## 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

27<sup>th</sup> FEBRUARY, 2015

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#### THE PATENT OFFICE

#### KOLKATA, 27/02/2015

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<ul> <li>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <u>mumbai-patent@nic.in</u></li> <li>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nag Haveli</li> </ul>	5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <u>kolkata-patent@nic.in</u>
<ul> <li>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075 Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 &amp; 2808 1940 E.mail: <u>delhi-patent@nic.in</u></li> <li>☆ The States of Haryana, Himachal Pradesh, Jamm and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</li> </ul>	
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www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

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

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	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
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2	पेटेंट कार्यालय, भारत सरकार	5	पेटेंट कार्यालय, भारत सरकार
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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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3	पेटेंट कार्यालय, भारत सरकार		
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	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
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www.patentoffice.nic.in

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

The Patent Office Journal 27/02/2015

### **SPECIAL NOTICE**

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

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

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

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

#### **SPECIAL NOTICE**

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 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:**

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION		(21) Application No.3543/DEL/2014 A
(19) INDIA		
(22) Date of filing of Application :05/12/2014		(43) Publication Date : 27/02/2015
(54) Title of the invention : THE MAGICAL BEND		
(51) International classification	:A01G31/00, A01G31/02	(71)Name of Applicant : 1)PANKAJ GURU
(31) Priority Document No	:NA	Address of Applicant :3-61-62, GALI NO.3, NIRANKARI
(32) Priority Date	:NA	COLONY, DELHI-110 009. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PANKAJ GURU
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 paper entitled GREEN INTERVENTION is an attempt to analyze the problem of scarce green spaces in the Urban Villages of New Delhi and recommend solutions for the same. With the constant increase in population and the paucity of land, the spaces to live in are significantly decreasing. People are taking every.possible measure to counter the imbalance between abrupt increase in population and the increasing demand for shelter. In an attempt to do so they are creating a huge disparity in the proportion of built and open spaces.

No. of Pages : 36 No. of Claims : 6

#### (19) INDIA

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

#### (54) Title of the invention : A CORDLESS HAND HELD RF TUBE SEALER.

<ul> <li>(51) International classification</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>	:B65B9/00, H05B6/64 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MAHAJAN; LALIT <ul> <li>Address of Applicant :N-118, GREATER KAILASH PART-1, NEW DELHI, INDIA. Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)MAHAJAN; LALIT</li> </ul> </li> </ul>
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#### (57) Abstract :

The present invention relates to a cordless, handheld, user friendly Radio frequency tube sealer to melt and seal the plastic tubing. It is a Battery supported device so that it is compact in size, user-friendly and ergonomic. The compact, high frequency RF generator (q) is placed within the device which eliminates the use of coaxial cable/cord (c) between the table top RF generator (a) and the handheld tube sealing part (b), so it can be carried to any point of use irrespective of availability of power, is more energy efficient, no RF emission from the co- axial cable to make it safe and it is user-friendly. ,A rechargeable battery ,pack (j) is placed within the device which provides the sufficient current for producing high ,RF energy for the effective uniform melting and sealing of the tube. On activation of the triggerhandle (g), an internal switch is activated and then the RF generator(q) is activated. to transmit the RF energy across the electrodes (o&p) which heats and seals the plastic tubing.

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

#### (19) INDIA

(22) Date of filing of Application :18/11/2014

#### (54) Title of the invention : AN IMPROVED MATERIAL UNLOADING DEVICE

(51) International classification	:D06F 39/00 :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)L &amp; T MHPS BOILERS PVT. LTD.</li> </ul>
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA	Address of Applicant :SURAT - HAZIRA ROAD, HAZIRA (WEST), SURAT 394510, GUJARAT, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. PANKAJ PATEL
Filing Date	:NA	2)MR. KEYUR PAREKH
(87) International Publication No	: NA	3)MR. SHAM THAKRE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved material unloading device (1) comprises of the top arm (3) which remains on top of the container (4) comprises of pair of top hook (7) for tying wire rope sling (12) which is directly attached with gantry crane (5) for lifting the material unloading device (1); the said bottom arm (2) which is to be entered inside the container (4) from the backside of the container (4) comprises of the plurality of lug (8) to hold plurality of hook (9) for fastening and lifting the material (6) from the container (4); counter weight (10) is placed which balances unloading device (1) in unloaded condition and stiffeners (11) are provided on side of lower are (2) and upper arm (3) to provide strength to the opening made in the structure.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/12/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : AN EXPLOSION PROOF ENCLOSURE WITH CAPACITIVE TOUCH INTERFACING 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>	:H04B 1/03 :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Masibus Automation and Instrumentation Pvt. Ltd. Address of Applicant :B-30,GIDC Electronics Estate, Sector</li> <li>25, Gandhinagar - 382044, Gujarat, India</li> <li>(72)Name of Inventor :</li> <li>1)Cordeiro Dominic Joseph</li> <li>2)Raval Suhant Kirtikumar</li> <li>3)Haldekar Pankaj Purushottam</li> <li>4)Mevada Gaurang Bhogilal</li> </ul>
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(57) Abstract :

The invention provides an explosion proof container with capacitive touch technology made of explosion proof material includes a main housing (1) and lid (2). The housing (1) has an accommodation place wherein an electronics circuit is disposed. The lid (2) is pivotally connected to the main housing (1) with an LN key operated screw (3). The lid (2) comprises a display circuit board (10) and a capacitive touch sense keyboard (11) disposed on the window glass (9). An electronic circuit disposed within the explosion proof main housing (1) contains SMPS unit (4) and CPU card unit (5). Said CPU card unit (5) contains microcontroller that controls the function of the display board (10) and the capacitive touch keyboard (11). Moreover, the CPU card (5) is also connected to external computer through an industrial communication protocol RS485 for projecting the parameter value of display circuit board (10) on said external computer.

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

#### (21) Application No.3170/MUM/2014 A

#### (19) INDIA

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

(54) Title of the invention · PRECISE LEVEL.

#### (43) Publication Date : 27/02/2015

(34) The of the invention . TRECISE EEVEE		
(51) International classification	:G02B27/64	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. VAIBHAV SANJAY PAWAR
(32) Priority Date	:NA	Address of Applicant : A/P:VAHAL, TAL-CHIPLUN,
(33) Name of priority country	:NA	DIST:RATNAGIRI-415641 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. VAIBHAV SANJAY PAWAR
(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 leveling device for measuring, transferring and setting horizontal lines in surveying Disclosed is a leveling device to measure, transfer and set horizontal lines in surveying, the leveling device comprising: a telescope being configured to sight a place to be leveled at desired station and to enable to take staff reading; a level tube being placed above and in parallel to the telescope, the level tube is configured to make axis of the telescope and a line of sight horizontal; a leveling unit being configured to adjust the leveling device to make the line of sight horizontal for any orientation of the telescope; a spindle to hold the telescope and level tube using a level bar, the spindle along with the level bar enables rotational motion of the telescope; a tripod stand for holding the leveling device at a convenient height of the user, the tripod stand comprises tripod head and wings nut arrangement, the tripod stand is fixed to the leveling unit at the tripod head; characterized in that a laser beam generating unit being placed in the wings nut arrangement of tripod stand and configured to generate laser beam and identify exact centre of the leveling device with help of laser beam; the leveling unit comprises three oil spring dampers being fixed on a fixing plate which are interconnecting to each other by pipe network. Under the surface tension phenomenon & property of hydraulic fluid, level the instrument above the spindle to see level; the telescope comprises an eyepiece, a LED light source to be placed in front of the eyepiece, a hair glass having radium measurement markings and an objective glass, the radium measurement markings on the hair glass configured to highlight reading from a staff through the objective glass to ensure accuracy in focusing and to get correct leveling readings.

No. of Pages : 23 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :30/10/2014

#### (43) Publication Date : 27/02/2015

	(71) Name of Applicant.
	(71)Name of Applicant :
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:B04C 9/00	Address of Applicant :Middle West Circle Road, Puyang
:201420059523.9	County, Henan Province, China
:02/07/2014	(72)Name of Inventor :
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:NA	2)Li Tianqing
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r :NA	5)Wang Yonghui
:NA	6)Xu Wei
:NA	7)Ma Huihui
:NA	8)Sun Ronghai
	9)Zhang Zhaohai
	10)Luo Xingyuan
	:201420059523.9 :02/07/2014 :China :NA :NA :NA :NA :NA :NA :NA

#### (54) Title of the invention : STEEL LADLE

#### (57) Abstract :

The present utility model discloses a steel ladle with a ladle wall that comprises, successively from outside to inside, a ladle case, an insulation layer, a permanent layer and a working layer, wherein the working layer in the slag zone comprises an outer layer and an inner layer which are separate from each other, and the outer layer is located between the inner layer and the permanent layer. The working layer in the slag zone has an overall thickness of D, a thickness of the outer layer of N, and a thickness of the inner layer of M, with N = 10%D-40%D and M = D-N. The present utility model can reduce the waste due to the replacement of the working lining bricks of the steel ladle, reduce the consumption of the refractory material, and therefore lower the cost of steelmaking, and at the same time ensure the safe use of the ladle.

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

(19) INDIA

(22) Date of filing of Application :10/02/2015

#### (54) Title of the invention : SYSTEM FOR ELECTRICAL FAULT DETECTION, INDICATION AND PROTECTION

<ul> <li>(51) International classification</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>	24/10 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAUCHALI ADNAN <ul> <li>Address of Applicant :102, AL-AQSA APT, KAUCHALI</li> </ul> </li> <li>PATEL MOHALLA, AT POST &amp; TALUKA KHED, DIST.</li> <li>RATNAGIRI - 415 709, MAHARASHTRA, INDIA</li> <li>2)KALSEKAR DANISH</li> <li>(72)Name of Inventor : <ul> <li>1)KAUCHALI ADNAN</li> <li>2)KALSEKAR DANISH</li> </ul> </li> </ul>
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#### (57) Abstract :

A system for electrical fault detection, indication and protection is disclosed. The system can be used to detect fault conditions in a circuit consisting of 3-phase 3- wire, 3-phase 4-wire, single-phase 2-wire, 2-phase<sup>TM</sup> 3-wire, and for motor protection. A microcontroller in the system receives sensor output signals, and analyzes the signals with respect to a plurality of trip setting values to determine a fault condition and thereby generate a trip signal, indication of the type of fault and alarm. The system of the present invention is able to distinguish between the different types of fault conditions and act accordingly, can operate over a broad range of load currents, is economical and combines the functions of residual current circuit breaker, arc fault, neutral to ground short, overvoltage, short-circuit, overload, phase drop outs, open neutral, undervoltage, and locked rotor circuit interrupters.

No. of Pages : 49 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : VEHICLE DETECTION SYSTEM AND METHOD. (51) International classification :G08G1/01 (71)Name of Applicant : 1)KPIT TECHNOLOGIES LTD. (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :35 & 36 RAJIV GANDHI INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE 411057, INDIA (33) Name of priority country :NA (86) International Application No Maharashtra India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)GOR SNEHAL** (61) Patent of Addition to Application Number :NA 2) BEERUKA, DARSHAN KUMAR Filing Date :NA (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

The present invention describes a vehicle detection system and method for detecting one or more vehicles in a dynamic varying region of interest (ROI). The system comprises a scene recognition module, a road topology estimation module, and a vehicle detecting module. The scene recognition module is configured for receiving either high exposure image or low exposure image for identifying condition of one or more scenes in a dynamically varying region of interest (ROI). The road topology estimation module configured for receiving either high exposure image or low exposure image or low exposure image or low exposure image or low exposure image for determining at least one of a curve, slope and vanishing point of a road in the dynamically varying region of interest (ROI). The vehicle detecting module is coupled with the scene recognition module and road topology module for detecting one or more vehicles on the road at night time.

No. of Pages : 62 No. of Claims : 17

(22) Date of filing of Application :02/02/2015

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : 'KARMANAAV' AN INSTRUMENT FOR DETECTION OF GEOELECTROMAGNETIC FIELD ABOVE GROUND WATER VEIN

(51) International classification:G01V 3/08(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(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NANDKUMAR POPATRAO DHARMADHIKARI Address of Applicant :176/4, HIND COLONY,</li> <li>TRIMURTINAGAR, BHEKRAINAGAR, A/P- PHURSUNGI,</li> <li>TAL-HAVELI, DIST-PUNE (MS) INDIA PIN-412308</li> <li>Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)NANDKUMAR POPATRAO DHARMADHIKARI</li> <li>2)AVINASH G. KHARAT</li> <li>3)CHANDRAKANT SHANKAR MAHAJAN</li> <li>4)MADHUKAR SANTOSH PATIL</li> <li>5)AISHWARYA BHIMRAJ GAWAND</li> <li>6)RAVIRAJ RAMESH SORATE</li> </ul>
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(57) Abstract :

an instrument for detection of geoelectromagnetic field above ground water vein in a built environment is invented. It consists of enclosed wooden box having plane polarized light and photodiode as detector. It also consists of angle measuring device to measure rotation of plane polarization. This instrument has been invented to further confirm the presence of ground water vein detected by dowsing and also to aid calculation of depth and flow of water.

No. of Pages : 6 No. of Claims : 3

(22) Date of filing of Application :09/12/2014

#### (54) Title of the invention : A PROCESS RELATED TO SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED SOLUTION FOR FURNITURE

<ul> <li>(51) International classification</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>	:B44C 3/12 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MR. GAURAV AGARWAL Address of Applicant :MHATRE PEN BUILDING, 'A' WING, 2ND FLOOR, S. B. MARG, DADAR (WEST), MUMBAI-400 028 Maharashtra India</li> <li>(72)Name of Inventor :</li> <li>1)MR. GAURAV AGARWAL</li> </ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process related to systems and methods for providing customized solution for furniture by combining the features of readymade furniture and completely knock down furniture by describing the parameters relates to:- i) Materials to be used. j) Size of board to be used k) Internal arrangement 1) Financial of the size of final items m) Customization according to the space available. n) Surface finish and colour. o) Final product p) Installation

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : COMPOSITION FOR RELIEVING PAIN, STRESS AND INSOMNIA

<ul> <li>(51) International classification</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>	:A61K6/00, A61K8/97, A61K36/76, A61K36 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Ashvany Kumar Bansal Address of Applicant :K-3, 27 &amp; 28, Spaghetti CHSL, Sector- 15, Kharghar, Navi Mumbai-410210, Maharashtra, India (72)Name of Inventor :</li> <li>1)Ashvany Kumar Bansal</li> </ul>
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#### (57) Abstract :

The present invention relates to a composition for relieving one or more of the conditions of pain, stress and insomnia comprising Brassica compestris, Bees wax and Dryobalanops camphora. The present invention also provides a formulation comprising the composition of the present invention as well as method for preparation thereof, uses thereof and method of treatment of one or more of the conditions of pain, stress and insomnia.

No. of Pages : 36 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :09/12/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A RAIL-TRACK SWITCHING SYSTEM FOR SWITCHING TRACK OF A RAIL GUIDED VEHICLE

(57) Abstract :

A rail-track switching system for switching rail guided vehicle from a first track to a second track, the rail-track switching system comprising a pair of stock rails fixed on a base, a pair of tongue rails slidably disposed between the pair of stock rails, a leading stretcher bar that is disposed between the pair of tongue rails and provided with a pair of clamping elements configured on an end portions of the leading stretcher bar for clamping the leading stretcher bar, and at least one following stretcher bar that comprises a pair of stretcher elements functionally coupled to each other and the tongue rails and adapted to move collectively together and independently relative to each other to change the longitudinal dimension of the following stretcher bar.

No. of Pages : 25 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :30/12/2014

#### (54) Title of the invention : AN ARRANGEMENT AND METHOD FOR REDUCING THE WEAR OF ROTOR AND ITS PARTS.

(57) Abstract :

A vertical shaft impact (VSI) crusher with a rotor (2) mounted on a shaft for accelerating flow of material to be crushed in a crushing chamber (7), a feed tube (3) through which the material to be crushed is passed vertically downwards into the rotor(2); a distribution plate (4) fixed rigidly at centre of the rotor (2) which, enables distribution of the material along circumference of the rotor(2); the feed tube (3) being placed at a predetermined height above the distribution plate (4) to allow the material to fall gently on the distribution plate (4); and an armor cone (5) covering the rotor for avoiding falling of rebounded crushed material on the rotor(2) and an armor ring (6) is provided to prevent wear of the rotor(2). The invention also provides for a method of reducing the wear of a rotor.

