDLE	

DESIGN NUMBER		260982	
CLASS		13-03	
1)ABB FRANCE, A COMPANY O OF 3 AVENUE DU CANADA, IM COURTABOEUF CEDEX, FRANCE	A COMPANY OF		
DATE OF REGISTRATION	1	4/03/2014	i Province
TITLE	ELECTR	IC CONNECTOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	2
002 312 603-0013	19/09/2013	OHIM	
DESIGN NUMBER		261066	
CLASS		07-03	
INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	IDA-201305, U.P. IND	IA	- *
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE	IDA-201305, U.P. IND		Ĭ
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION	IDA-201305, U.P. IND	IA 9/03/2014	Ĭ
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA	IDA-201305, U.P. IND	IA 9/03/2014 VING FORK	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	IDA-201305, U.P. IND 1 SER DRATION, IE, COLORADO 8051	IA 9/03/2014 VING FORK 256779 22-01	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER	IDA-201305, U.P. IND 1 SER DRATION, IE, COLORADO 8051 ATION	IA 9/03/2014 VING FORK 256779 22-01	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER AMERICA, A COLORADO CORPOR	IDA-201305, U.P. IND 1 SER DRATION, IE, COLORADO 8051 ATION 2	IA 9/03/2014 VING FORK 256779 22-01 6, UNITED STATES OF	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER AMERICA, A COLORADO CORPOR DATE OF REGISTRATION	IDA-201305, U.P. IND 1 SER DRATION, IE, COLORADO 8051 ATION 2	IA 9/03/2014 VING FORK 256779 22-01 6, UNITED STATES OF 5/09/2013	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER AMERICA, A COLORADO CORPOR DATE OF REGISTRATION TITLE	IDA-201305, U.P. IND 1 SER DRATION, IE, COLORADO 8051 ATION 2	IA 9/03/2014 VING FORK 256779 22-01 6, UNITED STATES OF 5/09/2013	

DESIGN NUMBER	261900	
CLASS	08-06	
PAMBHAR (3) TRIBHOVANBHAI H PARTNERS ARE ADULT & INDIAN KHODIYAR INDUSTRIES (INDIAN BUSINESS	AI PAMBHAR (2) MAGANBHAI PANCHABHAI PANCHABHAI PAMBHAR (ALL THE NATIONAL) PARTNERS OF SHREE PARTNERSHIP FIRM) HAVING PLACE OF DAD, RAJKOT-360002 GUJARAT-(INDIA)	
DATE OF REGISTRATION	22/04/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	258760	
CLASS	19-06	
	O <b>F</b> HINCHOLI NAKA, S. V. ROAD, MALAD ASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	16/12/2013	
TITLE	WRITING INSTRUMENT	
PRIORITY NA		
DESIGN NUMBER	259250	
CLASS	13-03	101010
1)LARSEN & TOUBRO LIMITED, UNDER THE COMPANIES ACT, 19 L & T HOUSE, BALLARD ESTAT MAHARASHTRA, INDIA		
DATE OF REGISTRATION	06/01/2014	
TITLE	MINIATURE CIRCUIT BREAKER	
PRIORITY NA		P'P'P

DESIGN NUMBER		2	58919		
CLASS		(	02-04		
1)M/S. AERO CLUB, A R CONCERN, OF THE ADDRESS 867, DELHI-110005					
DATE OF REGISTRATION	N	23/	12/2013		
TITLE		FOC	TWEAR		
PRIORITY NA					
DESIGN NUMBER		257986	ó		
CLASS		15-02			
1)PATEL KASHIBHAI M INDIAN, AT. BHOJA, POST. KHA PANCHMAHAL, PIN CODE DATE OF REGISTRATION TITLE	ROL,	TAL. LUNAW	ADA, DIST. , INDIA 13		
DESIGN NUMBER		2584	186		
CLASS		12-	16		
1)NISSAN JIDOSHA KAI AS NISSAN MOTOR CO., J ORGANIZED AND EXIST OF NO. 2 TAKARACHO, KA KANAGAWA-KEN, JAPAN DATE OF REGISTRATION	LTD.) ING U ANAG	<b>), A JAPANESE</b> J <b>NDER THE L</b> GAWA-KU, YOF 29/11/	2 <b>COMPANY,</b> <b>AWS OF JAPAN</b> KOHAMA-SHI, 72013		
TITLE	FRO	NT BUMPER F	OR AUTOMOBI	LE	
PRIORITY	<u> </u>		COUNTERV		
PRIORITY NUMBER		DATE	COUNTRY		
2013-012370		03/06/2013	JAPAN		

DESIGN NUMBER		261619	
CLASS		09-01	
1)PRAMIT SANGHAVI AND DEW V2 CORP., A PARTNERSHIP FIRM MERCHANTS, WHOSE ADDRESS WZ-8/1, INDUSTRIAL AREA, KIF	AS		
DATE OF REGISTRATION		09/04/2014	
TITLE		BOTTLE	
PRIORITY NA			
DESIGN NUMBER		258821	
CLASS		09-07	
1)COMPAGNIE PLASTIC OMNIU 19 AVENUE JULES CARTERET-6			R
DATE OF REGISTRATION		18/12/2013	
TITLE	COVER OF CONTA	AINER FOR COLLECTION WASTE	NOF
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DM/081848	11/09/2013	WIPO	
DESIGN NUMBER		259029	
CLASS		13-03	
1)NOVATEUR ELECTRICAL & D 61/62, 6TH FLOOR, KALPATARU KURLA ROAD, ANDHERI (E), MUM	RI-		
DATE OF REGISTRATION		27/12/2013	VETELE
TITLE	ELECTRICA	L SWITCHING DEVICE	1 10 10-1
PRIORITY NA			