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

(22) Date of filing of Application :03/02/2015

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : INNOVATIVE LARGE SCALE PRODUCTION OF COST EFFECTIVE SANITARY PAD FOR HYGIENE OF RURAL WOMEN

(51) International classification	13/15	(71)Name of Applicant : 1)MISS PRUTHA PRASHANT JOSHI
(31) Priority Document No	:NA	Address of Applicant :A-2/2, SIDDHANT, JAYSHREE CO-
(32) Priority Date	:NA	OP SOCIETY, KATHE LANE, DWARKA, NASHIK-422011,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	2)MISS AALOKA S. KOTWAL
Filing Date	:NA	3)MR. PRATHAMESH H. BORKAR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MISS PRUTHA PRASHANT JOSHI
Filing Date	:NA	2)MISS AALOKA S. KOTWAL
(62) Divisional to Application Number	:NA	3)MR. PRATHAMESH H. BORKAR
Filing Date	:NA	

#### (57) Abstract :

Menstrual hygiene management is a big problem for women in villages as the sanitary pads are expensive. An average pack of 8 is significantly expensive for females coming from low income families, which has caused women and girls to resort to unhealthy ways such as using grass and cow dung for managing their menstruation, which exposes them to infections. The design was based on the substitution of core material used for making of conventional sanitary pads with more absorbent jute linters which otherwise is regarded as waste. To resolve the infection problem with bacteria during the menstruation, the core layer is padded with aloevera (which is inherently antibacterial). In our invention, an attempt has been made to design low cost sanitary napkins by utilizing maximum benefit out of regular cheaper products. The process has been described for the large scale production of 1000 packets (8 pads per pack) per day.

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

#### (19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A METHOD AND A SYSTEM THEREOF FOR PROVIDING CLOSE TO ZERO REACTIVE POWER PASSIVE CURRENT HARMONIC FILTER FOR NON-LINEAR LOADS

(51) International classification	:H02J3/01, Y02E40/40	(71)Name of Applicant : 1)Shreem Electric Limited
(31) Priority Document No	:NA	Address of Applicant :Plot No. 43-46, L. K. Akiwate
(32) Priority Date	:NA	Industrial Estate, Jaysingpur (Dist. Kolhapur), MH India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vilas Rajaram Kanetkar
(87) International Publication No	: NA	2)Kumar Eknath Shinde
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention provides a method and a system thereof for providing Zero Reactive Power Passive Current Harmonic Filter (ZRPPCHF) for a non-linear load. The method and the system thereof having steps of identifying supply voltage and frequency. Thereafter, obtaining Short Circuit Capacity and hence a Short Circuit Inductance of an electric supply at the point of PCC (Point of Common Coupling), and details of non-linear load which includes VA/kVA, Watts/kW, VAr/kVAr and current harmonics produced by the non-linear load. Further, identifying Short Circuit Current to Rated Load Current Ratio (SCR). Then identifying specified current harmonic and voltage harmonic distortion of the electric supply. Thereafter, deriving filter error impedance to achieve specified current harmonic distortion. Further, configuring a filter system in parallel with the non-linear load for absorbing current harmonics from the non-linear load, wherein the difference between nth harmonic filter impedance error is 1/20th of that of Short Circuit Impedance for the nth harmonic. At last, configuring an additional very low frequency parallel filter (Li and Ci) to compensate fundamental capacitive reactive power absorbed by the filter system configured for absorbing non-linear load current harmonics.

No. of Pages : 50 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :25/06/2014

#### (54) Title of the invention : EMG BASED WIRELESS ASSISTIVE PORTABLE 3 FINGER ROBOTIC HAND

Old Bye Pass Road, Amravati-444606 Maharashtra India (72)Name of Inventor : 1)Sumit Arun Raurale

#### (57) Abstract :

Present invention provides specially a portable device that feasibly assist the robotic hand prosthesis movement<sup>™</sup>s like opening and closing of hand, extension and flexion of wrist, extension and flexion of elbow; which offers more mobility to the disabled hand persons without the need of complex array of sensing electrodes, mathematical transformation and computer processing. So to increase the effectiveness of hand prostheses, it consider the surface myoelectric (EMG) signals which are further used as a control signal of the human active hand movements for assistive robotic hand. For daily living hand activity, we use only the three fingers viz. the thumb, index and middle finger for maximum working tasks, so we have built the three fingers prosthesis controlled robotic hand. In this, we have developed a wireless prosthesis robotic hand movements which can be operated in real time assessment with high accuracy. Also for developing a portable and economical model, only three electrodes are been used for acquisition of EMG signal and the EMG signal processing is done with the ATmega16 controller which has removed the computer module from the system and make our system a compact, portable and cost efficient system. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the schematic block diagram of the present invention.

No. of Pages : 22 No. of Claims : 8

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

#### (22) Date of filing of Application :17/02/2015

#### (43) Publication Date : 27/02/2015

### (54) Title of the invention : NEURAL NETWORK BASED HIGH SPEED COMPOUND IMAGE COMPRESSION SYSTEM BASED ON DWT COEFFICIENTS

(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)PROF. (DR.) JAGADEESH KUMAR Address of Applicant :JIS COLLEGE OF ENGINEERING, KALYANI, NADIA - 741235, WEST BENGAL, INDIA.</li> <li>2)INDRANIL SARKAR</li> <li>3)SUKANYA BANERJEE</li> <li>(72)Name of Inventor :</li> <li>1)PROF. (DR.) JAGADEESH KUMAR</li> </ul>
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#### (57) Abstract :

This invention relates to a neural network based high speed compound Image compression systemand in particular, this invention relates to the neural network based high speed compound Image compression system based on DWT coefficients. More particularly, this present invention also relates to neural network based high speed compound Image compression systemto maximize the precision and recall rate of the classification algorithm, while at the same time minimizing the execution and training time of the neural network.

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

#### **Publication After 18 Months:**

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

(12) PATENT APPLICATION PUBLICATION	(21) Application No.11/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :03/01/2014	(43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD FOR PREPARING CELLULOSE ETHER HAVING LOW DEGREE OF POLYMERIZATION AND CELLULOSE ETHER PREPARED THEREBY

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:2013- 002076	1)SHIN-ETSU CHEMICAL CO., LTD. Address of Applicant :6-1, Otemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:09/01/2013	Tokyo, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NARITA, Mitsuo
Filing Date	:NA	2)NISHIYAMA, Yuichi
(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 :

Provided are a method for preparing a cellulose ether having a low degree of polymerization and undergoing less yellowing and a cellulose ether prepared thereby. More specifically, provided is a method for preparing a cellulose ether having a low degree of polymerization, the method comprising a step of bringing pulp and an alkali metal hydroxide solution into contact with each other or mixing them to obtain a corresponding alkali cellulose, a first depolymerization step of reacting the alkali cellulose with oxygen to adjust a viscosity reduction percentage of the alkali cellulose to from 10 to 95%, a step of reacting the depolymerized alkali cellulose with an etherifying agent, a step of washing and drying the reaction product to obtain a cellulose ether, and a second depolymerization step of bringing the cellulose ether into contact with hydrochloric acid to adjust a viscosity reduction percentage of the cellulose ether for musicing the depolymerization percentage of bringing the reaction product to obtain a cellulose ether, and a second depolymerization step of bringing the cellulose ether into contact with hydrochloric acid to adjust a viscosity reduction percentage of the cellulose ether to from 40 to 99.9%.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A NOVEL FLY ASH BASED ZEOLITIC EXTENDER PIGMENT FOR USE AS ANTI-CORROSIVE ADDITIVE IN PAINTS

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANGEETA TIWARI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel modified zeolitic extender pigment from industrial waste that can be used in anticorrosive paints. Fly ash, an industrial waste from thermal power stations has been modified by alkali fusion followed by hydrothertmal treatment to obtain a nanosized mesoporous material. Metal ions specific for corrosion protection were incorporated in its structure. The modified fly ash based material when used in paints as an extender, exhibited significant anticorrosive properties.

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

(54) Title of the invention : NANOPARTICLE TUMOUR VACCINES

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:61/531730 :07/09/2011 :U.S.A. :PCT/EP2012/067579 :07/09/2012 :WO 2013/034741	<ul> <li>(71)Name of Applicant :</li> <li>1)MIDATECH LIMITED Address of Applicant :4 &amp; 5 Dunmore Court Wootton Road </li> <li>Abingdon Oxford Oxfordshire OX13 6BH U.K. 2)IMMUNOTOPE INC. (72)Name of Inventor : 1)RADEMACHER Thomas 2)PHILIP Ramila</li></ul>
	:PCT/EP2012/067579	6
Filing Date	:07/09/2012	
(87) International Publication No	:WO 2013/034741	*
(61) Patent of Addition to Application	:NA	2)PHILIP Ramila
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

THE PRESENT INVENTION PROVIDES A VACCINE FOR THE PROPHYLACTIC OR THERAPEUTIC TREATMENT OF A TUMOUR IN A MAMMALIAN SUBJECT AS WELL AS METHODS OF USING THE VACCINE INCLUDING IN TREATMENT OF TUMOURS AND IN GENERATING A CTL RESPONSE. THE VACCINE COMPRISES A PLURALITY OF NANOPARTICLES AND A PHARMACEUTICALLY ACCEPTABLE CARRIER SALT OR DILUENT. THE NANOPARTICLES COMPRISE A CORE COMPRISING A METAL AND/OR A SEMICONDUCTOR ATOM; AND A CORONA COMPRISING A PLURALITY OF LIGANDS COVALENTLY LINKED TO THE CORE WHEREIN AT LEAST A FIRST LIGAND OF SAID PLURALITY COMPRISES A CARBOHYDRATE MOIETY THAT IS COVALENTLY LINKED TO THE CORE VIA A FIRST LINKER AND WHEREIN AT LEAST A SECOND LIGAND OF SAID PLURALITY COMPRISES AN EPITOPIC PEPTIDE THAT IS COVALENTLY LINKED TO THE CORE VIA A SECOND LINKER SAID SECOND LINKER COMPRISING A PEPTIDE PORTION AND A NON PEPTIDE PORTION WHEREIN SAID PEPTIDE PORTION COMPRISES THE SEQUENCE XXZ WHEREIN: X IS AN AMINO ACID SELECTED FROM A AND G; X IS AN AMINO ACID SELECTED FROM A AND G; AND Z IS AN AMINO ACID SELECTED FROM Y AND F AND WHEREIN SAID EPITOPIC PEPTIDE FORMS AT LEAST A PORTION OF OR IS DERIVED FROM A TUMOUR ASSOCIATED ANTIGEN (TAA).

No. of Pages : 100 No. of Claims : 63

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 27/02/2015

#### :G10L21/00, (71)Name of Applicant : 1)KATES, Lawrence (51) International classification G10L11/00, Address of Applicant :1111 Bayside Drive, Corona Del Mar, G10L21/06 (31) Priority Document No California 92625, U.S.A. :11/041,166 (32) Priority Date (72)Name of Inventor : :21/01/2005 (33) Name of priority country :U.S.A. 1)KATES, Lawrence (86) International Application No :PCT/US2005/046246 Filing Date :20/12/2005 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :5254/DELNP/2007 Filed on :06/07/2007

#### (54) Title of the invention : MANAGEMENT AND ASSISTANCE SYSTEM FOR THE DEAF

(57) Abstract :

A computer-aided communication and assistance system that uses a signal processing and other algorithms in a processor in wireless communication with a microphone system to aid a deaf person. An instrumented communication module receives information from one or more microphones and provides textual and, optionally, stimulatory information to the deaf person. In one embodiment, a microphone is provided in a piece of jewelry or clothing. In one embodiment, a wireless (or wired) earpiece is provided to provide microphones and vibration stimulators.

No. of Pages : 34 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/01/2014

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:2013- 005125	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:16/01/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MATSUMOTO, Kei
Filing Date	:NA	2)SHIBATA, Koichi
(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 : VEHICULAR AIR CONDITIONER CONTROL DEVICE

(57) Abstract :

There is provided a vehicular air conditioner control device. Creep torque generation means is configured to generate driving torque for moving a vehicle even when an internal combustion engine is at an idling state. An air conditioner is configured to be driven with using power generated from the internal combustion engine. Air conditioner control means is configured to control an operating state of the air conditioner. Brake negative pressure detection means is configured to detect a negative pressure amount of a brake. The air conditioner control means stops the air conditioner when the brake negative pressure amount detected by the brake negative pressure detection means is lower than a predetermined value and the driving torque is generated by the creep torque generation means to start moving the vehicle by the generated driving torque.

No. of Pages : 19 No. of Claims : 2

(19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INTRODUCING LONGER PAGING CYCLES IN A CELLULAR NETWORK 

:NA :NA :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Telefonaktiebolaget LM Ericsson (Publ) Address of Applicant :SE-164 83 Stockholm (SE) Sweden</li> <li>(72)Name of Inventor :</li> <li>1)SCHLIWA-BERTLING, Paul</li> <li>2)BALLAKUR, Ravitej</li> <li>3)DAS, Sajal Kumar</li> <li>4)DIACHINA, John Walter</li> <li>5)SUNDBERG, Mrten</li> </ul>
:NA :NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention relates to a method and apparatus to reduce power usage in a terminal or mobile station (MS), comprising performing wake-up and synchronization operations according to a long DRX period.

No. of Pages : 13 No. of Claims : 7

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

(22) Date of filing of Application :23/08/2013

#### (43) Publication Date : 27/02/2015

### (54) Title of the invention : MEDIA FOR IN VITRO DISSOLUTION TESTING OF POLYSACCHARIDE BASED COLON TARGETED FORMULATIONS AND METHOD THEREOF

(51) International classification	·\61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MITTAL AMAN
(32) Priority Decument No	:NA	Address of Applicant :Deputy Director Lovely Professional
(32) Name of priority country	:NA	University (LPU) Phagwara-144411 PUNJAB India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Goud Niranjan Kotla
(87) International Publication No	: NA	2)Gulati Monica
(61) Patent of Addition to Application Number	:NA	3)Singh Sachin Kumar
Filing Date	:NA	4)Basotra Mohit
(62) Divisional to Application Number	:NA	5)Chaudhary Yashwant
Filing Date	:NA	

#### (57) Abstract :

The present invention discloses a novel, probiotic based dissolution media for in vitro testing of drug release from colon specific polysaccharide based formulations comprising a mixture of nutrition sources and specific polysaccharide digesting microbe(s) added externally. During testing, buffering salts are added to the media. In a preferred embodiment, the invention comprises 5 % w/v of Grade A honey, 12 % w/v reconstituted nonfat dry milk power (NDM) and 2 % w/v of the probiotics Bifidobacterium longum, Bifidobacterium bifidum (0.24 billion CFU or colony forming units each) and Sachharomyces boulardi (0.05 billion CFU) in sterile water to which buffering salts are added during testing. Release profile in media of present invention is similar to that obtained using media containing rat cecal contents. The invention thus offers a reliable and economical method for testing of colon specific polysaccharide based formulations, without sacrifice of animals.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : NOVEL COMPOSITION FOR PREPARING POLYSACCHARIDE FIBERS

(51) International classification	:D01F9/00,C08L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/543423	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:05/10/2011	Address of Applicant :1007 Market Street Wilmington DE
(33) Name of priority country	:U.S.A.	19899 U.S.A.
(86) International Application No	:PCT/US2012/058850	(72)Name of Inventor :
Filing Date	:05/10/2012	1)OBRIEN John P.
(87) International Publication No	:WO 2013/052730	2)OPPER Kathleen
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

THIS INVENTION PERTAINS TO A NOVEL PROCESS FOR PREPARING FIBERS FROM POLY(A(1,3) GLUCAN). THE FIBERS PREPARED ACCORDING TO THE INVENTION HAVECOTTON LIKE PROPERTIES ARE USEFUL IN TEXTILE APPLICATIONS AND CAN BE PRODUCED AS CONTINUOUS FILAMENTS ON A YEAR ROUND BASIS. THE PROCESS COMPRISES SOLUTION SPINNING FROM A NOVEL SOLUTION OF POLY(A(1,3) GLUCAN) IN A MIXTURE OF WATER AND N METHYLMORPHOLINE N OXIDE FOLLOWED BY COAGULATION IN A LIQUID COAGULANT THAT COMPRISES A LIQUID THAT IS NOT WATER.