DESIGN NUMBER	2	260301	
CLASS		24-01	
1)SIEMENS AKTIENGESELLSCH OF WITTELSBACHERPLATZ 2, 8 COMPANY			
DATE OF REGISTRATION	12	/02/2014	
TITLE	ELECTRO MEI	DICAL APPARATUS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001389365	12/11/2013	OHIM	
DESIGN NUMBER		259981	
CLASS		12-16	
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOI 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	31	/01/2014	
TITLE	DOOR TRIN	A OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER	2	260427	
CLASS		15-99	
1)SPRAY ENGINEERING DEVICI INCORPORATED UNDER THE PRO HAVING ITS REGISTERED OFFIC PLOT NO. 25, INDUSTRIAL ARE, INDIA			
DATE OF REGISTRATION	18	/02/2014	
TITLE	HEAT EXCH	ANGER MODULE	
PRIORITY NA			

DESIGN NUMBER		258480	
CLASS	26-06		
1)NISSAN JIDOSHA KABUSHIKI MOTOR CO., LTD.), A JAPANESE UNDER THE LAWS OF JAPAN OF NO. 2 TAKARACHO, KANAGAW JAPAN			
DATE OF REGISTRATION	29	9/11/2013	
TITLE	REAR LAMP	FOR AUTOMOBILE	
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	
2013-012375	03/06/2013	JAPAN	
DESIGN NUMBER		258921	
CLASS		02-04	-
1)M/S. AERO CLUB, A REGISTERED PROPRIETORSHIP CONCERN, OF THE ADDRESS 867, JOSHI ROAD, KAROL BAGH, NEW DELHI-110005			
DATE OF REGISTRATION	23/12/2013		
TITLE	FO	OTWEAR	
PRIORITY NA	•		
DESIGN NUMBER		256778	
CLASS		22-01	
1)MAGPUL INDUSTRIES CORPORATION, 400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION			A A
DATE OF REGISTRATION	25/09/2013		A RA BU ANA
TITLE	MOUNT FOR A FIREARM		A ALG PANHI
PRIORITY	F		A A A A A A A A A A A A A A A A A A A
PRIORITY NUMBER	DATE	COUNTRY	
29/452,373	16/04/2013	U.S.A.	

DESIGN NUMBER	256508			
CLASS	24-04		1	
1) <b>RAY ARBESMAN, OF</b> 42 BURTON ROAD, TORONTO, CANADA	ONTARIO M5P 1V2,	, CANADA, NATI	ONALITY:	
DATE OF REGISTRATION		17/09/2013		
TITLE	ADHESIVE BRA	ACE LOCATING	WINDOW	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTR	Y	$\smile$
151026	08/05/2013	CANADA	1	
DESIGN NUMBER		242201		
CLASS		12-16		
1) <b>BAJAJ AUTO LIMITED</b> AT NEW 2ND & 3RD FLOOR, K CHENNAI – 600 006, STATE OF TA	MIL NADU, INDIA		ALAI,	
DATE OF REGISTRATION		0/01/2012		
TITLE	WHEEL R	IM FOR VEHICLI	E	
PRIORITY NA				
DESIGN NUMBER		259249		
CLASS		10-04		]
1)LARSEN & TOUBRO LIMITEI UNDER THE COMPANIES ACT, 1 L & T HOUSE, BALLARD ESTA MAHARASHTRA, INDIA	1956 OF		DRATED	
DATE OF REGISTRATION		06/01/2014		
TITLE	ENCLOSURE	E FOR ENERGY N	METER	
				-

DESIGN NUMBER		258918	
CLASS		02-04	
1)M/S. AERO CLUB, A REGIST ADDRESS 867, JOSHI ROAD, KAROL BAG			
DATE OF REGISTRATION	2:	3/12/2013	
TITLE	FC	OTWEAR	
PRIORITY NA			
DESIGN NUMBER		258479	
CLASS		26-06	_
1)NISSAN JIDOSHA KABUSHIH MOTOR CO., LTD.), A JAPANESI UNDER THE LAWS OF JAPAN O NO. 2 TAKARACHO, KANAGA JAPAN	E COMPANY, ORGAN DF	IZED AND EXISTING	
DATE OF REGISTRATION	29	9/11/2013	
TITLE	REAR LAMP	FOR AUTOMOBILE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-012376	03/06/2013	JAPAN	
DESIGN NUMBER		256780	
CLASS		22-01	
1)MAGPUL INDUSTRIES CORE 400 YOUNG COURT, UNIT 1, E AMERICA, A COLORADO CORPO	RIE, COLORADO 80510	6, UNITED STATES OF	The second
DATE OF REGISTRATION	2:	5/09/2013	
TITLE	MAGAZINI	E FOR A FIREARM	
PRIORITY			693
DDIODITY NUMPED	DATE	COUNTRY	
PRIORITY NUMBER	DIIIE		W CONTRACTOR

DESIGN NUMBER	257465	
CLASS	11-01	
RADHEY HANDICRAFTS,	<b>X SHARMA PROP. OF M/S. RADHEY</b> ARAI HARNARAYAN ROAD, SASNI GATE, VALITY INDIAN	
DATE OF REGISTRATION	14/10/2013	Annual Contraction
TITLE	BANGLE	ALL CARDE COM
PRIORITY NA		
DESIGN NUMBER	261512	
CLASS	23-03	
<b>THE INDIAN COMPANIES ACT, 19</b> <b>DIRECTOR MR. SATISH V. DULIP</b> 28, DAMODARAN STREET, T. N		
DATE OF REGISTRATION	03/04/2014	
TITLE	GAS REGULATOR	
PRIORITY NA		
DESIGN NUMBER	260691	
CLASS	09-03	
INDUSTRIES-AN INDIAN COMPA	<b>E PROPERITOR: MAHESH SHETHIA, KRUPA</b> NY, POUND, MALAD (W), MUMBAI-400064,	
DATE OF REGISTRATION	28/02/2014	
TITLE	BOX	
PRIORITY NA		

DESIGN NUMBER	260949	
CLASS	12-16	-
1)TRACTORS AND FARM EQUIP INCORPORATED UNDER THE CO REGISTERED OFFICE AT NO. 861, ANNASALAI, CHENNAI	MPANIES ACT, 1956, HAVING ITS	
DATE OF REGISTRATION	13/03/2014	
TITLE	GEAR BOX ENSLOSURE FOR TRACTOR	
PRIORITY NA		-
DESIGN NUMBER	256603	
CLASS	09-01	
	<b>PRIVATE LIMITED WHOSE ADDRESS IS</b> I NAGAR, BHOPAL-462016, MADHYA IAN	
DATE OF REGISTRATION	19/09/2013	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	261617	
CLASS	23-04	
1) <b>SHRI RAM ENTERPRISES, L-15</b> <b>DELHI-110039, INDIA.</b> (AN INDIAN PROPRIETORSHIP I MADAN. AN INDIAN NATIONAL OI		
DATE OF REGISTRATION	09/04/2014	
TITLE	AIR COOLER	1
PRIORITY NA		

DESIGN NUMBER	259169		
CLASS	12-14		~
1)S. V. PRAGADEESH, FLAT NO 1/6, GANESH G CHETPET, CHENNAI-600031	ARDEN, DOOR NO. 1, PC HOSTEL RO. , INDIA.	AD,	
DATE OF REGISTRATION	01/01/2014		
TITLE	THREE WHEELED COMMERCI VEHICLE	4L	
PRIORITY NA		(	
DESIGN NUMBER	258935		
CLASS	12-08		-6
1)FERRARI S.P.A., AN ITA OF VIA EMILIA EST 1163	LIAN COMPANY , I-41100, MODENA, ITALY	6	
DATE OF REGISTRATION	23/12/2013	En la	Rest and a second secon
TITLE	CAR	VARA	XX The
PRIORITY NA		. AGA	
DESIGN NUMBER	259133		
CLASS	13-03		
AT 2ND FLOOR, EAST W	<b>AVING REGISTERED OFFICE</b> ING, KHANIJA BHAVAN, 49, RACE RE 560001, KARNATAKA, INDIA, AN	1	
DATE OF REGISTRATION	30/12/2013		
TITLE	INSERT MODULE FOR TOUCH SWIT	СН	
PRIORITY NA			

			-
DESIGN NUMBER		260829	
CLASS		14-03	
1)VERTU CORPORATION LIMIT EXISTING UNDER THE LAWS OF BEACON HILL ROAD, CHURCH KINGDOM			
DATE OF REGISTRATION	07	7/03/2014	
TITLE	MOB	ILE PHONE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002416230	03/03/2014	OHIM	
DESIGN NUMBER		258369	
CLASS		12-16	-
1)DAIMLER INDIA COMMERCIA INDIAN COMPANY INCORPORAT OF UNIT 201, 2ND FLOOR CAMP 143, DR. MGR ROAD, PERUNGUDI, O DATE OF REGISTRATION TITLE PRIORITY	ED UNDER THE LA PUS 3B, RMZ MILLEN CHENNAI-600096, IN 25	WS OF INDIA, INIA BUSINESS PARK NO.	
PRIORITY NUMBER	DATE COUNTRY		
002244368-0002	27/05/2013	OHIM	
DESIGN NUMBER		259036	
CLASS		12-15	
1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON, F-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE, S.A., A SWISS COMPANY OF ROUTE LOUIS-BRAILLE 10-CH-1763, GRANGES-PACCOT, SWITZERLAND			
DATE OF REGISTRATION	27/12/2013		
TITLE		TIRE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002281709-0001	26/07/2013	OHIM	

DESIGN NUMBER		260106	
CLASS	07-01		
1)LDDN IMPEX, A PARTNERSHI E-37 SMA INDUSTRIAL ESTATE	-		
DATE OF REGISTRATION		04/02/2014	
TITLE	W	INE COOLER	
PRIORITY NA			
DESIGN NUMBER		257831	
CLASS		09-03	
1)SOURCE ONE BUYING SERVIC INCORPORATED UNDER THE LA 61-D, POCKET-A, SUKHDEV VIE	WS OF INDIA, OF		K A
DATE OF REGISTRATION		29/10/2013	
TITLE	DISPLAY	PACKAGING UNIT	Ĭ
PRIORITY NA			
DESIGN NUMBER		258362	
CLASS		12-16	
1)DAIMLER INDIA COMMERCIAL VEHICLES PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE LAWS OF INDIA, OF UNIT 201, 2ND FLOOR CAMPUS 3B, RMZ MILLENNIA BUSINESS PARK NO. 143, DR. MGR ROAD, PERUNGUDI, CHENNAI-600096, INDIA			
DATE OF REGISTRATION	25/11/2013		
TITLE	FOOT STEP COVER FOR VEHICLES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002244459-0005	27/05/2013 OHIM		

DESIGN NUMBER		259394	
CLASS		07-02	
1) <b>PANKAJ MALIK, INDIAN BY N</b> 7A ASHOKA APPTS., 7 RAJPUR H			
DATE OF REGISTRATION	15	5/01/2014	
TITLE	LU	NCH BOX	
PRIORITY NA			
DESIGN NUMBER		258947	
CLASS		23-01	27.12 m
1)RAHUL SATRAMDAS KESWANI, AN INDIVIDUAL OF INDIANNATIONALITY, HAVING ADDRESS AT202-A, SAFAL PARIVESH, B/H. FLAVOURS RESTAURANT, NEAR AUDAGARDEN, ANAND NAGAR ROAD, PRAHLADNAGAR, AHMEDABAD 380015GUJARATDATE OF REGISTRATION24/12/2013			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TITLE	VALVE		
PRIORITY NA			
DESIGN NUMBER		259174	
CLASS		10-02	* 20.00
1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND			A Contraction of the second
DATE OF REGISTRATION	01/01/2014		
TITLE	WATCH		
PRIORITY		1	
PRIORITY NUMBER	DATE	COUNTRY	
760149501	06/09/2013 WIPO		