No. of Pages : 43 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :03/04/2014

(21) Application No.2645/DELNP/2014 A

(43) Publication Date : 27/02/2015

# (54) Title of the invention : A STEAM METHANE REFORMING METHOD (51) International classification :C01B3/00 (71)Name of Applicant :

(51) International etassification	.00105/00	(, i): tame of inpplication
(31) Priority Document No	:10/990,485	1)PRAXAIR TECHNOLOGY, INC.,
(32) Priority Date	:18/11/2004	Address of Applicant :39 Old Ridgebury Road, Danbury, State
(33) Name of priority country	:U.S.A.	of Connecticut 06810-5113, United States of America,
(86) International Application No	:PCT/US2005/040336	(72)Name of Inventor :
Filing Date	:07/11/2005	1)RAYMOND FRANCIS DRNEVICH
(87) International Publication No	: NA	2)VASIIS PAPAVASSILIOU
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:3456/DELNP/2007	
Filed on	:09/05/2007	

#### (57) Abstract :

A steam methane reforming method comprising: heating a feed stream comprising hydrocarbons, sulfur compounds and hydrogen to a temperature of no greater than 600 C; producing an intermediate product stream by catalytically reacting said hydrogen with the hydrocarbons and the sulfur compounds without oxygen so that the intermediate product stream contains saturated hydrocarbons and hydrogen sulfide formed from hydrogenation of the hydrocarbons and the sulfur compounds, respectively, the heating of the feed stream and/or the hydrogenation of the hydrocarbons being sufficient to produce the intermediate product stream at a temperature of greater than 400 C or alternatively, catalytically reacting oxygen, steam and the hydrocarbons, the hydrogen and the sulfur compounds contained within the feed stream so that the intermediate product stream contains additional hydrogen and carbon monoxide produced by reaction of the oxygen, steam and hydrocarbons and hydrogen sulfide produced by conversion of the sulfur compounds, the oxygen being present in a sufficient amount that the intermediate produced stream is produced at a temperature of between 500 C and 860 C and at steam to carbon and oxygen to carbon ratios being selected to control an amount of moles of the additional hydrogen produced and at less than 0.5 and less than 0.25, respectively;

No. of Pages : 46 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : TUNABLE LED BASED ELECTROPHORESIS COUPLED GEL DOCUMENTATION 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></ul>	:G01N :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BHARDWAJ SANJEEV KUMAR</li> <li>Address of Applicant :AD-23, HMT Colony, PINJORE -</li> <li>134101 Distt. Panchkula Haryana INDIA</li> </ul>
<ul><li>(86) International Application No Filing Date</li></ul>	:NA :NA	2)NEHA (72)Name of Inventor :
(87) International Publication No	: NA	1)BHARDWAJ SANJEEV KUMAR
(61) Patent of Addition to Application Number	:NA	2)NEHA
Filing Date	:NA	3)DAHIYA SWATI
(62) Divisional to Application Number	:NA	4)TRIPATHI CHANDRA CHARU
Filing Date	:NA	

(57) Abstract :

The present invention discloses a real-time observable electrophoresis coupled gel-doc system in which visualization of samples using different dyes is possible within the same system, owing to presence of a tunable LED, which emits nearly monochromatic light adjusted to absorption frequency of dyes by appropriately controlling the supply voltage. The invention minimizes the noise and hence improved band visualization due to fine tuning of the wavelength of excitation source for visualization of DNA/RNA and protein bands in contrast to broad source employed in prior art system. Different dyes can be used using a single electrophoresis system, since the excitation source is tunable. By use of image processing /enhancement algorithm which includes background subtraction, contrast enhancement, edge detection and segmentation DNA band can easily be enhanced.

No. of Pages : 17 No. of Claims : 7

(19) INDIA

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

#### (43) Publication Date : 27/02/2015

(51) International classification	:G03B17/14,H04N5/225	(71)Name of Applicant :
(31) Priority Document No	:2011198422	1)NIKON CORPORATION
(32) Priority Date	:12/09/2011	Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008331 Japan
(86) International Application No	:PCT/JP2012/073372	(72)Name of Inventor :
Filing Date	:12/09/2012	1)IMAFUJI Kazuharu
(87) International Publication No	:WO 2013/039120	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : EXCHANGEABLE LENS

(57) Abstract :

An exchangeable lens is provided with: an attachment part capable of attaching to a camera body; a photographing optical system including a plurality of driven members for which the state of being driven changes; a driven information transmission unit for transmitting multiple driven information items pertaining to the location of the plurality of driven members to the camera body; according to a clock signal outputted by the camera body; and a type information transmission unit for transmitting type information via a first transmission unit that represents the type of driven information that the driven information transmission unit is capable of transmitting. Therein the driven information transmission unit transmission unit differing therefrom.

No. of Pages : 40 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 27/02/2015

(71)Name of Applicant :
1)FALLSAFE LIMITED
Address of Applicant :17 Belmont, Lansdowne Road, Bath
BA1 5DZ, Great Britain U.K.
/001862 (72)Name of Inventor :
1)Elwyn, Julian, RENTON
2)Mence, Thomas, Peter, NOTT
/2006

#### (54) Title of the invention : PERSONAL HEIGHT RESCUE APPARATUS

(57) Abstract :

There is provided height rescue apparatus comprising a load element 101 which is to be attached to a safety line which in turn can be attached to a secure anchorage. The load element is attached to an elongate element 85 which is wound on a drum 90. The drum 90 is held against rotation by a releasable stop 104 which can be released after a fall has been arrested so that a speed control means can control the rate of deployment of the elongate element stored within the casing 86 and thus control the descent of a user 1. The portion of the elongate element between the load element and the drum has a greater strength than the remainder of the elongate element coiled on the drum.

No. of Pages : 74 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:A01K89/027	(71)Name of Applicant :
(31) Priority Document No	:61/573522	1)KENDRA Mark Frances
(32) Priority Date	:08/09/2011	Address of Applicant :50 Alphano Road Great Meadows NJ
(33) Name of priority country	:U.S.A.	07838 U.S.A.
(86) International Application No	:PCT/US2012/054379	(72)Name of Inventor :
Filing Date	:10/09/2012	1)KENDRA Mark Frances
(87) International Publication No	:WO 2013/036903	
(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 : FISHING REEL WITH A 180 DEGREE ROTATING SPOOL

(57) Abstract :

The present invention provides a fishing reel that allows the caster to cast from either side of the spool or an in line position. Starting from a spool position with the line on the spool in the same direction as the retrieve referred to as the in line position the line can be cast from this position or the spool can be rotated 90 degrees in either direction from the in line position for the cast. After the spool is rotated the cast is discharged from the side of the spool in a direction perpendicular to the line on the spool. After the cast the spool is returned to the starting position of the in line position with the line on the spool in the same direction as the retrieve. The line is then retrieved by turning a handle connected to a series of gears that engage the spool and thereby reel in the line.

No. of Pages : 18 No. of Claims : 20

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : THERMOCHROMIC WINDOW

(57) Abstract :

A thermochromic window that can effectively insulate heat when warming is conducted in winter. The thermochromic window that includes a substrate, a thermochromic thin film formed on the substrate, and a transparent conductivefilm formed on at least one surface of the upper surface and the undersurface of the thermochromic thin film. The emissivity of the transparent conductive film is lower than the emissivity of the thermochromic thin film.

No. of Pages : 17 No. of Claims : 13

### (19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SPRAY MODULAR EV	APORATOR	
<ul> <li>(51) International classification</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>	:B01D :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)VEVEK VERMA Address of Applicant :HOUSE NO. 485, SECTOR-8, PANCHKULA-134108, HARYANA, INDIA. </li> <li>(72)Name of Inventor : 1)VERMA, VIVEK </li> </ul>

(57) Abstract :

The spray modular evaporator comprising of plate heat exchanger with entrainment separator equipped vertically in a novel configuration forming a unique multi-effect evaporator to utilize the waste and low temperature vapours or steam of steam turbines, pans & evaporators in sugar, food, process, power plant and other processing industries or any degraded vapours form any process. The spray modular evaporator arranged for expanding heating surface by joining each effect or more effects in series or parallel combination for expanding in the same effect or combinations for additional effects without use of vapour piping and pumping.

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

(22) Date of filing of Application :21/08/2013

### (43) Publication Date : 27/02/2015

# (54) Title of the invention : NANOSILVER NANO HYDROGEL PRODUCT AS ANTIMICROBIAL COATING AND ADDITIVE MATERIALS FOR HEALTHCARE DEVICES

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :Block 2, 7th Floor, CGO Complex,
(33) Name of priority country	:NA	Lodi Road, New Delhi -110 003, India Delhi India
(86) International Application No	:NA	2)INDIAN INSTITUTE OF TECHNOLOGY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Bhuvanesh Gupta
(61) Patent of Addition to Application Number	:NA	2)Alok R Ray
Filing Date	:NA	3)Arti Kapil
(62) Divisional to Application Number	:NA	4)Sadiya Anjum
Filing Date	:NA	5)Deepti Gautam

(57) Abstract :

This invention relates to a process for the preparation of a nano-silver-nanohydrogel comprising the steps of preparing an aqueous silver nitrate solution and adding a monomer thereto followed by thorough mixing to obtain a nanoemulsion, adding a surfactant to the nanoemulsion to obtain a stabilized nanoemulsion, separately mixing a surfactant with an organic solvent and an initiator to obtain the oil phase, mixing the nanoemulsion with the oil phase to obtain a solution, subjecting the solution to polymerization followed by irradiation, adding a solvent thereto to obtain the nanosilver-nanohydrogel nSnH.

No. of Pages : 37 No. of Claims : 14

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : METHOD FOR PRODUCING 3 MENTHOXY PROPANOL AND COMPOSITION FOR IMPARTING COOLING SENSATION

<ul> <li>(51) International classification</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/JP2012/006280 :01/10/2012 :WO 2013/061515 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TAKASAGO INTERNATIONAL CORPORATION Address of Applicant :37 1 Kamata 5 chome Ohta ku Tokyo 1448721 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TANAKA Shigeru</li> <li>2)ISHIDA Kenya</li> </ul>
Filing Date	:NA	

### (57) Abstract :

The present invention provides: a composition for imparting a cooling sensation which contains 3 menthoxy propanol; and a method for producing 3 menthoxy propanol with high selectivity and high yield using 3 menthoxy 1 2 epoxypropane as a starting material. [Solution] The present invention relates to: a method for producing 3 menthoxy propanol with high selectivity and high yield by performing catalytic hydrogenation of 3 menthoxy 1 2 epoxypropane in the presence of a heterogeneous metal catalyst such as a cobalt catalyst a ruthenium catalyst or a nickel catalyst; and an excellent composition for imparting a cooling sensation which contains a mixture of 3 menthoxy 1 propanol and 1 menthoxy 2 propanol.

No. of Pages : 31 No. of Claims : 7

### (19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PRODUCTION OF A LAMINATED GLASS PANEL

<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> </ul>	:B32B17/10,B60J7/043,C03B23/00 :1159322 :14/10/2011 :France :PCT/FR2012/052329 :12/10/2012 :WO 2013/054059 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 Avenue dAlsace F 92400</li> <li>Courbevoie France</li> <li>(72)Name of Inventor :</li> <li>1)BERARD Stphane</li> <li>2)HENNION Alexandre</li> <li>3)FREBOURG Philippe</li> </ul>
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract :

The present invention relates to a method for manufacturing a laminated glass panel which includes at least two glass substrates and at least one intermediate layer made of a polymeric material arranged between the substrates the method including the bending of the substrates the controlled cooling of the substrates and the assembly of the glass substrates and the intermediate layer characterised in that it includes the following steps in the following order: the bending of the substrates; the controlled cooling of the substrates; and the formation of a laminated assembly that includes the substrates and the intermediate layer; the cutting of the laminated assembly straight through the entire thickness thereof along a line on one of the main surfaces thereof the controlled cooling including general controlled cooling and local controlled cooling of an area that includes the cutting line the local controlled cooling being faster than the general controlled cooling.

No. of Pages : 33 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : DNA BASED DIAGNOSTICS FOR IDENTIFICATION OF CITRUS ROOTSTOCK CULTIVARS

(51) International classification	-	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ICAR, Krishi Bhavan, New Delhi 110
(33) Name of priority country	:NA	001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASWATH C
(87) International Publication No	: NA	2)LAKSHMANA REDDY D C
(61) Patent of Addition to Application Number	:NA	3)A. K. DAS
Filing Date	:NA	4)N. VIJAYAKUMARI
(62) Divisional to Application Number	:NA	5)I. P. SINGH
Filing Date	:NA	6)V.J. SHIVANKAR

(57) Abstract :

Rootstocks usages in perennials are prominent as also in citrus. Rangapur lime, Rough lime and Galgal are three important rootstocks used in citrus nursery industry. Selection of preferred rootstocks is therefore important in citrus industry and most of the citrus orchards need to validate rootstocks types due to use of galgal rootstocks. The present disclosure provides two genomic loci specific SCAR primers developed from RAPD and SRAP primers for identification and differentiation of citrus rootstocks. The present disclosure also relates to method of identifying Citrus DNA sequence as well as PCR reaction mixtures and kits for identification and amplification of Citrus DNA sequences and certifying the rootstock used in citrus industry.

No. of Pages : 46 No. of Claims : 10

## (22) Date of filing of Application :29/01/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : LOCOMOTIVE EXHAUST GAS ANALYTICAL ATTACHMENT AND LOCOMOTIVE EXHAUST GAS ANALYSIS SYSTEM

(51) International classification	:G01M	(71)Name of Applicant :
(31) Priority Document No	:2013- 017577	1)HORIBA, Ltd. Address of Applicant :2, Miyanohigashi-cho, Kisshoin,
(32) Priority Date	:31/01/2013	Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ITO, Makoto
Filing Date	:NA	2)HIRAI, Seiji
(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 is intended to facilitate installation of a sampling tube in an exhaust pipe of a locomotive and surely enable sampling and analysis of exhaust gas from an engine mounted on the locomotive without preventing an operation of the engine, and the present invention includes a tubular connecting member 21 which is connected to an opening end 13x of the exhaust pipe 13 provided in the locomotive 10, wherein the connecting member 21 has a cross-sectional shape of a flow path which is substantially equal to an opening shape at the opening end 13x of the exhaust pipe 13. And a sampling tube 22 for sampling the exhaust gas discharged from the exhaust pipe 13 is provided in the connecting member 21.

No. of Pages : 25 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:H01R13/629,H01R13/639	(71)Name of Applicant :
(31) Priority Document No	:13/228331	1)ZONIT STRUCTURED SOLUTIONS
(32) Priority Date	:08/09/2011	Address of Applicant :1790 30th Street #140 Boulder
(33) Name of priority country	:U.S.A.	Colorado 80301 U.S.A.
(86) International Application No	:PCT/US2012/054518	(72)Name of Inventor :
Filing Date	:10/09/2012	1)PACHOUD William
(87) International Publication No	:WO 2013/036966	2)CHAPEL Steve
(61) Patent of Addition to Application	:NA	3)REAVES Martin S.
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	::NA	
Filing Date	:NA	

### (54) Title of the invention : SECURE ELECTRICAL RECEPTACLE

(57) Abstract :

A method and apparatus (utility) for securing an electrical connection formed by a mating structure including prongs of a male assembly and receptacles of a female assembly are provided. The utility includes a clamping mechanism whereby the very forces that would otherwise tend to pull the connection apart serve to actuate the clamping mechanism thereby securing the mated pair. The apparatus may be integrated into a standard receptacle or retrofitted to work with existing devices. In one embodiment the clamping mechanism acts solely on the ground prong of a standard plug assembly so that it is unnecessary to consider electrical potentials applied to the clamped prong in relation to the design of the clamping mechanism. Further the withdrawing movement of the prongs of a plug may be translated into a rotational movement of a portion of the clamping mechanism into an abutting relationship with the clamped prong.

No. of Pages : 90 No. of Claims : 53

(54) Title of the invention : ON GROUND DEVICE FOR TRAIN CONTROL SYSTEM

(19) INDIA

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

(43) Publication Date : 27/02/2015

### (51) International classification :B61L23/16,B61L3/12 (71)Name of Applicant : (31) Priority Document No 1)THE NIPPON SIGNAL CO. LTD. :2011217316 (32) Priority Date Address of Applicant :5 1 Marunouchi 1 chome Chivoda ku :30/09/2011 (33) Name of priority country Tokvo 1006513 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/074418 1)TAKAHASHI Masahide Filing Date :24/09/2012 (87) International Publication No :WO 2013/047448 2)HASHIMOTO Naoto (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

PROVIDED IS AN ON GROUND DEVICE WITH WHICH IT IS POSSIBLE TO ASCERTAIN THE POSITION OF EACH TRAIN AND TRANSMIT TRAIN CONTROL SIGNALS TO THE TRAINS EVEN IF TRAINS EQUIPPED WITH ON VEHICLE DEVICES COMPATIBLE WITH DIFFERENT TRAIN CONTROL SYSTEMS ARE TRAVELLING ON THE SAME RAIL LINE (REGION). AN ON GROUND DEVICE (1) RECEIVES A TRAIN DETECTION SIGNAL (TD SIGNAL) FROM A TRAIN EQUIPPED WITH AN ATC/TD ON VEHICLE DEVICE BY MEANS OF LOOP COILS (2 TO 2) AND RECEIVES A TRAIN POSITION SIGNAL FROM A TRAIN EQUIPPED WITH A CBTC ON VEHICLE DEVICE BY MEANS OF RAILROAD RADIOS (6 TO 6). THE ON GROUND DEVICE (1) ASCERTAINS THE POSITION OF EACH TRAIN TRAVELING ALONG A ROUTE (R) ON THE BASIS OF THE INPUTTED TRAIN DETECTION SIGNAL AND THE TRAIN POSITION SIGNAL GENERATES A SET OF CONTROL INFORMATION FOR EACH TRAIN ON THE BASIS OF THE ASCERTAINED TRAIN POSITIONS AND CONVERTS THE CONTROL INFORMATION INTO ATC AND CBTC SIGNALS. THE ATC SIGNAL IS TRANSMITTED TO THE LOOP COILS (2 TO 2) BY MEANS OF AN INFORMATION TRANSMISSION UNIT (4) AND THE CBTC SIGNAL IS TRANSMITTED BY MEANS OF THE RAILROAD RADIOS (6 TO 6).