DESIGN NUMBER	2	60591	
CLASS	12-16		
1)HONDA MOTOR CO., LTD., A 1-1, MINAMI-AOYAMA 2-CHON			Im
DATE OF REGISTRATION	25/	/02/2014	in the second
TITLE	FRONT COVER	FOR MOTORCYCLE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
2013-020099	30/08/2013	JAPAN	
DESIGN NUMBER		256742	
CLASS		08-05	
1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 70806 GERMAN COMPANY	-		
DATE OF REGISTRATION		24/09/2013	SED S
TITLE		CONTAINER DISPEN	SERS
PRIORITY PRIORITY NUMBER 002218867	DATE 11/04/2013	COUNTRY OHIM	
DESIGN NUMBER	2589	17	
CLASS	02-0	)4	
1) <b>M/S. AERO CLUB, A REGISTE THE ADDRESS</b> 867, JOSHI ROAD, KAROL BAG			A
DATE OF REGISTRATION	23/12/2	2013	A CONTRACTOR
TITLE	FOOTW	VEAR	
PRIORITY NA			

DESIGN NUMBER		259659	
CLASS	16-06		—
1)CARL ZEISS MEDITEC AG, A UNDER THE LAWS OF GERMAN OF GOESCHWITZER STRASSE 5	<i>κ</i> ,		
DATE OF REGISTRATION	2-	4/01/2014	
TITLE		DULE FOR A SURGICAL CROSCOPE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	697V
001379788-0001	06/08/2013	OHIM	
DESIGN NUMBER		256868	
CLASS		07-01	
ABOVE ADDRESS DATE OF REGISTRATION	EP SINGH AS AN INDIAN NATIONAL OF 27/09/2013		
TITLE	SER	VICE PLATE	
PRIORITY NA	1		
DESIGN NUMBER		262326	
CLASS		08-06	
1)AJAYBHAI B. CHOVATIYA AN ABC SALES CORPORATION AN I PRINCIPAL PLACE OF BUSINESS 5-YOGESHWAR MAIN ROAD, A (SOUTH), RAJKOT, GUJARAT-INDI	NDIAN PROPRIETO AT TIKA INDUSTRIAL A	RSHIP FIRM HAVING IT	
DATE OF REGISTRATION	05/05/2014		
TITLE	H	IANDLE	
PRIORITY NA			

DESIGN NUMBER	255599	
CLASS	13-02	
1)SU-KAM POWER SYSTEMS LT OF PLOT NO. WZ-1401/2, NANGA INDIAN COMPANY	<b>D.</b> AL RAYA, NEW DELHI-110046, INDIA, AN	
DATE OF REGISTRATION	01/08/2013	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O
TITLE	INVERTER FOR LIFT	
PRIORITY NA		
DESIGN NUMBER	256576	
CLASS	02-01	
BOMBAY CREATIONS,	K VERMA, BOTH ARE INDIAN CITIZEN, AT DSITE WINE SHOP, PATIALA, PUNJAB-147001,	
DATE OF REGISTRATION	18/09/2013	
TITLE	T-SHIRT	ALL AND
PRIORITY NA		
DESIGN NUMBER	261719	
CLASS	09-02	
ROAD, CHAKALA, ANDHERI (E), I INDIA./	703, SAMARPAN COMPLEX, NEW LINK MUMBAI-400099. STATE OF MAHARASHTRA DRATED UNDER INDIAN COMPANIES ACT.,	
DATE OF REGISTRATION	15/04/2014	
TITLE	DRUM	
PRIORITY NA		

	0501			
	2591	66		
	10-0	)1		
		RAJKOT-MORBI	10111212	
	31/12/2	2013	8 4	
	CLO	CK	63	
·				
	2591	11		
	15-9	99		
1)1. KYB-YS CO., LTD. 9165, SAKAKI, SAKAKI-MACHI, HANISHINA-GUN, NAGANO 3890688, JAPAN, NATIONALITY: JAPANESE, 2. KAYABA INDUSTRY CO., LTD. WORLD TRADE CENTER BLDG., 4-1, HAMAMATSU-CHO 2-CHOME, MINATO- KU, TOKYO 1056111, JAPAN, NATIONALITY: JAPANESE				
	30/12/2	2013		
]	FLUID PRESSUR	RE ACTUATOR		
DAT	Έ	COUNTRY		
05/0	7/2013	JAPAN		
	2448	303		
	23-9	)9		
1)CHANGWON ENVIRONMENT INDUSTRY CO. LTD. 416-2 EUJEUN-RI, JINYEONG-EUP, GIMHAE, GYEONGNAM 621-800, REPUBLIC OF KOREA				
	25/04/2	2012		
ELECT				
PRIORITY		C		
DATE	COUNTRY			
2/11/2011	REPUBLIC	OF KOREA		
	RPAT INDUS TE OF GUJAF	Image: Description of the second state of the se	RPAT INDUSTRIAL ESTATE, RAJKOT-MORBI TE OF GUJARAT, INDIA         31/12/2013         CLOCK         259111         15-99         AKAKI, SAKAKI-MACHI, HANISHINA-GUN, TONALITY: JAPANESE, 2. KAYABA INDUSTRY         DG., 4-1, HAMAMATSU-CHO 2-CHOME, MINATO- ATIONALITY: JAPANESE         30/12/2013         FLUID PRESSURE ACTUATOR         DATE       COUNTRY         05/07/2013       JAPAN         244803       23-99         NT INDUSTRY CO. LTD.         -EUP, GIMHAE, GYEONGNAM 621-800, REPUBLIC         25/04/2012         ELECTRO CELL FOR SEWAGE TREATMENT PLANT	