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

### (19) INDIA

(22) Date of filing of Application :03/01/2014

(54) Title of the invention : SWING AR	M FOR MOTORCYCLE	
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(22) No. 10 (1970)</li> </ul>	:2013-093987 :26/04/2013	<ul> <li>(71)Name of Applicant :</li> <li>1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,</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>	:Japan :NA :NA : NA	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (72)Name of Inventor : 1)Satoshi YAMADA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Left-and-right pipe members each include a bent part bending in a vehicle body inner side direction at an intermediate position in a longitudinal direction, and flat surface parts at upper and lower surfaces and an internal surface. A joint member is provided to overlap with the bent part of at least either one of the left-and-right pipe members, one of upper and lower surfaces of the joint member overlapping with the bent part is joined to one of upper and lower corner parts of the pipe member so as to be aligned with the one of the upper and lower surfaces of the pipe member in an upper and lower direction, and the other of the upper and lower surfaces of the joint member is joined to the other of the upper and lower surfaces of the pipe member in a mode overlapping in the upper and lower direction.

No. of Pages : 32 No. of Claims : 3

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CONVERSION OF SULFURIC ACID ALKYLATION UNITS FOR IONIC LIQUID CATALYZED ALKYLATION PROCESSES

Filing Date       :22/06/2012         (87) International       :WO 2013/039584         Publication No       :NA         (61) Patent of Addition to       :NA         Application Number       :NA         Filing Date       :NA         (62) Divisional to       :NA         Application Number       :NA         Filing Date       :NA         Filing Date       :NA	<ul> <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> </ul>	:C07C303/42,C07C309/02,C07C7/20 :13/230767 :12/09/2011 :U.S.A. :PCT/US2012/043809 :22/06/2012 :WO 2013/039584 :NA :NA :NA	<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)CLEVERDON Robert Fletcher</li> <li>2)PHILLIPS Christine Marie</li> <li>3)TIMKEN Hye Kyung Cho</li> </ul>
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(57) Abstract :

METHODS FOR CONVERTING AN HSO ALKYLATION UNIT TO AN IONIC LIQUID ALKYLATION SYSTEM CONFIGURED FOR PERFORMING IONIC LIQUID CATALYZED ALKYLATION PROCESSES MAY COMPRISE CONNECTING AT LEAST ONE COMPONENT CONFIGURED FOR IONIC LIQUID CATALYZED ALKYLATION TO AT LEAST ONE COMPONENT OF THE HSO ALKYLATION UNIT WHEREIN THE AT LEAST ONE COMPONENT OF THE HSO ALKYLATION UNIT IS RETAINED MODIFIED OR ADAPTED FOR USE IN THE IONIC LIQUID ALKYLATION SYSTEM. IONIC LIQUID CATALYZED ALKYLATION SYSTEMS DERIVED FROM EXISTING CONVENTIONAL ALKYLATION UNITS AND IONIC LIQUID CATALYZED ALKYLATION PROCESSES ARE ALSO DISCLOSED.

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

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR SECURE DATA COMMUNICATION

<ul> <li>(51) International classification</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 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG INDIA ELECTRONICS PVT. LTD. Address of Applicant :Logix Cyber Park Plot No. C- 28 &amp; 29 Tower D 2nd Floor Sector 62, Noida 201301 Uttar Pradesh India (72)Name of Inventor :</li> </ul>
Filing Date	:NA	1)AGRAWAL, Sachin Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for facilitate secure communication of DRIS utilized to generate the set of DRIPs are described herein. According to the present subject matter, a Dynamic Random Interleaving Settings (DRIS) packet corresponding to a set of Dynamic Random Interleaving Packets (DRIPs) are identified. The set of DRIPs include a plurality of data packets packed based on a configuration of data packing. The DRIS packet defines the configuration of data packing dynamically and randomly. Further, a communication channel and a communication mode for transmission of the DRIS packet is determined and corresponding to the communication mode, a manner of transmission of the DRIS packet is selected. Moreover, the transmission of the DRIS packet is also scheduled through the determined communication channel based on the scheduling method.

No. of Pages : 88 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :03/04/2014

(54) Title of the invention : DETERGEN	Γ 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> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:11184921.2 :12/10/2011 :EPO	<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)MAGENNIS Euan John</li> <li>2)SWABEY Kerry Louise</li> </ul>

### (57) Abstract :

THE PRESENT INVENTION IS TO A DETERGENT COMPOSITION COMPRISING AN ANIONIC SURFACTANT SYSTEM WHEREIN THE ANIONIC SURFACTANT SYSTEM COMPRISES: I) AN ALKYL SULFATE SURFACTANT OF FORMULA RO SOM WITH R BEING A LINEAR OR BRANCHED SUBSTITUTED OR UNSUBSTITUTED OPTIONALLY ALKOXYLATED C C ALKYL AND WITH M BEING A PROTON OR A CATION WHICH PROVIDES CHARGE NEUTRALITY AND II) A LINEAR OR BRANCHED SUBSTITUTED OR UNSUBSTITUTED C C ALCOHOL ETHOXYLATE SULFATE SURFACTANT HAVING AN AVERAGE DEGREE OF ETHOXYLATION OF FROM 0.5 TO 3 HAVING A PROTON OR A CATION WHICH PROVIDES CHARGE NEUTRALITY.

No. of Pages : 31 No. of Claims : 14

(19) INDIA

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

### (43) Publication Date : 27/02/2015

(54) Title of the invention : CAMERA A	ACCESSORY	
<ul> <li>(51) International classification</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)NIKON CORPORATION <ul> <li>Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku</li> </ul> </li> <li>Tokyo 1008331 Japan <ul> <li>(72)Name of Inventor :</li> <li>1)HASUDA Masanori</li> <li>2)HOSHIKAWA Hideaki</li> <li>3)KOTANI Noriyasu</li> </ul> </li> </ul>

(57) Abstract :

An accessory side mount of a camera accessory has at least a first limiting part and a second limiting part different than the first. The first limiting part limits the rotation range in a first rotational direction by abutting the end of any one of various camera body side claws when the first through third claws are rotated in the first rotational direction along the circumferential direction in order to attach the accessory side mount inserted in a normal docking phase to a body side mount. The second limiting part limits the rotation range in a second rotational direction by abutting the end of any one of various camera body side claws when the first through third claws are rotated in the opposite direction of the first rotational direction in order to detach the accessory side mount from the body side mount.

No. of Pages : 66 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PARALLEL ELECTRODE ORGANIC CELLS

(51) International classification	:H01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KOTHANDAN KRISHNAMOORTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a system useful as solar cell and has a high open circuit voltage and excellent stability. The system comprising: a first electrode, a second electrode, at least two parallel photoactive bilayers connected directly to electrodes and at least two hole injection layers.

No. of Pages : 27 No. of Claims : 10

(22) Date of filing of Application :20/08/2013

### (54) Title of the invention : A NOVEL HYDROMETALLURGICAL PROCESS FOR THE PRODUCTION OF TELLURIUM FROM HIGH LEAD BEARING COPPER REFINERY ANODE SLIME

		(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(51) International classification	:C22B	RESEARCH
(31) Priority Document No	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(32) Priority Date	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)TONDEPU SUBBAIAH
Filing Date	:NA	2)BARADA KANTA MISHRA
(87) International Publication No	: NA	3)na
(61) Patent of Addition to Application Number	:NA	4)MALAY KUMAR GHOSH
Filing Date	:NA	5)KALI SANJAY
(62) Divisional to Application Number	:NA	6)INDRA NARAYAN BHATTACHARYA
Filing Date	:NA	7)CHINMAYA KUMAR SARANGI
-		8)BARSHA DASH
		9)ABDUL RAUF SHEIK

### (57) Abstract :

The present invention provides a hydrometallurgical process for the recovery of tellurium as elemental tellurium powder from copper refinery anode slime containing high amount of lead. The process involves the removal of copper and lead from anode slime followed by the recovery of tellurium as elemental powders. The present invention is an economical and environment friendly process of producing tellurium from a high lead bearing anode slime as it involves only hydrometallurgical techniques and thereby avoids emission of any polluting gases and has an efficiency of 85 to 90%. The developed process of recovering tellurium as elemental powders from copper refinery anode slime will be beneficial in the production of pure tellurium instead of tellurium compounds. It will help in raising the profit margin of a non-ferrous metal industry dealing with extraction of copper from ores and treatment of anode slime for the recovery of other metal values.

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

### (19) INDIA

(22) Date of filing of Application :28/01/2014

### (43) Publication Date : 27/02/2015

(54) Title of the invention : DIGITAL ULTRAS	ONIC CLEANER	
(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:201320133180.1	1)Fong <sup>™</sup> s National Enginnering (Shenzhen) Co. Ltd.
(32) Priority Date	:22/03/2013	Address of Applicant :17-19 LiXin Road, DanZhuTou
(33) Name of priority country	:China	Industrial Zone, NanWan Sub-District, Shenzhen City,
(86) International Application No	:NA	GuangDong, P.R.C (CN) China
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TSUI, Tak Ming William
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dismountable insulation tubing for liquid containers comprising a Tube (1), External Tube (2), Compressor (6) and Cylinder (7); said Compressor (6) and Leak-Proof Material (3) are placed between the Tube (1) and Cylinder (7); Tube (1) is concentrically fixed with an External tube(2) and the space in between forms a Chamber (5). Rubber Ring is placed in between the Compressor (6) and External Tube (2). The Vent-hole (13) is located at the bottom of Chamber (5). An upper flange (8) freely to rotate with respect to Tube (1) connects with the Lower Flange (12) with Bolts. This invention suggests a design piercing a dismountable tube into a pressurized liquid container without leakage.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

(54) Title of the invention : TRAIN GUID	DE BROADCAST 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 <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>	:B61L3/12,B61L25/02 :2011216710 :30/09/2011 :Japan :PCT/JP2012/074521 :25/09/2012 :WO 2013/047499 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>(71)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMADA Takeshi</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention comprises: on board radio devices (VRS1 VRS2) that are disposed on a train (1) traveling on a railway track (R) for wireless communications; along railway track radio devices (WRS1 to WRS5) that are disposed along the railway track (R); and a guiding means for performing a train guide broadcast at a predetermined timing on the basis of information related to the position of the train and acquired through wireless communications between the on board radio devices (VRS1 VRS2) and the along railway track radio devices (WRS1 to WRS5).

No. of Pages : 19 No. of Claims : 5

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD FOR COMPENSATING OVERLOAD TRIP CURVE FOR CT ERROR

<ul> <li>(51) International 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>	:H02H3/093,H02H3/02,H02H6/00 :13/233457 :15/09/2011 :U.S.A. :PCT/US2012/052755 :29/08/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC USA INC. Address of Applicant :1415 S. Roselle Road Palatine Illinois</li> <li>60067 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)JEFFERIES Kevin</li> </ul>
(87) International Publication	:WO 2013/039693	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A digital thermal model for compensating for error in a current transformer used in a solid state overload relay. The thermal model implements a difference equation that determines using a low pass filter two parameters corresponding to calibration points along an overload trip curve. The trip curve is adjusted at an ultimate trip current (one calibration point) independently of a trip time at a locked rotor current (another calibration point) of a motor protected by the overload relay. The ultimate trip current and trip time can be adjusted based on a motor full load current set by a user. Large CT error will cause the thermal model to adjust the trip time at the locked rotor current increasing the range of acceptable CT error allowing the overload relay to have a wider adjustment range.

No. of Pages : 23 No. of Claims : 20

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

## (54) Title of the invention : A PROBIOTIC COMPOSITION COMPRISING THE NOVEL ISOLATED BACTERIAL STRAIN OF BREVEBACTERIUM CASEI AP9

(51) International classification:GO(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(62) Divisional to Application Number:NAFiling Date:NAState	MARG, NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor : 1)HRISHIKESH VINAYAK MUNGI 2)POOJA VIJAY GHUSHE 3)AVINASH VELLORE SUNDER 4)ARCHANA VISHNU PUNDLE
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(57) Abstract :

The present invention discloses a novel isolated bacterial strain exhibiting probiotic properties. More particularly, the invention discloses a probiotic composition comprising Brevibacterium casei AP9 MCC0012 having improved pH and bile tolerance and improved antimicrobial properties as well as possessing cholesterol reduction property.

No. of Pages : 29 No. of Claims : 10

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

# (54) Title of the invention : DEVELOPMENT OF CINNAMON-CUMIN DUAL DRUG LOADED POLY (D,L-LACTIDE-CO-GLYCOLIDE) COATED POLYMERIC NANOPARTICLES FOR SUSTAINED RELEASE OF ANTI-DIABETIC DRUGS

<ul> <li>(51) International classification</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>	:NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)AMITY UNIVERSITY <ul> <li>Address of Applicant :AMITY UNIVERSITY CAMPUS,</li> <li>SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)ADITI SANGAL</li> <li>2)SUNITA RATTAN</li> </ul> </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	

(57) Abstract :

The present invention provides the development of composition comprising cinnamon-cumin dual drug loaded polymeric nanoparticles for slow and controlled release of the drug in patients suffering from diabetes. The invention in general relates to the simple and more biocompatible preparation of biodegradable polymer coated nanoparticles loaded with cinnamon-cumin dual drug to improve the anti-diabetic effect via their sustained release. The biodegradable polymeric nanaoparticles of cinnamon and cumin show the maximum therapeutic effect.

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

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : DEVICE AND METHOD FOR DETERMINING TRIP INFORMATION

<ul> <li>(51) International classification</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/EP2012/071327	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M<sup>1</sup>/<sub>4</sub>nchen </li> <li>Germany </li> <li>(72)Name of Inventor : 1)NEUMANN Peter </li> </ul>
Filing Date	:29/10/2012	
(87) International Publication No	:WO 2013/068252	
(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 determining trip information (TI) related to a route (14) travelled by a passenger. In order to provide a solution for automatically verifying trip information and for enhancing passenger comfort when using public transportation the device includes a receiver (16) that can be carried by the passenger and receives a signal generated by a ground based local transmitter (24 28) and a processor (32) for determining at least one bit of trip information (TI) by means of a signal evaluation in which at least one signal characteristic of a received signal is evaluated.

No. of Pages : 23 No. of Claims : 9

(19) INDIA

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

### (54) Title of the invention : TOUCH-SCREEN REMOTE CONTROL FOR MULTIMEDIA EQUIPMENT

	:H04N5/44,	(71)Name of Applicant :
(51) International classification	H04N5/445,	1)KATES, Lawrence
	G06F3/00	Address of Applicant :1111 Bayside Drive, Corona Del Mar,
(31) Priority Document No	:10/983,419	California 92625, U.S.A.
(32) Priority Date	:08/11/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)KATES, Lawrence
(86) International Application No	:PCT/US2005/035822	
Filing Date	:04/10/2005	
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:4062/DELNP/2007	
Filed on	:30/05/2007	

### (57) Abstract :

A multimedia control system presents program schedule information to a user in a visually and intellectually-intuitive manner. The multimedia control system can be used to display programming information, control multimedia devices, control home automation devices, etc. In one embodiment, a control screen used to display programming information is configured as a touch screen to allow the user to select programming, control multimedia devices, or perform other functions by touching the screen. In one embodiment, the system uses a consistent, user-selectable, intuitive user interface. In one embodiment, programming information is dynamically updated to provide the user with current programming information, such as, for example, sports scores, commercial breaks, news stories, documentary contents, etc.

No. of Pages : 36 No. of Claims : 20

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : USE OF COMPOSITIONS COMPRISING 1 1 1 2 3 PENTAFLUOROPROPANE AND OPTIONALLY Z 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE IN HIGH TEMPERATURE HEAT 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 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>	:C09K5/04 :61/554784 :02/11/2011 :U.S.A. :PCT/US2012/063445 :02/11/2012 :WO 2013/067447 :NA :NA :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 19899 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KONTOMARIS Konstantinos</li> </ul>
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### (57) Abstract :

A method for producing heating in a high temperature heat pump is provided comprising condensing a vapor working fluid comprising HFC 245eb and optionally Z HFO 1336mzz in a condenser thereby producing a liquid working fluid. Also a method of raising the maximum feasible condenser operating temperature in a high temperature heat pump apparatus is provided. The method comprises charging the high temperature heat pump with a working fluid comprising HFC 245eb and optionally Z HFO 1336mzz. Also a high temperature heat pump apparatus is provided containing a working fluid comprising HFC 245eb and optionally Z HFO 1336mzz. Also a composition is provided comprising: (i) a working fluid consisting essentially of HFC 245eb and optionally Z HFO 1336mzz; and (ii) a stabilizer to prevent degradation at temperatures of 55°C or above (iii) a lubricant suitable for use at 55°C or above or both (ii) and (iii).