DESIGN NUMBER		244007		
CLASS		21-01		THE REPORT OF THE REPORT OF THE PARTY OF THE
1)GIUSEPPE CARLO VIA MAZZINI 2, SAS				
DATE OF REGISTRAT	ION	21/03/201	12	
TITLE		FOOTBALL PLAYER F GAME		AN AN
PRIORITY NA DESIGN NUMBER		261945		
CLASS		12-16		
1)DEERE & COMPAN			5-	
DATE OF REGISTRATION		23/04/2014		
TITLE	FENDE	R UNIT FOR A VEHICI	Æ	
PRIORITY NA				
DESIGN NUMBER		256	5412	
CLASS		06	-06	~
1)HERMAN MILLER OF 855 EAST MAIN STATES OF AMERICA	, <b>INC.,</b> AVENUE,	ZEELAND, MICHIGAN	N 49464, UNITED	
DATE OF REGISTRAT	ION	13/09	9/2013	
TITLE		PARTITION FOR	WORK SURFACE	
PRIORITY PRIORITY NUMBER 29/449,892		DATE 15/03/2013	COUNTRY U.S.A.	

DESIGN NUMBER		255770	
CLASS		15-04	
1)CQMS PTY LTD A COMPANY HAVING REGISTERED OFFICE A 11/58 METROPLEX AVENUE, M			
DATE OF REGISTRATION		12/08/2013	
TITLE	EXCAV	ATOR BUCKET LIP	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	~12-3P
10716/2013	12/02/2013	AUSTRALIA	
DESIGN NUMBER		259465	
CLASS		15-05	
THE INDIAN COMPANIES ACT, AT 14 KMS. STONE, AURANGAI TQ.PAITHAN, DIST. AURANGABAI DATE OF REGISTRATION TITLE PRIORITY NA	0-431105, MAHARA		
DESIGN NUMBER		259721	
CLASS		26-06	
1)FORD GLOBAL TECHNOLOG EXISTING UNDER THE LAWS OF OFFICE AT 330 TOWN CENTER DRIVE, SUI STATES OF AMERICA	UNITED STATES	OF AMERICA, HAVING	
DATE OF REGISTRATION		27/01/2014	
TITLE	VEHICLE TAIL LAMP LENS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201330379965.2	09/08/2013	CHINA	

DESIGN NUMBER	20	50318	
CLASS	(	08-06	
1)AMITBHAI M. CHOVATIYA AN NATIONAL PARTNERS OF FORAN PARTNERSHIP FIRM HAVING ITS PLOT NO. 7, PATEL IND. AREA, POOL, (KOTHARIYA), RAJKOT, GU	<b>I SALES CORPORAT</b> PRINCIPAL PLACE ( OPP. RIDDHI SIDDHI F	ION AN INDIAN OF BUSINESS AT	
DATE OF REGISTRATION	13/0	02/2014	
TITLE	HA	NDLE	
PRIORITY NA			
DESIGN NUMBER	20	50679	
CLASS	(	07-04	
FIRM HAVING ITS PRINCIPAL PL JAY SARDAR INDUSTRIAL ZON KOTHARIYA SOLVANT, GONDAL F GUJARAT-INDIA	E, PLOT NO. 47, SURV	EY NO. 259, B/H.	
DATE OF REGISTRATION	28/02/2014		
TITLE	VEGETABLE CUTTER		
PRIORITY NA			
DESIGN NUMBER	20	50588	
CLASS	1	2-11	
1)HONDA MOTOR CO., LTD., A J OF 1-1, MINAMI-AOYAMA 2-CH			
DATE OF REGISTRATION	25/0	02/2014	
TITLE	MOTO	DRCYCLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	- CO
2013-020097	30/08/2013	JAPAN	

DESIGN NUMBER		256188	
CLASS		15-99	
1)SANDVIK INTELLECTUAL P SE-811 81 SANDVIKEN, SWED		ANY	
DATE OF REGISTRATION	03	3/09/2013	
TITLE	SEALING RING FO	R GYRATORY CRUSHEF	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001363774	08/03/2013	OHIM	
DESIGN NUMBER		258885	
CLASS		02-04	
1) <b>THAIKATTIL JOSE,</b> THAIKATTIL HOUSE, OLLUKA INDIA, AN INDIAN NATIONAL			
DATE OF REGISTRATION	20	)/12/2013	( ) ? . i
TITLE	FO	OTWEAR	
PRIORITY NA	·		
DESIGN NUMBER		258985	
CLASS		14-02	
1)OLIVETTI S.P.A., AN ITALIAN COMPANY, OF VIA JERVIS, 77, 10015 IVREA (TO), ITALY			
DATE OF REGISTRATION	24	/12/2013	
TITLE	P	RINTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001376180	28/06/2013	OHIM	