No. of Pages : 47 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : CATIDNIC LIPID FORMULATIONS FOR REGRESSING ESTABLISHED TUMOR.

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MS. SUGATA BARUI
(61) Patent of Addition to Application Number	:NA	2)MR. SOUMEN SAHA
Filing Date	:NA	3)DR. ARABINDA CHAUDHRUI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an integrin receptor targeting novel cationic CGKRK-lipopeptide. The present invention further discloses a li posomal formulation comprising the cationic CGKRKlipopeptide, at least two co-lipids, at least one chemotherapeutic agent and a pharmaceutically acceptable carrier. The present invention also provides a method for regressing established tumors collaporties administering therapeutically effective amount of the liposomal formulation comprising the chemotherapeutic agent.

No. of Pages : 40 No. of Claims : 18

### (19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A FAIL-SAFE NEEDLE TIP PROTECTIVE DEVICE. (51) International classification :A61M (71)Name of Applicant : (31) Priority Document No 1)LA-MED HEALTHCARE (P) LTD. :NA (32) Priority Date Address of Applicant :136, SECTOR-24, FARIDABAD-:NA (33) Name of priority country 121005 HARYANA India :NA (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)MAYANK LAKHANI (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 fail safe needle tip protective device (106), consisting of a needle guard (20), slidably mounted on a needle (16) having a proximal end and sharpened distal end (34), said needle (16) having at least one change in profile formed upon the length thereof, said guard (20) containing a safety shield (18) which is transitional between a first retracted configuration wherein said safety shield (18) is oriented against said needle (16) and a second operative configuration wherein said safety shield (18) traps the said sharpened distal end (34) of said needle (16).

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

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

### (54) Title of the invention : DEVICE FOR A PIPE HANDLING UNIT AND METHOD OF INSERTING AND WITHDRAWING A PIPE STRING IN/FROM A BOREHOLE

<ul> <li>(51) International classification</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 Eiling Data</li> </ul>	:E21B19/16,E21B19/18 :20120184 :22/02/2012 :Norway :PCT/NO2013/050032 :20/02/2013 :WO 2013/125961 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)WEST DRILLING PRODUCTS AS Address of Applicant :Postboks 374 N 4067 Stavanger Norway</li> <li>(72)Name of Inventor :</li> <li>1)EILERTSEN Bj,rn</li> <li>2)SKJ†RSETH Odd B.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pipe handling system is described which includes at least two pipe handling units (2 2) arranged in a vertically displaceable manner along respective guide tracks (111) of respectively first and second portions (11 11) of a tower (1) the pipe handling unit (2 2) being provided with lower and upper rotary units (23 23) spaced apart vertically on a chassis (21) and each of the rotary units (23 23) being provided with a rotatable tong (231) and a hanging off device (232). A method of inserting and withdrawing a pipe string (3) in/from a borehole by the use of the pipe handling system is described as well.

No. of Pages : 24 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 27/02/2015

### :C03C17/36 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/317176 1) GUARDIAN INDUSTRIES CORP. (32) Priority Date :12/10/2011 Address of Applicant :2300 Harmon Road Auburn Hills MI (33) Name of priority country 48326 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/055467 (72)Name of Inventor : Filing Date :14/09/2012 1)OCONNOR Kevin (87) International Publication No :WO 2013/055495 2)LAO Jingyu (61) Patent of Addition to Application **3)WOLFF John** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : COATED ARTICLE WITH LOW E COATING HAVING ABSORBING LAYER OVER FUNCTIONAL LAYER DESIGNED TO INCREASE OUTSIDE REFLECTANCE

(57) Abstract :

A coated article includes a low E coating having an absorbing layer located over a functional layer (IR reflecting layer) and designed to cause the coating to have an increased outside reflectance (e.g. in an IG window unit) and good selectivity. In certain embodiments the absorbing layer is metallic or substantially metallic and is provided directly over and contacting a lower of two IR reflecting layers. In certain example embodiments a nitride based layer (e.g. silicon nitride or the like) may be located directly over and contacting the absorbing layer in order to reduce or prevent oxidation thereof during heat treatment (e.g. thermal tempering heat bending and/or heat strengthening) thereby permitting predictable coloration high outside reflectance values and/or good selectivity to be achieved. Coated articles according to certain example embodiments of this invention may be used in the context of insulating glass (IG) window units vehicle windows other types of windows or in any other suitable application.

No. of Pages : 27 No. of Claims : 29

(21) Application No.2774/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:20/09/2012 :WO 2013/044293 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RADIAL FLUX LABORATORIES PTY LTD Address of Applicant :3/45 Bryant Street Padstow NSW 2211 Australia</li> <li>(72)Name of Inventor :</li> <li>1)LILLINGTON Paul Evans</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

### (54) Title of the invention : PERMANENT MAGNET ELECTRICAL MACHINE

(57) Abstract :

A 2 pole machine arrangement (10) has a stator (100) with windings (101) in conventional form wound either in a single phase or three phase configuration. The rotor is formed of stacked laminations. The laminations include rotor pole pieces (107) located between the two magnetic poles. Each pole is formed by a pair of (embedded) permanent magnets (103) angularly spaced apart by inter magnet segments (106). The rotor pole pieces (107) include a series of evenly spaced slots (109) and a central void (108). The slots (109) are of various lengths to direct the flux from the magnets (103) into the air gap (121) at a desired angle normal to the rotor surface. The slots 109 may be varied in width and angle to achieve the desired lowest waveform distortion under load and the highest air gap flux. The slots (109) also contribute to changing the saliency of the rotor.

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

### (19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A NOVEL LOCKING SYSTEM AND A METHOD OF MANUFACTURING THEREOF (51) International classification :G06F (71)Name of Applicant : 1)VISHKARMA ENTERPRISES (31) Priority Document No :NA (32) Priority Date :NA Address of Applicant :B-14, SANJAY COLONY, SECTOR (33) Name of priority country 22, FARIDABAD - 121005, INDIA Haryana India :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)DHIMAN, RAM MEHAR** (87) International Publication No : NA 2)DHIMAN, SAURABH (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a novel locking system and method of manufacturing the same. Under the present invention the novel locking device can be used in any type of refrigerators. The present invention provides safety and security to the contents in the refrigerator by providing a strong and easily installable locking device for refrigerators. The locking device of the present invention comprises of aesthetic features. The locking device is not easily breakable and comprises of push and turn features with stability.

No. of Pages : 26 No. of Claims : 19

### (19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : AUTOMATIC DETECTION OF FRAUDULENT RATINGS/COMMENTS RELATED TO AN APPLICATION STORE

<ul> <li>(51) International classification</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>	:G06Q :13/764,290 :11/02/2013 :U.S.A. :NA :NA :NA :NA :NA	*
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

### (57) Abstract :

The present disclosure describes one or more systems, methods, routines and/or techniques for automatic detection of fraudulent ratings and/or comments related to an application store. The present disclosure describes various ways to differentiate fraudulent submissions (e.g., ratings, comments, reviews, etc.) from legitimate submissions, e.g., submissions by real users of an application. These various ways may be used to generate intermediate signals that may indicate that a submission is fraudulent. One or more intermediate signals may be automatically combined or aggregated to generate a detection conclusion for a submission. Once a fraudulent submission is detected, the present disclosure describes various ways to proceed (e.g., either automatically or manually), for example, the fraudulent submission may be ignored, or a person or account associated with the fraudulent submission may be penalized. The various descriptions provided herein should be read broadly to encompass various other services that accept user ratings and/or comments.

No. of Pages : 34 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PROBE WITH MULTIPLE TARGET REGION SPECIFICITY AND OF TRIPARTITE CHARACTER (51) International classification :C12Q1/68 (71)Name of Applicant : (31) Priority Document No **1)EPISTEM LIMITED** :1116131.2 (32) Priority Date Address of Applicant :48 Grafton Street Manchester M13 9XX :19/09/2011 (33) Name of priority country U.K. :U.K. (86) International Application No :PCT/GB2012/052305 (72)Name of Inventor : Filing Date :19/09/2012 1)COBB Ben (87) International Publication No :WO 2013/041853 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Probes and methods are described for detecting polymorphisms including short tandem repeats in a target nucleotide sequence. The probes include first and second regions separated by a linker sequence with the first and second regions having discrete melting temperatures with their respective target sequences. In a first embodiment the first and second regions are both reporter sequences; in a second embodiment one region is an anchor sequence while the other is a reporter sequence.

No. of Pages : 32 No. of Claims : 27

### (19) INDIA

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

### (43) Publication Date : 27/02/2015

### (54) Title of the invention : HYBRID CONSTANT REGIONS

(51) International classification	:C07K16/28,C07K19/00,C12N15/13	(71)Name of Applicant : 1)JN BIOSCIENCES LLC
(31) Priority Document No	:61/539416	Address of Applicant :320 Logue Avenue Mountain View CA
(32) Priority Date	:26/09/2011	94043 U.S.A.
(33) Name of priority countr	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/057393 :26/09/2012	1)TSO J. Yun 2)TSURUSHITA Naoya
(87) International Publication	<sup>n</sup> :WO 2013/049254	
(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 hybrid constant regions and antibodies or fusion proteins incorporating the same. The hybrid constant regions include at least CH2 and CH3 regions of an IgG or IgA constant region and Cµ3 and Cµ4 regions of a Cµ constant region. The hybrids retain properties of both component constant regions. The hybrids retain the ability of a Cµ constant region to form multivalent complexes e.g. pentameric or hexameric structures. IgG hybrids also retain IgG properties including pH dependent FcRn binding which is associated with a relatively long in vivo half life and specific binding to protein G which facilitates purification. Depending on the isotype and subtype the nature of the antigen and presence of additional IgG CH1 and hinge domains IgG hybrids may also retain properties of specific binding to protein A and effector functions ADCC CDC and opsonization. IgA hybrids retain the property of IgA of binding to an Fc alpha receptor CD89.

No. of Pages : 122 No. of Claims : 40

(22) Date of filing of Application :24/01/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A METHOD OF CONTROLLING A FUEL SUPPLY SYSTEM

(51) International classification	:F02D41/00,H02J7/00,G01R21/00	(71)Name of Applicant :
(31) Priority Document No	:1302600.0	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:14/02/2013	Address of Applicant :Suite 800, 330 Town Center Drive,
(33) Name of priority country	:U.K.	Dearborn, Michigan 48126 U.S.A.
(86) International Application	NT A	(72)Name of Inventor :
No	:NA	1)KEES, Don Andreas Josephine
Filing Date	:NA	2)LANE, Stuart
(87) International Publication	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

A method of controlling a fuel supply system 100 of an engine 10 is disclosed in which an engine driven high pressure fuel pump 130 is operated whenever possible at one of an optimum demand level providing optimum pump efficiency for the current engine speed or at a zero demand level to reduce the fuel used by the engine 10 to drive the high pressure fuel pump 130. The operating mode used is dependent upon at least one of the amount of fuel currently stored in a high pressure fuel accumulator 140 and whether a current fuel demand Fd exceeds an optimum quantity Po of fuel that can be provided by the high pressure fuel pump 130 when operating at the current engine speed.

No. of Pages : 69 No. of Claims : 16

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : INTEGRATED BUTANE ISOMERIZATION AND IONIC LIQUID CATALYZED ALKYLATION PROCESSES

<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:C07C5/373,C07C5/333,C07C9/12 :13/230757 :12/09/2011 :U.S.A	<ul> <li>(71)Name of Applicant :</li> <li>1)CHEVRON U.S.A. INC.</li> <li>Address of Applicant :6001 Bollinger Canyon Road San</li> <li>Ramon California 94583 U.S.A.</li> </ul>
(86) International Application No Filing Date	:PCT/US2012/031165 :29/03/2012	<ul> <li>(72)Name of Inventor :</li> <li>1)TIMKEN Hye Kyung Cho</li> </ul>
(87) International Publication No	:WO 2013/039566	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Integrated isomerization and ionic liquid catalyzed alkylation processes may comprise integrating ionic liquid alkylation and n butane isomerization using a common distillation unit for separating an n butane containing fraction from at least one of an alkylation hydrocarbon phase from an ionic liquid alkylation reactor and an isomerization hydrocarbon stream from an isomerization unit. The n butane containing fraction may undergo isomerization to provide an isomerization reactor effluent comprising the isomerization hydrocarbon stream. An isobutane containing fraction separated from at least one of the alkylation hydrocarbon phase and the isomerization hydrocarbon stream may be recycled from the distillation unit to the ionic liquid alkylation reactor.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CONVERSION OF HF ALKYLATION UNITS FOR IONIC LIQUID CATALYZED ALKYLATION PROCESSES

(51) International classification:C07C2/58,C07D233/12,C07D211/14(31) Priority Document No:13/230774(32) Priority Date:12/09/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2012/032127(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/039567(82) Divisional to Filing Date:NA :NA :NA(82) Divisional to Filing Date:NA :NA	<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)CLEVERDON Robert Fletcher</li> <li>2)PHILLIPS Christine Marie</li> <li>3)TIMKEN Hye Kyung Cho</li> </ul>
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(57) Abstract :

Methods for converting an HF alkylation unit to an ionic liquid alkylation system configured for performing ionic liquid catalyzed alkylation processes may comprise connecting at least one component configured for ionic liquid catalyzed alkylation to at least one component of the HF alkylation unit wherein the at least one component of the HF alkylation unit is retained modified or adapted for use in the ionic liquid alkylation system. An ionic liquid alkylation system derived from an existing or prior HF alkylation unit is also disclosed.

No. of Pages : 33 No. of Claims : 27

#### (19) INDIA

(22) Date of filing of Application :23/08/2013

#### (54) Title of the invention : SELF NANO EMULSIFYING DRUG DELIVERY SYSTEM FOR A GINGER ACTIVE PRINCIPLES **BASED COMPOSITION**

(57) Abstract :

The present invention discloses a pharmaceutical composition in the form of fully dilutable self nano emulsiffing drug delivery formulation comprising ginger active principles. The pharmaceutical composition of the present invention shows an improved solubilization and stability of ginger active principle, and enhanced oral bioavailability. The composition of the present invention comprises of a pharmaceutically effective amount of a ginger active principle, with a surfactant and a co surfactant and excluding externally added oils.

No. of Pages : 22 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:H04L29/14,H04L29/06 :11306371.3 :24/10/2011 :EPO :PCT/EP2012/069823 :08/10/2012 :WO 2013/060567 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALCATEL LUCENT Address of Applicant :3 Avenue Octave Grard F 75007 Paris France</li> <li>(72)Name of Inventor :</li> <li>1)CAYEUX Christian</li> </ul>
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (54) Title of the invention : A METHOD FOR SIP PROXY FAILOVER

(57) Abstract :

For SIP proxy failover in a SIP telecommunication network (SIPN) comprising a plurality of proxies (P1 P2) and a domain name server (DNSR) the method comprises the following steps: storing in the domain name server (DNSR) the addresses of the proxies that are working; if a first proxy (P1) shuts down then informing (42) the domain name server (DNSR) that this first proxy has shutdown; then if a user agent (SIPUA1) sends a domain name system request (43) to the domain name server (DNSR) sending (44) from the domain name server (DNSR) to this user agent a response only containing the respective addresses of proxies (P2) that are working; and then said user agent registering itself in a proxy (P2) the address of which is contained in the response from the domain name server (DNSR).

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

(19) INDIA

(22) Date of filing of Application :29/01/2014

(43) Publication Date : 27/02/2015

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HORIBA, Ltd.
(51) Fliolity Document No	021808	Address of Applicant :2, Miyanohigashi-cho, Kisshoin,
(32) Priority Date	:06/02/2013	Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ASAMI, Tetsuji
Filing Date	:NA	2)NISHIMOTO, Akihiro
(87) International Publication No	: NA	3)HISAMORI, Yosuke
(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 : EXHAUST GAS SAMPLING APPARATUS

(57) Abstract :

The present invention is one that, in an exhaust gas sampling apparatus (100) having a configuration in which a heat exchanger is not provided on an upstream side of a CVS (5), regulates a flow rate of diluted exhaust gas flowing into an analytical device to a predetermined value, and provided with: a main flow path (4); the CVS (5) provided in the main flow path (4); a diluted exhaust gas sampling flow path (6) for sampling part of the diluted exhaust gas from the main flow path (4) to introduce the part into the analytical device (10); a flow rate control mechanism (7) that controls a flow rate of the diluted exhaust gas to be sampled through the diluted exhaust gas sampling flow path (6); and a control device (8) that sets a split flow ratio that is a ratio of the flow rate of the diluted exhaust gas sampling through the cVS (5), wherein the control device (8) uses the flow rate (QCVS) of the diluted exhaust gas flowing through the CVS (5), or a value (TCVS or PCVS) related to the flow rate (QCVS) of the diluted exhaust gas to set the split flow ratio (Qsamp/QCVS) so as to make a flow velocity (Vfilter) of the diluted exhaust gas flowing into the analytical device (10) equal to a predetermined value.

No. of Pages : 33 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :08/04/2014

#### (54) Title of the invention : (METH)ACRYLATE COMPOUND AND PHOTOCHROMIC CURABLE COMPOSITION CONTAINING SAID (METH)ACRYLATE COMPOUND

<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority</li></ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)TOKUYAMA CORPORATION Address of Applicant :1 1 Mikage cho Shunan shi Yamaguchi 7458648 Japan (72)Name of Inventor : 1)TAKENAKA Junii</li></ul>
Application No Filing Date (87) International	:PCT/JP2012/076643 :15/10/2012 :WO 2013/058218	1)TAKENAKA Junji 2)MOMODA Junji
(62) Divisional to Application Number	:NA :NA :NA :NA	

(57) Abstract :

A PHOTOCHROMIC CURABLE COMPOSITION ACCORDING TO THE PRESENT INVENTION IS CHARACTERIZED BY COMPRISING: A (METH)ACRYLATE COMPOUND REPRESENTED BY FORMULA (1 X1) (WHEREIN Y REPRESENTS AN OXYGEN ATOM OR A BIVALENT GROUP REPRESENTED BY NH ; R AND R INDEPENDENTLY REPRESENT A HYDROGEN ATOM OR A METHYL GROUP; R REPRESENTS AN ALKYLENE GROUP HAVING 1 6 CARBON ATOMS; R REPRESENTS AN ALKYLENE GROUP HAVING 1 6 CARBON ATOMS A CYCLOALKYLENE GROUP HAVING 3 8 CARBON ATOMS WHICH MAY CONTAIN A DOUBLE BOND OR AN ARYLENE GROUP HAVING 6 10 CARBON ATOMS; AND A REPRESENTS A POSITIVE INTEGER OF 1 20); ANOTHER RADICALLY POLYMERIZABLE MONOMER; AND A PHOTOCHROMIC COMPOUND. ACCORDING TO THE PRESENT INVENTION IT BECOMES POSSIBLE TO PRODUCE A LENS WHICH DOES NOT UNDERGO THE SURFACE HAZING CAUSED BY BLEED OUT OR THE DELAMINATION DURING THE PROCESS OF THE PRODUCTION THEREOF HAS EXCELLENT DURABILITY AND CAN EXHIBIT HIGH PHOTOCHROMIC PERFORMANCE.

No. of Pages : 84 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : MULTI POLE CABLE CONNECTION AND METHOD FOR PRODUCING A MULTI POLE CABLE CONNECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</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>	:H01R12/67,H01R13/504,H01R13/52 :11186401.3 :24/10/2011 :EPO :PCT/EP2012/004441 :24/10/2012 :WO 2013/060448 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PHOENIX CONTACT GMBH &amp; CO. KG Address of Applicant :Flachsmarktstr. 8 32825 Blomberg Germany</li> <li>(72)Name of Inventor :</li> <li>1)STIEGHORST Lothar</li> <li>2)DUX Dietmar</li> <li>3)HAUMERSEN Udo</li> <li>4)BECKER Markus</li> </ul>
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(57) Abstract :

The invention relates to a method for producing a multi pole cable connection (24a 24b) comprising the following steps: arranging a plurality of contact elements (1) on a carrier element (2) wherein the contact elements (1) are arranged in openings (3) formed on the carrier element (2) in such a way that a free end (4) formed on the contact elements (1) protrudes from the respective opening (3) and projects from a surface (5) of the carrier element (2); applying a flat sealing element (6) to the carrier element (2) in such a way that the sealing element (6) is guided over the free ends (4) of the contact elements (1) projecting from the surface (5) of the carrier element (2); forming a contact of a plurality of conductors (8) of a cable (23) with the contact elements (1) wherein the conductors (8) are clamped onto the contact elements (1); and coating the contact with a potting material (18 22) to form of a component composite (20).

No. of Pages : 20 No. of Claims : 18

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 27/02/2015

## (54) Title of the invention : PERMANENT SYSTEM FOR CONTINUOUS DETECTION OF CURRENT DISTRIBUTION IN INTERCONNECTED ELECTROLYTIC CELLS

<ul> <li>(51) International classification</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>	):PCT/EP2012/067970 :13/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milano Italy</li> <li>(72)Name of Inventor :</li> <li>1)PRADO Felix</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a current collecting bus bar comprising electrode housings for accommodating a multiplicity of electrodes in electrical contact therewith. Probes for measuring the electric potential locally established in correspondence of the electrical contacts during the passage of electric current are also connected to the bus bar. The invention further relates to a permanent monitoring system allowing the continuous evaluation of current distribution on each electrode of electrolysis cells of metal electrowinning or electrorefining plants connected to an alerting system and to means for disconnecting individual electrodes in case on non compliance with preset values.

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

#### (54) Title of the invention : PROCESS FOR THE PREPARATION OF ALISKIREN

<ul> <li>(51) International classification</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>	:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)JUBILANT LIFE SCIENCES LIMITED <ul> <li>Address of Applicant :Plot 1A Sector 16A Noida Up 201 301</li> </ul> </li> <li>Uttar Pradesh India <ul> <li>(72)Name of Inventor :</li> <li>1)BISWAS Sujay</li> <li>2)SRIMURUGAN Sankareswaran</li> <li>3)KUMAR Anjul</li> <li>4)PANDA Atulya Kumar</li> <li>5)JAMSHAD Danish</li> <li>6)MASAND Mukesh</li> <li>7)BISWAS Bidyut</li> <li>8)BANSAL Vikas</li> <li>9)GUPTA Ashish Kumar</li> <li>10)VIR Dharam</li> </ul> </li> </ul>
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(57) Abstract :

The present invention provides a novel process and novel intermediates useful in the synthesis of pharmaceutically active compounds especially renin inhibitors such as Aliskiren or a salt thereof preferably Aliskiren hemifumarate.

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

(21) Application No.2813/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : RAPID AND LOW COST ENZYMATIC FULL CONVERSION OF LIGNOCELLULOSIC BIOMASS

Filing Date (62) Divisional to Application Number NA NA	<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</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:06/10/2011 :WO 2013/050806 :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>I)INBICON A/S</li> <li>Address of Applicant :Kraftv¦rksvej 53 DK 7000 Fredericia</li> </ol> </li> <li>Denmark </li> <li>(72)Name of Inventor : <ol> <li>I)LARSEN Jan</li> <li>JJEPPESEN Martin Dan</li> </ol> </li> </ul>
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(57) Abstract :

Methods are provided for improved processing of lignocellulosic biomass. Hydrothermally pretreated lignocellulosic biomass is subject to separate hydrolysis and fermentation (SHF) or prehydrolysed and subject to simultaneous saccharification and fermentation (SSF) at high initial loadings of cellulase enzymes at least 15 FPU/g DM. The cellulase enzymes are subsequently recycled and used in subsequent hydrolysis cycles along with a lower dose supplementation of fresh enzyme. Loss of enzyme activity between hydrolysis cycles is offset by improved overall process advantage.

No. of Pages : 55 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :09/04/2014

#### (54) Title of the invention : SELF REVERTING RHEUMATOID JOINT PHYSIOTHERAPY DEVICES

(51) International classification	:A63B21/02,A63B23/04,A63B23/08	(71)Name of Applicant : 1)KIHIU John
(31) Priority Document No	:NA	Address of Applicant :14298 JKUAT Main Campus Juja
(32) Priority Date	:NA	Township Thika Road 00100 Nairobi Kenya
(33) Name of priority country	y:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2011/053970 :12/09/2011	1)KIHIU John
(87) International Publication No	<sup>1</sup> :WO 2013/038229	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A self reverting physiotherapy joint muscle toner device (1) that exercises the tendons ligaments and body tissues on the fore and rear of a body joint during both joint folding and unfolding is disclosed in these inventions. The device preferably comprises collinear tubular upper and lower limb housings (2 3) tubular fabric body strap (4) tie strips (5 6) swing joints (7) swing joint pins (25) and self reverting spring assemblies (8). Sets of tie strips 5 6 are mounted on the near ends of the limb housings with their free ends formed into hooks (23 24) to engage and form the swing joints (7). Mounted on the upper face of tie strip (5) is the self reverting spring assembly 8 that comprises the fold resistant spring (26) and unfold resistant spring (27) as disclosed in these inventions. The said spring assembly is acted upon by the compressing disk (28) at the end of a swivel rod (29) that is mounted on tie strip (6). The upper circumferential edge of limb housing (2) has a protrusion (16) that firmly fits to a recess (17) on the lower circumferential edge of the tubular fabric body strap (4) to avoid both slipping along the limbs and relative rotation about the axes of the limbs. In one modification of the toner (1) a hip housing (38) with two short trunks (40) is connected two lower limb housings (301) to form the thigh pelvic bone joint physiotherapy device (39) disclosed in these inventions. In a second modification a chest housing (41) with two short shoulder trunks (43) is connected to two lower limb housings (302) to form the shoulder joint physiotherapy device (42) also disclosed in these inventions.

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

#### (19) INDIA

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

(54) Title of the invention : VACUUM PUMP MC	UNTING STRU	JCTURE
(51) International classification	:F01L1/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 018110	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:01/02/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)HASEGAWA, Hirokazu
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 :

There is provided a vacuum pump mounting structure. A vacuum pump is connected to an axial end portion of a first cam shaft of an engine and is configured to be driven by the first cam shaft. The first cam shaft is disposed in a cylinder head. A cam housing rotatably supports the first cam shaft on the cylinder head. A cam housing-side boss portion and a cylinder head-side boss portion are formed in the cam housing. An engine-upper side of a body portion of the vacuum pump is fixed to the cam housing-side boss portion. An engine-lower side of the body portion of the vacuum pump is fixed to the cylinder head-side boss portion.

No. of Pages : 20 No. of Claims : 3

#### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLE FORMULATION AS MRI NEGATIVE CONTRAST ENHANCING AGENT FOR CANCER DETECTION OF ORGANS OF THE RETICULOENDOTHELIAL SYSTEM AND PROCESS OF ITS PREPARATION 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 <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>	:A61K :NA :NA :NA :NA : NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INDIAN INSTITUTE OF TECHNOLOGY DELHI Address of Applicant :HAUZ KHAS, NEW DELHI-110016, INDIA Delhi India</li> <li>(72)Name of Inventor :</li> <li>1)KOUL, VEENA</li> <li>2)CHOUDHARY, VEENA</li> <li>3)MAHAJAN, SHWETA</li> </ul>
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(57) Abstract :

A contrast enhancing agent formulation for use in Magnetic Resonance Imaging (MRI) comprising metal oxide nanoparticles encapsulated within a stabilizing coating of a biopolymer chemically conjugated to a targeting ligands specific for reticuloendothelial system (RES) organs, process of its preparation and use for accurate and efficient detection of cancer of liver and similar organs.

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

DIVIODEICATION

(21) Application No.2646/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:C01B3/00	(71)Name of Applicant :
(31) Priority Document No	:10/990,485	1)PRAXAIR TECHNOLOGY, INC.,
(32) Priority Date	:18/11/2004	Address of Applicant :39 Old Ridgebury Road, Danbury, State
(33) Name of priority country	:U.S.A.	of Connecticut 06810-5113, United States of America,
(86) International Application No	:PCT/US2005/040336	(72)Name of Inventor :
Filing Date	:07/11/2005	1)RAYMOND FRANCIS DRNEVICH
(87) International Publication No	: NA	2)VASIIS PAPAVASSILIOU
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:3456/DELNP/2007	
Filed on	:09/05/2007	

#### (54) Title of the invention : A STEAM METHANE REFORMING METHOD

#### (57) Abstract :

A steam methane reforming method comprising: heating a feed stream comprising no less than 15% by volume on a dry basis of hydrocarbons with at least two carbon atoms and/or at least 3 by volume of olefins to a temperature of no greater than 6000 C.; contacting the hydrocarbons and/or the olefins contained within the feed stream, and also, oxygen and steam with a catalyst capable of promoting both hydrogenation and partial oxidation reactions and catalytically reacting the hydrocarbons and/or olefins, steam and oxygen at an oxygen to carbon ratio of less than 0.25 and at a steam to carbon ratio of less than 0.5 to produce an intermediate product stream; and reacting a reformer feed stream, formed at least in part by the intermediate product stream and a steam stream, in a steam methane reformer to obtain a synthesis gas product stream having more moles of hydrogen than that of the intermediate product stream and also containing carbon monoxide, water and carbon dioxide; the catalytic reaction being conducted within a reactor containing the catalyst at a space velocity greater than 10,000 hr-, with a sufficient amount of oxygen that the intermediate product stream is produced at a temperature of between 5000 C and 860 C and with the oxygen to carbon and steam to carbon ratio being selected that the reformer feed stream has a hydrocarbon content consisting of methane, less than 0.5% of olefins by volume on a dry basis of hydrocarbons other than alkanes and olefins and a remaining content comprising hydrogen, carbon monoxide, casbon dioxide and water vapor.

No. of Pages : 45 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.2821/DELNP/2014 A

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : LOW ROTOR IN PARTICULAR TURBINE WHEEL

<ul> <li>(51) International 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>	:F01D5/02,F01D5/28,F02B39/00 :102011118601.1 :15/11/2011 :Germany :PCT/US2012/064290 :09/11/2012 o:WO 2013/074393 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KOENIG Igor</li> <li>2)LOEWENBERG Michael</li> </ul>
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(57) Abstract :

The present invention relates to a flow rotor (1) in particular a turbine wheel having a wheel core (2); and an outer part (3) which surrounds the wheel core (2) and is connected thereto wherein the wheel core (2) and the outer part (3) are constructed from different materials.

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

(19) INDIA

(22) Date of filing of Application :18/01/2014

#### (43) Publication Date : 27/02/2015

#### (71)Name of Applicant : :F16M, (51) International classification B60K 1)Suzuki Motor Corporation :2013-Address of Applicant :300. Takatsuka-cho. Minami-ku. (31) Priority Document No Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan 009297 :22/01/2013 (72)Name of Inventor : (32) Priority Date (33) Name of priority country :Japan 1)ICHIKAWA, Yuji (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : SUPPORT APPARATUS OF ELECTRIC COMPONENT FOR VEHICLE

#### (57) Abstract :

There is provided a support apparatus of an electric component for a vehicle. A side member extending in a longitudinal direction of the vehicle is arranged at a side part of an engine room which is covered with an engine hood in a width direction of the vehicle. A side brace extending upward from the side member is attached to a front end portion of the side member. A power unit having a motor is arranged in the engine room. A mount apparatus supporting the power unit is attached to a part of the side member at a rear side with respect to the side brace. The electric component is arranged between the side brace and the mount apparatus in the longitudinal direction of the vehicle. The mount apparatus includes a mount member having a mount rubber and a mount bracket fastening the mount member to the side member. The mount bracket is formed with an inclined surface which is inclined such that a rear end portion thereof is disposed higher than a front end portion thereof in the longitudinal direction of the vehicle. The support apparatus includes a support member which supports the electric component on a vehicle body. The support member includes a first support member and a second support member. A first support member extends in the width direction of the vehicle across the mount bracket in front of the inclined surface and has an outer end portion directly or indirectly connected to the side member. A second support member extends forward from the first support member and has a front end portion connected to the side brace. When the vehicle receives an external force from a front side of the vehicle and the second support member is pushed rearward by the external force, the engine food is deformed into a shape protruding upward in the vicinity of the mount apparatus in the longitudinal direction of the vehicle by the external force so that an enlarged space part is formed below the engine hood. The support apparatus is configured such that when the vehicle receives the external force from the front side of the vehicle, the outer end portion of the first support member separates from the side member and moves rearward on the inclined surface and the power unit is moved upward and is guided into the enlarged space part formed below the engine hood by the support member.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

#### (54) Title of the invention : A PROCESS FOR MAKING AN INTERMEDIATE OF CABAZITAXEL

(51) International classification:C07D305/14,A61K31/337,A61P35/00(31) Priority Document No:13/271192(32) Priority Date:11/10/2011(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/IB2012/002767(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/054204(62) Divisional to Application Number Filing Date:NA :NA(52) Divisional to Application Number Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCINOPHARM TAIWAN LTD. Address of Applicant :No.1 Nan Ke 8th Road Southern Taiwan Science Park Shan Hua Tainan 74144 Taiwan</li> <li>2)SCINOPHARM SINGAPORE PTE LTD.</li> <li>(72)Name of Inventor :</li> <li>1)HSIAO TsungYu</li> <li>2)TSENG HsinChang</li> </ul>
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(57) Abstract :

A novel process of making 7 10 dialkyl 10 DAB of formula (I) which is useful as a key intermediate for the preparation of cabazitaxel comprises selective elaboration of positions 7 and 10 of 10 deacetylbaccatin III.