		2505(0)	1			
DESIGN NUMBER		259768				
CLASS		24-04		-	1000	
1)LUPIN LIMITED., A REGISTERED UNDER AND HAVING ITS OFF 159 CST ROAD, KAI MUMBAI, 400 098, STA'	THE CO TICE AT LINA, SAN	<b>MPANIES ACT, 1956,</b> NTACRUZ (EAST),	K	In		
DATE OF REGISTRATION		28/01/2014	The	-		
TITLE		INHALER		-		AND SI
PRIORITY NA						
DESIGN NUMBER		262373				
CLASS		08-06				
INDIAN NATIONAL) A PARTNERSHIP FIRM) 6, PATEL NAGAR, N SORATHIWADI, RAJKO	ND PAR HAVING IR. BHAL DT-360001	. ,	ETAL (INDIAN Γ-	-		
DATE OF REGISTRAT	ION	06/05/2014				Constant of the local division of the local
TITLE		HANDLE				
PRIORITY NA						
DESIGN NUMBER		26	50442			
CLASS		2	8-02			
SHAHDARA, DELHI-11 (AN INDIAN PROPR	1 <b>0032, IN</b> IETORSH	<b>5E/1A, G. T. ROAD, MOTI DIA.</b> IIP FIRM WHOSE PROPRIE NAL OF THE ABOVE ADD	TOR IS:- SH. V	IKAS		
DATE OF REGISTRAT	ION	18/0	02/2014		and i	
TITLE		LIPST	CK CASE			
PRIORITY NA						

DESIGN NUMBER		258481	
CLASS		26-06	
1)NISSAN JIDOSHA KABUSHIKI MOTOR CO., LTD.), A JAPANESE ( UNDER THE LAWS OF JAPAN OF NO. 2 TAKARACHO, KANAGAW JAPAN	2		
DATE OF REGISTRATION	29	0/11/2013	
TITLE	FRONT HEADLIC	GHT FOR AUTOMOBILE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-012374	03/06/2013	JAPAN	
DESIGN NUMBER		256540	
CLASS		12-11	
1)TVS MOTOR COMPANY LIMIT UNDER THE COMPANIES ACT, 19 JAYALAKSHMI ESTATES 29 (OL TAMIL NADU, INDIA	56, HAVING ITS REO	GISTERED OFFICE AT	
DATE OF REGISTRATION	17/09/2013		
TITLE	PILLION HANDLE FOR SCOOTER		
PRIORITY NA			
DESIGN NUMBER		261518	
CLASS		07-01	
1)LDDN IMPEX, A PARTNERSHIP FIRM, OF THE ADDRESS E-37 SMA INDUSTRIAL ESTATE, GT ROAD, DELHI-110033, INDIA			
DATE OF REGISTRATION	03/04/2014		
TITLE	BOWL WITH LID		
PRIORITY NA			

DESIGN NUMBER		258656	
CLASS		15-03	
1)JUSCO, JAMSHEDPUR 831001, INDIA, J	AN INDIAN COMPAN	NY	to the
DATE OF REGISTRATION		10/12/2013	In the second
TITLE	FOG	GING MACHINE	
PRIORITY NA			
DESIGN NUMBER		257228	
CLASS		02-07	CS.
1) <b>MR. WANG LAP RONNY NG,</b> ROOM 618, TRANS ASIA CENT NEW TERRITORIES, HONG KONG	RE, NO. 18 KIN HON		
DATE OF REGISTRATION		07/10/2013	
TITLE	ZIPPER FO	OR SLIDE FASTENER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
1301435.8	23/08/2013	HONGKONG	
DESIGN NUMBER		259384	
CLASS		23-01	(Martin Control of Con
1)SUBODH GUPTA, OKAYA PO D-7, UDYOG NAGAR, ROHTAR		I-110041, (INDIAN)	
DATE OF REGISTRATION		15/01/2014	Marry and the second se
TITLE	WA	TER PURIFIERS	
PRIORITY NA			

DESIGN NUMBER		259548			
CLASS		05-06			
1)LG HAUSYS, LTD., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF RUPUBLIC OF KOREA OF ONE IFC BUILDING, 10 GUKJEGEUMYUNG-RO, YEONGDEUNGPO-GU, SEOUL, REPUBLIC OF KOREA					L,
DATE OF REGISTRATION			20/01	/2014	
TITLE		FILM I	FOR DECOR	ATION PURPOSES	
PRIORITY					
PRIORITY NUMBER	DATE		COUNTRY		
30-2013-0038773	26/07/2	2013	REPUBLIC	OF KOREA	
DESIGN NUMBER			260	912	
CLASS			15-	-99	
ILLINOIS, OF ONE MARTIN PLACE, NEPO AMERICA DATE OF REGISTRATION TITLE	NSET, 1	ET, ILLINOIS 61345, UNITED STATES OF			
PRIORITY		1102		N AIR BLASTER	
PRIORITY NUMBER		DATE		COUNTRY	
29/468,553		01/10/20	013	U.S.A.	
DESIGN NUMBER			255	771	
CLASS			15-	-04	
1)CQMS PTY LTD A COMPANY ORGANIZED AND EXISTING IN AUSTRALIA HAVING REGISTERED OFFICE AT 11/58 METROPLEX AVENUE, MURARRIE QUEENSLAND 4172, AUSTALIA				A	
DATE OF REGISTRATION		12/08/2013			5 7 19 011
TITLE		WEAR RESISTING UNIT OF EXCAVATOR			401450
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
10717/2013		12/02/201	3	AUSTRALIA	

DESIGN NUMBER		259047	
CLASS		12-16	
1) <b>TATA MOTORS LIMITED, AN</b> BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	27	7/12/2013	
TITLE		ER WITH DOVETAIL FOR EHICLES	
PRIORITY NA			
DESIGN NUMBER		260680	
CLASS		07-01	1000 A 1000
WEST, MUMBAI-400064. STATE O PROPRIETOR OF AGASTYA INI OF ABOVE ADDRESS DATE OF REGISTRATION TITLE PRIORITY NA	ATIONAL) B/65, B. T. COMPOUND, MALAD F MAHARASHTRA, INDIA. DUSTRIES, AN INDIAN PROPRIETORSHIP FIRM 28/02/2014 STAND FOR GLASS		
DESIGN NUMBER		257830	_
CLASS 1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRES EINDHOVEN, THE NETHERLANDS	DOM OF THE NETH	ERLANDS, RESIDING AT	
DATE OF REGISTRATION	29/10/2013		
TITLE	AIR HUMIDIFIER		
PRIORITY PRIORITY NUMBER 002234351-0001	DATE 08/05/2013	COUNTRY OHIM	

DESIGN NUMBER	259	9393	
CLASS	07	7-02	and the second
1) <b>PANKAJ MALIK, INDIAN BY N</b> 7A ASHOKA APPTS., 7 RAJPUR F			
DATE OF REGISTRATION	15/0	1/2014	h and a second s
TITLE	LUNC	CH BOX	
PRIORITY NA			
DESIGN NUMBER	253	3946	
CLASS	23	8-01	
1)RAHUL SATRAMDAS KESWAN NATIONALITY, HAVING ADDRES 202-A, SAFAL PARIVESH, B/H. F GARDEN, ANAND NAGAR ROAD, P GUJARAT			
DATE OF REGISTRATION		2/2013	
TITLE	VALVE		
PRIORITY NA			
DESIGN NUMBER	259	9033	
CLASS	12	2-15	
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET ROUTE LOUIS-BRAILLE 10-CH-1763			
DATE OF REGISTRATION	27/12	2/2013	
TITLE	T	IRE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002281634-0001	26/07/2013	OHIM	

DESIGN NUMBER	260208	
CLASS	06-01	
UNDER THE INDIAN COMPANIES STEEL TOWN OWNER ASSOCIA	<b>F. LTD., A COMPANY INCORPORATED</b> <b>ACT, HAVING ITS ADDRESS AT,</b> TIONS, PLOT NO. C-1, SURVEY NO. 429, POST: MEDABAD, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	07/02/2014	the second second
TITLE	CHAIR	
PRIORITY NA		
DESIGN NUMBER	260302	
CLASS	13-03	
1)CENTRE FOR DEVELOPMENT OF INDIA OF THE ADDRESS ELECTRONICS CITY PHASE-I, H		
DATE OF REGISTRATION	12/02/2014	
TITLE	ENCLOSURE FOR CABLE MANAGEMENT	
PRIORITY NA		
DESIGN NUMBER	261079	
CLASS	07-03	-
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		*
DATE OF REGISTRATION	19/03/2014	
TITLE	SPOON (FOR COFFEE)	
PRIORITY NA		*

DESIGN NUMBER		244006	
CLASS	21-01		
1)GIUSEPPE CARLO ANGIONI VIA MAZZINI 2, SASSARI, ITALY	Y		
DATE OF REGISTRATION	21	1/03/2012	Provide and the second
TITLE		KEEPER FOR TABLE TOP GAME	
PRIORITY NA			
DESIGN NUMBER		256411	
CLASS		14-02	
1)SOLOMETRICS LLC, HAVING 300 NORTH LASALLE, SUITE 492 USA			0
DATE OF REGISTRATION	13	3/09/2013	/ //•
TITLE	BIOMETRIC SCANNING DEVICE		1:11
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/448, 809	13/03/2013	U.S.A.	
DESIGN NUMBER		248636	
CLASS		09-01	
1)VADILAL INTERNATIONAL P UNDER THE INDIAN COMPANY'S VADILAL HOUSE, SHRIMALI SC CROSSING, NAVRANGPURA, AHM	ACT, CIETY, NR. NAVRA	NGPURA RAILWAY	
DATE OF REGISTRATION	15	5/10/2012	
TITLE	H	BOTTLE	
PRIORITY NA			6

DESIGN NUMBER	2	258967	
CLASS	2	23-03	7
1)DOW GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF AN OFFICE AND PLACE OF BUSI 2040 DOW CENTER, MIDLAND, AMERICA	F THE STATE OF DELA NESS AT	AWARE, AND HAVING	
DATE OF REGISTRATION	24/	/12/2013	
TITLE		ACK PANEL ASSEMBLY	CONTRACTOR CONTRACTOR
PRIORITY			-
PRIORITY NUMBER	DATE	COUNTRY	7
201330292012.2	28/06/2013	CHINA	-
DESIGN NUMBER	20	62261	<u></u>
CLASS	2	23-01	-
1)MAHESH GUPTA, AN INDIAN C-64, SECTOR - 14, NOIDA, UTT			-
DATE OF REGISTRATION	01/0	05/2014	
TITLE	WATER	R PURIFIER	
PRIORITY NA			
DESIGN NUMBER		260678	
CLASS		08-06	_
1)KISHORBHAI V. RAKHOLIYA OF SHREE RAM INDUSTRIES AN ITS PRINCIPAL PLACE OF BUSIN "JAGRUTI" 2, PATEL NAGAH GUJARAT-INDIA	INDIAN PROPRIETO	RSHIP FIRM HAVING	
DATE OF REGISTRATION	28/	/02/2014	
TITLE	HA	ANDLE	11 15 15 10 10
PRIORITY NA			

DESIGN NUMBER		261078	
CLASS	07-01		
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS	AT	
DATE OF REGISTRATION	1	9/03/2014	27
TITLE	CC	OFFEE POT	
PRIORITY NA			$\bigcirc$
DESIGN NUMBER		261853	
CLASS		10-05	
AMRITSAR-143005 (PUNJAB) INDIA AND PROF. (DR.) A. K. THUKRAL, NATIONALITY-INDIAN, DEPARTMENT OF BOTANICAL & ENVIRONMENTAL SCIENCES, GURU NANAK DEV UNIVERSITY, AMRITSAR-143005 (PUNJAB) INDIADATE OF REGISTRATION21/04/2014		Status exocrant future Fourierst	
TITLE	SOUND PROOFING TESTING EQUIPMENT		Г
PRIORITY NA	·		
DESIGN NUMBER		259040	
CLASS		12-08	
1)YAMAHA HATSUDOKI KABUS 2500, SHINGAI, IWATA-SHI, SHI CORPORATION		)1, JAPAN, A JAPANESE	
DATE OF REGISTRATION	27/12/2013		
TITLE	AUTOMOBILE		
PRIORITY			
PRIORITY NUMBER	Y NUMBER DATE CC		
2013-014661	28/06/2013 JAPAN		