No. of Pages : 22 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : EXHAUST GAS TURBOCHARGER

<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)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)KOCH Silvio</li> </ul>
(87) International Publication No	:WO 2013/112424	
(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 gas turbocharger (1) comprising a compressor (2); comprising a turbine (3); and comprising a bearing housing (4) in which there is arranged a bearing cartridge (5) secured against axial displacement and twisting; a single fixing element (6) securing the bearing cartridge (5) both against axial displacement and also twisting in the bearing housing (4). The invention also relates to a method for assembling a bearing cartridge (5) in a bearing housing (4) of an exhaust gas turbocharger (1).

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

(19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : TRAIN CONTROL 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</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	a :B61L27/00,B61L3/12,B61L25/02 :2011218249 :30/09/2011 :Japan :PCT/JP2012/074375 :24/09/2012 :WO 2013/047425 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)THE NIPPON SIGNAL CO. LTD. Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1006513 Japan</li> <li>(72)Name of Inventor :</li> <li>1)KURITA Akira</li> </ul>

(57) Abstract :

Provided is a train control system that can reliably control trains within a control section and can improve passenger service by preventing stop control performed by safety functions. On the basis of the wireless propagation time between an on board wireless device (4) and a wayside wireless device (5) a ground device (6) detects the position of each train within a control section. In a case where said ground device (6) determines that the number of trains within the control section of said ground device has reached or may reach the number of trains manageable if a train (2) scheduled to travel toward said control section is standing at a station (8) a ground device (6) provided in a control section adjacent to the control section in which the number of trains manageable will be reached makes the train (2) scheduled to pass the boundary between the control sections wait at the station (8) and prevents the train from departing.

No. of Pages : 25 No. of Claims : 6

### (19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING 40 O (2 HYDROXY) ETHYL RAPAMYCIN

<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>	:A61K9/20,A61K9/50,A61K31/436 :61/544026 :06/10/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)NOVARTIS AG <ul> <li>Address of Applicant :Lichtstrasse 35 CH 4056 Basel</li> </ul> </li> <li>Switzerland <ul> <li>(72)Name of Inventor :</li> <li>1)DIEDERICH Anke</li> <li>2)LIECHTI Kurt</li> <li>3)KUEHL Peter</li> </ul> </li> </ul>
(87) International Publication No	:WO 2013/050419	4)CHEUNG Wing
(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 extended release pharmaceutical formulations in form of multiparticulates comprising 40 O (2 hydroxy)ethyl rapamycin to dosage forms which comprise said pharmaceutical formulations to methods of preparing said pharmaceutical formulations and said dosage forms to uses of said pharmaceutical formulations and said dosage for the manufacture of a medicament for the treatment or prevention of diseases or conditions responsive to inhibition of mTOR signaling pathway such as for instance proliferative diseases or immunosuppression.

No. of Pages : 45 No. of Claims : 28

(19) INDIA(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A CATALYST AND CATALYST CARRIER (51) International classification :B01J21/04,B01J21/08,B01J23/36 (71)Name of Applicant : 1)SAINT GOBAIN CERAMICS & PLASTICS INC. (31) Priority Document No :61/547089 (32) Priority Date Address of Applicant :Intellectual Property Law Department :14/10/2011 (33) Name of priority country One New Bond Street Worcester Massachusetts 01615 U.S.A. :U.S.A. (72)Name of Inventor : (86) International Application :PCT/US2012/059422 1)RICHARD Michael A. No :10/10/2012 Filing Date 2)LOCKEMEYER John R. (87) International Publication :WO 2013/055716 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The carrier of the present invention includes at least 85 wt percent alpha alumina at least 0.06 wt percent SiO2 and no more than 0.04 wt percent Na2O. The carrier has a water absorption no greater than 0.35 g/g and a ratio of water absorption (g/g) to surface area (m2/g) no greater than 0.50 g/m2. Another aspect of the invention is a catalyst for the epoxidation of olefins which comprises the above described carrier and silver dispersed thereon where the carrier has a monomodal bimodal or multimodal pore distribution and where the quantity of silver is between 5 and 50 wt% relative to the weight of the catalyst. A reactor system for the epoxidation of olefins is also disclosed.

No. of Pages : 45 No. of Claims : 36

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : EXHAUST TURBOCHARGER

<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>		<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)SCHEUERMANN Timo</li> </ul>
(87) International Publication No	:WO 2013/109433	
(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 turbocharger (1) having a turbine housing (2) which has an inlet stub (3) and having a connecting device (4) for securing the inlet stub (3) on an exhaust gas supply device (5) wherein the connecting device (4) is designed as a plug in connecting device.

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

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : 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>(34) International Application No</li> <li>(35) International Application Piling Date</li> <li>(37) International Publication No</li> <li>(38) Patent of Addition to</li> <li>(39) Patent of Addition to</li> <li>(30) Patent of Addition to</li> <li>(31) Patent of Application Number No</li> <li>(32) Patent Of Application Number No</li> <li>(32) Patent Of Application No</li> <li>(33) Patent Of Application No</li> <li>(34) Patent Of Application No</li> <li>(35) Patent Of Application No</li> <li>(35) Patent Of Application No</li> <li>(36) Patent Of Application No</li> <li>(37) Patent Of Application No</li> <l< th=""><th><ul> <li>(71)Name of Applicant : <ul> <li>1)BORGWARNER INC.</li> <li>Address of Applicant :Patent Department 3850 Hamlin Road</li> </ul> </li> <li>Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BUCHMANN Daniel</li> <li>2)FITTING Thomas</li> <li>3)SCHUMNIG Oliver</li> </ul> </li> </ul></th></l<></ul>	<ul> <li>(71)Name of Applicant : <ul> <li>1)BORGWARNER INC.</li> <li>Address of Applicant :Patent Department 3850 Hamlin Road</li> </ul> </li> <li>Auburn Hills Michigan 48326 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)BUCHMANN Daniel</li> <li>2)FITTING Thomas</li> <li>3)SCHUMNIG Oliver</li> </ul> </li> </ul>
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(57) Abstract :

THE INVENTION RELATES TO AN EXHAUST GAS TURBOCHARGER (1) HAVING A TURBINE HOUSING (2) HAVING A COMPRESSOR HOUSING (3) HAVING A BEARING HOUSING (4) WHICH HAS A BEARING HOUSING AXIS (L) AND HAVING A CONNECTING DEVICE (5) FOR CONNECTING THE BEARING HOUSING (4) TO THE COMPRESSOR HOUSING (3) AND/OR THE TURBINE HOUSING (2) WHICH HAS A PLURALITY OF CONNECTING ELEMENTS (6) WHICH EACH HAVE A CONNECTING ELEMENT END FACE (7) AND WHICH HAS A NUMBER OF BORES (8) IN THE COMPRESSOR HOUSING (3) WHICH CORRESPONDS TO THE NUMBER OF CONNECTING ELEMENTS (6) WHEREIN THE BORES (8) AND THE CONNECTING ELEMENTS (6) INSERTED INTO THE BORES (8) ARE ARRANGED AT AN ACUTE ANGLE WITH RESPECT TO THE BEARING HOUSING AXIS (L) AND THE CONNECTING ELEMENT END FACES (7) REST ON AN ASSOCIATED BEARING SURFACE (9) OF THE BEARING HOUSING (4) AND/OR TURBINE HOUSING (2).

No. of Pages : 10 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :23/08/2013

### (54) Title of the invention : A PROCESS OF REDUCING CONTENT OF FREE FATTY ACIDS IN AN OIL

(51) International classification	:C11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJAN SKHARIYA
(32) Priority Date	:NA	Address of Applicant :610, SOM DUTT CHAMBERS-II,
(33) Name of priority country	:NA	BHIKAJI CAMA PLACE, NEW DELHI-110066, INDIA Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAN SKHARIYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process of reducing content of free fatty acids in an oil. The process comprises continuously receiving the degummed and bleached feedstock in a reactor for reaction with glycerol at a temperature in a range of 160 °C to 200 °C to convert free fatty acids into triglycerides and water and/or water vapours. The process further comprises continuously extracting water and/or water vapours from the reactor and passing the oil having triglycerides for further downstream processing.

No. of Pages : 11 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 27/02/2015

:H02M3/155	(71)Name of Applicant :
:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
:NA	Japan
:PCT/JP2011/073216	(72)Name of Inventor :
:07/10/2011	1)TAKAMATSU Naoyoshi
:WO 2013/051152	2)OKAMURA Masaki
·NIA	
.11A	
:NA	
:NA	
	:NA :NA :NA :PCT/JP2011/073216 :07/10/2011 :WO 2013/051152 :NA :NA :NA

### (54) Title of the invention : VOLTAGE CONVERSION DEVICE CONTROL DEVICE AND METHOD

(57) Abstract :

A voltage conversion device control device (30) comprises: a duty command signal generation means (210) for generating a duty command signal corresponding to the duty ratio of switching elements; a carrier signal generation means (250) for generating a carrier signal corresponding to the switching frequency of the switching elements; switching control signal generation means (231 232) for generating switching control signals for switching the on off states of the switching elements by comparing the duty command signal with the carrier signal; a one side arm driving control means (270) for achieving a one side arm drive by alternatively turning on first and second switching elements; and a phase inverting means (280) for when the arms are switched bringing the carrier signal corresponding to the first switching element and the carrier signal corresponding to the second switching element into a state in which the phases are inverted to each other at least immediately after the arms are switched.

No. of Pages : 42 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PYRROLOPYRIMIDINE COMPOUNDS FOR THE TREATMENT OF CANCER (51) International classification :C07D471/04 (71)Name of Applicant : (31) Priority Document No 1)THE UNIVERSITY OF NORTH CAROLINA AT :61/542392 (32) Priority Date :03/10/2011 CHAPEL HILL (33) Name of priority country Address of Applicant :308 Bynum Hall Campus 4105 Chapel :U.S.A. :PCT/US2012/058298 Hill North Carolina 27599 4105 U.S.A. (86) International Application No Filing Date :01/10/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/052417 1)WANG Xiaodong (61) Patent of Addition to Application 2)LIU Jing :NA Number 3)ZHANG Weihe :NA Filing Date 4)FRYE Stephen (62) Divisional to Application Number :NA 5)KIREEV Dmitri Filing Date :NA

(57) Abstract :

The ectopic expression of Mer receptor tyrosine kinase (Mer) has been identified as a tumor cell survival gene product in Acute Lymphoblastic Leukemia (ALL) cells and a potential cause of ALL chemoresistance. Hence we investigated whether the development of small molecule Mer inhibitors was possible. A first aspect of the present invention is a compound (sometimes referred to as an active compound herein) of Formula I IA or IB.

No. of Pages : 50 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : GA	AS ANALYSIS 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</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 :G01N1/22,G01N1/00,G01N31/00 :2011225294 :12/10/2011 :Japan :PCT/JP2012/072382 :03/09/2012 :WO 2013/054609 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HORIBA Ltd.</li> <li>Address of Applicant :2 Miyanohigashi cho Kisshoin Minami ku Kyoto shi Kyoto 6018510 Japan</li> <li>(72)Name of Inventor :</li> <li>1)NAKATANI Shigeru</li> </ul>

(57) Abstract :

In order to degrade residual urea without leakage thereof included in exhaust gas discharged from an internal combustion engine and accurately measure the amount of residual urea and to prevent pulverulent urea from sticking to a sensor or the like and thereby adversely effecting measurement precision and reliability a gas analysis apparatus (100) is provided with a filter unit (4) which is disposed between a collection port (111) and generated matter measurement mechanisms (21 22) inside a mixed gas collection tube (1) and which gathers urea either in a solid state within a mixed gas or in a state in which the urea is dissolved into water.

No. of Pages : 49 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : TRANSDUCER ASSEMBLY FOR AN ULTRASONIC FLUID 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 Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(2) Distributed to Application Number</li> </ul>	:21/07/2006 : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DANIEL MEASUREMENT AND CONTROL INC. Address of Applicant :11100 Brittmore Park Drive, Houston Texas 77041, USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)HENRY C. STRAUB, JR.</li> <li>2)CHARLES R. ALLEN</li> </ul>
(62) Divisional to Application Number Filed on	:1197/DELNP/2008 :12/02/2008	

(57) Abstract :

A method comprising: disconnecting a wiring harness that electrically couples electronics of an ultrasonic meter to a transducer assembly; removing the transducer assembly as a single unit from transducer housing; inserting a replacement transducer assembly as a single unit into the transducer housing; and reconnecting the wiring harness.

No. of Pages : 22 No. of Claims : 6

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HEATING-TYPE BALLOON CATHETER DEVICE, AND ELASTIC TUBE DEVICE AND VIBRATOR DEVICE FOR THE CATHTER DEVICE

(51) International classification	:A61M25/00, A61B18/04, A61B18/12	<ul> <li>(71)Name of Applicant :</li> <li>1)Toray Industries, Inc.</li> <li>Address of Applicant :1-1, Nihonbashi-Muromachi 2-Chome,</li> </ul>
(31) Priority Document No	:2003-432986	Chuo-ku, Tokyo 1038666 (JP) Japan
(32) Priority Date	:26/12/2003	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)HASEBE, Kazunari
(86) International Application No	:PCT/JP2004/000816	
Filing Date	:29/01/2004	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:3670/DELNP/2006	
Filed on	:26/06/2006	

(57) Abstract :

An elastic tube (40) is connected to the base end portion of a catheter body (1) having a balloon (2) at its top end portion. When the tube (40) is set at a vibrator device (RP), the end portion side of the tube, projecting outside, works as a margin volume portion (40A). A roller (53) of the vibrator device (RP) can have a shut-off state where the elastic tube (40) is pressed and completely closed, and a communication state where the tube cannot be pressed. When the roller (53) is rotated in a predetermined direction with the inside of a route from the balloon (2) up to the elastic tube (40) filled up with a liquid for heating, the liquid in the tube (40) is pressed toward the margin volume portion (40A) in the shut-off state, while in the communication state, the pressurized liquid in the margin volume portion (40A) flows back to the balloon side. Repeating the pressurizing and the backflow vibrates the liquid in the balloon (2). When the balloon (2) is larger, the length (V) of the margin volume portion (40A) is made longer, so that adequate vibration in accordance with the size of the balloon can be applied.

No. of Pages : 32 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A GLASS CERAMIC MATERIAL AND ITS PRODUCTION 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> <li>No</li> <li>Filing Date</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)PINARCI Tamer <ul> <li>Address of Applicant :Fatih Mahallesi Cengiz Topel Caddesi</li> </ul> </li> <li>Babaros Sokak Gul Evleri A2 Blok Daire:10 Buyukcekmece</li> <li>Istanbul Turkey</li> <li>(72)Name of Inventor : <ul> <li>1)DOLEKCEKIC Emrah</li> </ul> </li> </ul>
(87) International Publication No	:WO 2013/050889	
<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 :

This invention relates to a glass ceramic material and its production method wherein glass ceramics having low expansion coefficient are produced ecologically and whereby said method comprises the steps of raw material batch preparation (101) melting (102) batch compensation to final composition (103) refining of the gas bubbles (104) shaping process (105) and ceramization (106). Preferably the glass ceramic comprises in wt%: 60 70 SiO 15 25 AIO 0.5 5 BO 3 8 LiO 0.5 2 NaO 0.1 0.8 KO 0.1 1.5 BaO 0 0.5 CaO 1 2.5 ZnO 1 4 TiO 1 4 ZrO 0.1 2.5 PO 0 0.5 MgO. The batch compensation step (103) consists in adding 0.5 5 wt% BO and 0.1 2.5 wt% PO during the melting process (102). Instead of oxide raw materials carbonates (e.g. LiCO) nitrates (e.g. KNO) or sulphates are used.