DESIGN NUMBER	260107	
CLASS 23-01		
ITS OFFICE AT VILLAGE MALAK NOIDA-201308 [U.P.] (INDIA)	<b>ES AN INDIAN PARTNERSHIP FIRM HAVING PUR, NEAR CAPARO INDIA, GREATER</b> K GUPTA AND ANJALI GUPTA, ALL INDIAN ESS	Por
DATE OF REGISTRATION	04/02/2014	
TITLE	WATER TAP	E
PRIORITY NA		f ·
DESIGN NUMBER	257832	
CLASS	09-03	
1)SOURCE ONE BUYING SERVIC INCORPORATED UNDER THE LAY 61-D, POCKET-A, SUKHDEV VIH	<u>S</u>	
DATE OF REGISTRATION	29/10/2013	
TITLE	DISPLAY PACKAGING UNIT	
PRIORITY NA		
DESIGN NUMBER	IGN NUMBER 257619	
ASS 23-01		
1) <b>NAMAN JAIN, AN INDIAN NAT</b> C-142, ANAND VIHAR, NEW DEI		
DATE OF REGISTRATION		
TITLE		
PRIORITY NA		

DESIGN NUMBER		259035	
CLASS		12-15	
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET ROUTE LOUIS-BRAILLE 10-CH-1763			
DATE OF REGISTRATION	27	7/12/2013	
TITLE		TIRE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002281683-0001	26/07/2013	OHIM	
DESIGN NUMBER		259395	
CLASS		07-02	
1) <b>PANKAJ MALIK, INDIAN BY N</b> 7A ASHOKA APPTS., 7 RAJPUR F		Ļ	
DATE OF REGISTRATION	15/01/2014		
TITLE	LUNCH BOX		
PRIORITY NA			0
DESIGN NUMBER		260891	
CLASS		12-09	0
1)TRACTORS AND FARM EQUIP INCORPORATED UNDER THE CO REGISTERED OFFICE AT NO. 861, ANNASALAI, CHENNAI	MPANIES ACT, 1956	5, HAVING ITS	
DATE OF REGISTRATION	10	0/03/2014	
TITLE	T	RACTOR	0
PRIORITY NA			

DESIGN NUMBER		257985			
CLASS		15-99			
			- Line		
I)PATEL KASHIBHAI M INDIAN,	ANGALB	SHAI, NATIONALITY: AN	1442	cont.	Charter and the second
AT. BHOJA, POST. KHA PANCHMAHAL, PIN CODE			1		
DATE OF REGISTRATION		06/11/2013		Sales and	COUNTRY OF
TITLE		IMPELLER		C.S.S.	China the second of the second second
PRIORITY NA					Charleneer of Hibert
DESIGN NUMBER		262097			
CLASS		06-11		12000	NUMBER OF COMPANY OF THE OWNER
		<b>LTD., AN INDIAN COMP</b> A IAL AREA, JAIPUR-302020,			
DATE OF REGISTRATION	N	28/04/2014		12-20	as a second
TITLE		CARPET		1	
PRIORITY NA					
DESIGN NUMBER		261749			
CLASS		07-07			
DAMAN, DAMAN-396210, PARTNERSHIP FIRM,	(UNION 1	<b>VEY NO. 370/2 (7) KACHIO</b> F <b>ERRITORIES), INDIA, IN</b> N SACHDEV & MANASI SA	DIAN		
DATE OF REGISTRATION	N	15/04/20	14		NAT SA
TITLE		LAUNDRY B.	ASKET		A REAL PROPERTY AND A REAL PROPERTY.
PRIORITY NA					

DESIGN NUMBER		252274	
CLASS		14-02	
1)ROCKWELL AUTOMATION AS 2 CORPORATION ROAD, CORPO			
DATE OF REGISTRATION	1	3/03/2013	
TITLE		AUTOMATION DRIVE NTROLLER	
PRIORITY			W-
PRIORITY NUMBER	DATE	COUNTRY	HARDEN S
29/432,413	14/09/2012	U.S.A.	
DESIGN NUMBER		261618	
CLASS		09-05	
(AN INDIAN COMPANY DULY R 1956) DATE OF REGISTRATION TITLE PRIORITY NA	0	THE COMPANIES ACT, 9/04/2014 R PACKAGING RICE	
DESIGN NUMBER		262477	
CLASS		19-06	
1)FLAIR PENS AND STATIONERY INDUSTRIES, AN INDIAN PARTNERSHIP FIRM OF 63, B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI - 400067, [MAHARASHTRA], INDIA; WHOSE PARTNERS ARE KHUBILAL J. RATHOD, RAJESH K. RATHOD, VIMALCHAND J. RATHOD, MOHIT K. RATHOD AND SUMIT V. RATHOD; ALL INDIANS OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	09/05/2014		
TITLE	PEN		
PRIORITY NA			

DESIGN NUMBER	258936	
CLASS	12-16	
1) <b>TATA MOTORS LIMITED, AN</b> BOMBAY HOUSE, 24 HOMI MC 400001, MAHARASHTRA, INDIA	3	
DATE OF REGISTRATION	23/12/2013	
TITLE	BRACKET FOR PARKING VEHICULAR DIAGNOSTIC CONNECTOR	
PRIORITY NA		