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:F24F7/06	(71)Name of Applicant :
(31) Priority Document No	:2011219659	1)KOKEN LTD.
(32) Priority Date	:03/10/2011	Address of Applicant :7 Yonban cho Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1028459 Japan
(86) International Application No	:PCT/JP2012/066033	(72)Name of Inventor :
Filing Date	:22/06/2012	1)SUZUKI Taketo
(87) International Publication No	:WO 2013/051311	2)KAKINUMA Tomoyuki
(61) Patent of Addition to Application	:NA	3)NITTA Kozo
Number	:NA :NA	4)FUJISHIRO Yuki
Filing Date	.1NA	5)FUKIURA Kazuma
(62) Divisional to Application Number	:NA	6)SATO Takahiro
Filing Date	:NA	

### (54) Title of the invention : PURIFIED AIR DISCHARGE DEVICE

(57) Abstract :

A purified air discharge device is provided with a push hood (2) which has an air flow discharge surface (23) for discharging a uniform flow of purified air. The push hood (2) is provided with a side air discharge section (28) which causes a flow of purified air to strike a peripheral wall which is formed when the push hood (2) is installed and which is located close to the peripheral edge of the air flow discharge surface (23) of the push hood (2).

No. of Pages : 25 No. of Claims : 6

(54) Title of the invention : SEQUENTIALLY PRIMED PRINTED SUBSTRATE

(21) Application No.2784/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (51) International classification :B41M7/00,B41M5/00 (71)Name of Applicant : (31) Priority Document No **1)THE PROCTER & GAMBLE COMPANY** :61/551260 (32) Priority Date Address of Applicant :One Procter & Gamble Plaza Cincinnati :25/10/2011 (33) Name of priority country Ohio 45202 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/061769 (72)Name of Inventor : **1)KOHLWEYER** Christian Filing Date :25/10/2012 (87) International Publication No :WO 2013/063178 2)WEBER Christian (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A sequentially primed printed substrate (10) and method of forming the printed substrate are provided. The substrate is formed by the steps of: 1) providing a film (20) printed with one or more layers of ink (30); 2) applying a layer of primer (40) to the ink and/or film; 3) drying or curing the layer of primer; 4) applying a layer of radiation curable varnish (50) to the primer coated film; and 5) curing the varnish.

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

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

	(71)Name of Applicant : 1)ANVIL SEMICONDUCTORS LIMITED
(32) Priority Date:26/10/2011(33) Name of priority country:U.K.(86) International Application No:PCT/GB2012/052627	Address of Applicant :Windmill Industrial Estate Birmingham Road Allesley Coventry Warwickshire CV5 9QE U.K. (72)Name of Inventor : 1)WARD Peter

(57) Abstract :

A method comprises providing a monocrystalline silicon wafer (11) having a principal surface (17) which supports a masking layer (24) for example silicon dioxide or polycrystalline silicon having windows (25) to expose corresponding regions of the silicon wafer forming silicon carbide seed regions (30) on the exposed regions of the wafer for example by forming carbon and converting the carbon into silicon carbide and growing monocrystalline silicon carbide (31) on the silicon carbide seed regions. Thus monocrystalline silicon carbide can be formed selectively on the silicon wafer which can help to avoid wafer bow.

No. of Pages : 27 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (51) International classification :H04W80/12 (71)Name of Applicant : 1) TENCENT TECHNOLOGY (SHENZHEN) COMPANY (31) Priority Document No :201110297975.1 (32) Priority Date :28/09/2011 LIMITED Address of Applicant :Room 403 East Block 2 SEG Park (33) Name of priority country :China (86) International Application No :PCT/CN2012/078859 Zhenxing Road Futian District Shenzhen Guangdong 518057 Filing Date :19/07/2012 China (87) International Publication No :WO 2013/044671 (72)Name of Inventor : (61) Patent of Addition to Application 1)LIU Jing :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : INTERNET ACCESS METHOD TERMINAL AND STORAGE MEDIUM

#### (57) Abstract :

Disclosed are an Internet access method a terminal and a storage medium. The method includes: sending to a second server by a first server a request to access a webpage; when a terminal confirms that the webpage access has failed encapsulating the address information of the webpage to be accessed into a webpage access request with the destination address thereof being the address of a forwarding server and sending same to the second server via the first server and the forwarding server; and receiving and displaying the webpage content fed back by the second server via the forwarding server and the first server. The present invention can be applied to improve the reliability of the Internet access system and improve the application service experience of the user.

No. of Pages : 33 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : USE OF COMPOSITIONS COMPRISING 1 1 1 2 3 PENTAFLUOROPROPANE AND OPTIONALLY Z 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE IN POWER CYCLES

<ul> <li>(51) International classification</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>	:C09K5/04 :61/554791 :02/11/2011 :U.S.A. :PCT/US2012/063448 :02/11/2012 :WO 2013/067450 :NA :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 19899 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KONTOMARIS Konstantinos</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method is provided for converting heat from a heat source to mechanical energy. The method comprises heating a working fluid using heat supplied from the heat source; and expanding the heated working fluid to lower the pressure of the working fluid and generate mechanical energy as the pressure of the working fluid is lowered. The method is characterized by using a working fluid comprising HFC 245eb and optionally Z HFO 1336mzz. A power cycle apparatus containing a working fluid to convert heat to mechanical energy is also provided. The apparatus is characterized by containing a working fluid comprising HFC 245eb and optionally Z HFO 1336mzz. A working fluid comprising HFC 245eb and optionally Z HFO 1336mzz. A working fluid comprising HFC 245eb and optionally Z HFO 1336mzz is also provided. The working fluid comprising HFC 245eb and optionally Z HFO 1336mzz is also provided. The working fluid comprising HFC 245eb and optionally Z HFO 1336mzz is also provided. The working fluid comprising HFC 245eb and optionally Z HFO 1336mzz is also provided. The working fluid comprising HFC 245eb and optionally Z HFO 1336mzz is also provided. The working fluid (i) further comprises E HFO 1336mzz (ii) has a temperature above its critical temperature or both (i) and (ii).

No. of Pages : 38 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:B01D35/30	(71)Name of Applicant :
(31) Priority Document No	:2011904047	1)EVOQUA WATER TECHNOLOGIES LLC
(32) Priority Date	:30/09/2011	Address of Applicant :4800 North Point Parkway Suite 250
(33) Name of priority country	:Australia	Alpharetta GA 30022 U.S.A.
(86) International Application No	:PCT/US2012/055715	(72)Name of Inventor :
Filing Date	:17/09/2012	1)BILTOFT Bruce Gregory
(87) International Publication No	:WO 2013/048801	2)COLLIGNON Michael
(61) Patent of Addition to Application	:NA	3)MCMAHON Robert James
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
( <b>57</b> ) <b>A</b> 1. stars at a		•

#### (54) Title of the invention : IMPROVED MANIFOLD ARRANGEMENT

(57) Abstract :

Provided is an improved filtration module assembly comprising a vessel having a filtration cartridge disposed within it and a header coupled to an end of the vessel the header including a housing having an open ended upper end and a lower end and an end cap including a portion that mates with a complimentary structure defined by the inner all of the open ended upper end of the housing to removable engage with the housing and the end cap may further define a passageway for fluid to flow out of the vessel. The filtration module assembly may enable an improved manifold arrangement used to communicate fluids to and from a filtration system comprising a plurality of such modules and the configurations of the present invention may facilitate improved operation of such filtration systems.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : POWER CONVERTER CONTAINED BASE, LAMP WITH POWER CONVERTER CONTAINED BASE AND LAMP WITH SEPARABLE POWER CONVERTER CONTAINED BASE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H05B, A47C :101135470 :27/09/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)CHANG WAH ELECTROMATERIALS INC. Address of Applicant :6F, No. 16, East 7th Street Nan-Tze Export Processing Zone, Kaohsiung. Taiwan, R.O.C Taiwan</li> </ul>
(33) Name of priority country	:Taiwan	(72)Name of Inventor :
(86) International Application No	:NA	1)TSAI, WEN-KUE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention discloses a power converter contained base, lamp with power converter contained base and lamp with separable power converter contained base. The power converter contained base comprises a first commercial standard base, fundament, cover, power converter and a first connector. The fundament comprises a first opening connected to the commercial standard base and a second opening where the cover disposed. A containing space may be defined by the cover, base and the first commercial standard base. The power converter may be disposed inside the containing space. The first connector may be disposed on the cover or the fundament to be connected with a second connector of a light-emitting member to make the four elements, the first commercial standard base, the power converter, the one of or the combination of two or three of, the fundament, the cover and the connector, and the light-emitting member become electrically connected.

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(54) Title of the invention : SECURITY DEVICES

#### (43) Publication Date : 27/02/2015

#### (51) International classification :G03C5/08,G03C5/60,B42D15/00 (71)Name of Applicant : **1)DE LA RUE INTERNATIONAL LIMITED** (31) Priority Document No :1117530.4 (32) Priority Date :11/10/2011 Address of Applicant :De La Rue House Javs Close Viables Basingstoke Hampshire RG22 4BS U.K. (33) Name of priority country :U.K. (72)Name of Inventor : (86) International Application :PCT/GB2012/052522 1)LISTER Adam No :11/10/2012 Filing Date (87) International Publication :WO 2013/054119 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract :

A security device is disclosed comprising: an at least semi transparent layer exhibiting a first pattern of regions having a high optical density and/or a raised surface profile relative to intervening regions of the layer; and a colour layer exhibiting a second pattern of elements of at least one colour. The first and second patterns at least partially overlap one another and are configured such that when the device is viewed from at least one side the appearance of the device varies at different viewing angles. Where the first pattern is of raised regions the colour layer follows the contours of the raised regions. Also disclosed is a method of manufacturing the security device. In addition a security device is disclosed comprising: a first photosensitive film exhibiting a pattern of regions of a predetermined wavelength to which the photosensitive film is responsive; and a colour layer overlapping the pattern exhibited by the first photosensitive film. The photosensitive film is adapted to exhibit an increase in optical density upon exposure to radiation of a predetermined wavelength and concurrent or subsequent heating the increase in optical density being due to the formation of bubbles within the photosensitive film.

No. of Pages : 78 No. of Claims : 67

#### (19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : SELF-PROPELLED CIVIL ENGINEERING MACHINE SYSTEM WITH FIELD ROVER

<ul> <li>(51) International classification</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>	:G01S :61/713,076 :12/10/2012 :U.S.A. :NA :NA	, 0
(87) International Publication No	: NA	2)BARIMANI, Cyrus
(61) Patent of Addition to Application Number	:NA	3)H,,HN, G <sup>1</sup> /anter
Filing Date	:NA	4)BERNING, Christian
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A civil engineering machine has a machine control unit configured to determine data which defines the position and/or orientation of a reference point on the civil engineering machine in relation to a reference system independent of the position and orientation of the civil engineering machine. A geometrical shape to be produced on the ground is preset in either a machine control unit or a field rover control unit. The field rover is used to determine a position of at least one identifiable point of the preset geometrical shape in the independent reference system. Curve data defining a desired curve in the independent reference system, corresponding to the preset shape, is determined at least partially on the basis of the position of the at least one identifiable point of the preset geometrical shape in the independent reference system.

No. of Pages : 75 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:2011224198 :11/10/2011 :Japan :PCT/IB2012/001969 :05/10/2012 :WO 2013/054166 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471</li> <li>8571 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TOKOZAKURA Daisuke</li> <li>2)MURAKAMI Akira</li> <li>3)TAKAHASHI Yuya</li> <li>4)ICHIGE Keisuke</li> <li>5)IRITANI Masanori</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)IRITANI Masanori 6)SUZUKI Hideyuki

#### (54) Title of the invention : TOOTHED WHEELS AND TRANSMISSION

(57) Abstract :

A pair of toothed wheels that mesh with each other includes a plateau portion. The surface of the plateau portion is a plateau structure surface formed on each tooth face (15b 16b) of each of the pair of the toothed wheels (15 16) with peak portions (30a) of convexities (30) out of a plurality of concavities (31) and the convexities (30) provided on the each tooth face being flat. A reduced valley depth Rvk of the plateau portion of one of the pair of the toothed wheels as defined in JISB0671 2 is greater than the reduced valley depth Rvk of the plateau portion of the other of the pair of the toothed wheels. The area occupied by the concavities (31) in the plateau portion of the other toothed wheels is larger than the area occupied by the concavities (31) in the plateau portion of the other toothed wheels.

No. of Pages : 29 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : A METHOD FOR INFERRING CLUTCH ENGAGEMENT STATE

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:1217945.3	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:08/10/2012	Address of Applicant : FAIRLANE PLAZA SOUTH, SUITE
(33) Name of priority country	:U.K.	800, 330 TOWN CENTER DRIVE, DEARBORN, MICHIGAN
(86) International Application No	:NA	48126, USA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PETRIDIS, THEMI PHILEMON
(61) Patent of Addition to Application Number	:NA	2)HALLERON, IAN
Filing Date	:NA	3)HESKETH, DAVID
(62) Divisional to Application Number	:NA	4)CHRISTEN, URS
Filing Date	:NA	

(57) Abstract :

A method is disclosed for inferring the engagement state of a clutch 8 without necessarily relying on the output from a clutch position sensor 26. The method uses various engine and vehicle operating parameters and combines these to determine whether it is safe to infer that the clutch 8 is disengaged. In a particularly advantageous use of the output from the inferred clutch state method, a SIG system uses the inferred state to determine whether to perform a SIG engine stop and a SIG engine restart.

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : A METHOD FOR UPGRADING AN OIL A FUEL PRODUCT AND A HYDROCARBON PRODUCT FRACTION

<ul> <li>(51) International classification</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>	:C10G7/04 :11187325.3 :31/10/2011 :EPO :PCT/EP2012/071607 :31/10/2012 :WO 2013/064563	<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</li> <li>The Hague Netherlands</li> <li>2)SHELL OIL COMPANY</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 :NA	<ul> <li>(72)Name of Inventor 1</li> <li>1)BUS Karin</li> <li>2)HAAN Johannes Pieter</li> <li>3)DIJS Ivo Johannes</li> <li>4)NIEUWHOF Arjen</li> </ul>

#### (57) Abstract :

A method for upgrading of a pyrolysis oil. The method comprises evaporating water from a mixture of the pyrolysis oil and a hydrocarbon having an atmospheric boiling point of at least 130 °C. The method yields a de watered pyrolysis oil mixture. In a preferred embodiment the method additionally comprises converting the de watered pyrolysis oil mixture in a hydrocarbon conversion process and separating the product of the hydrocarbon conversion process to obtain hydrocarbon product fractions. Also claimed: a fuel product and a hydrocarbon product fraction.

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

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : MRI CATHETER WITH RESONANT FILTER :A61B, (71)Name of Applicant : (51) International classification 1)BIOSENSE WEBSTER (ISRAEL) LTD. A61N Address of Applicant :4 HATNUFAH STREET, P.O. BOX (31) Priority Document No :13/633.931 (32) Priority Date :03/10/2012 275-YOKNEAM 20692, ISRAEL (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No :NA **1)ASSAF GOVARI** Filing Date :NA 2)CHRISTOPHER THOMAS BEECKLERQ (87) International Publication No : NA **3)ATHANASSIOS PAPAIOANNOU** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A medical probe includes a flexible insertion tube having a distal end for insertion into a body cavity and having a proximal end. The probe further includes an 5 electrode attached to the distal end of the insertion tube and configured to make electrical contact with tissue in the body cavity. An electrical lead runs through the insertion tube between the distal and proximal ends. In addition a coil is electrically coupled 0 between the electrode and the lead in the insertion tube so as to define a resonant circuit having a resonant frequency in a range between 1 MHz and 300 MHz.

No. of Pages : 21 No. of Claims : 22

#### (19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : FORMULATION WITH DEFOAMER		
(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:61/719,627	1)ROHM AND HAAS COMPANY
(32) Priority Date	:29/10/2012	Address of Applicant :100 INDEPENDENCE MALL WEST,
(33) Name of priority country	:U.S.A.	PHILADELPHIA, PENNSYLVANIA 19106, USA U.S.A.
(86) International Application No	:NA	2)DOW GLOBAL TECHNOLOGIES LLC
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUDHAKAR BALIJEPALLI
(61) Patent of Addition to Application Number	:NA	2)LAUREL A. RUFE
Filing Date	:NA	3)MELINDA H. KEEFE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition comprising an aqueous dispersion of a binder and from 0.01 to 2 weight percent, based on the weight of the binder, of a defoamer characterized by the following structure: CH3 CH3 CH3 CH3 (CH3)3SiO(-SiO)-fSi04SiO(-SiO)-SiO(CH3)3 CH3 R1 CH3 R2 wherein R, R, x, y, m, and n are defined herein. The composition of the present invention is especially useful in reducing foam formation in a low VOC paint formulation.

No. of Pages : 15 No. of Claims : 9

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : COMPOSITE	CANNULA	
<ul> <li>(51) International classification</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>	:A61M5/00 :2011903736 :13/09/2011 :Australia	<ul> <li>(71)Name of Applicant :</li> <li>1)SSB TECHNOLOGY PTY LTD Address of Applicant :Caribbean Business Park 1 Dalmore Drive Scoresby Victoria 3179 Australia (72)Name of Inventor : 1)AESCHLIMANN Andreas </li> </ul>
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

The present invention provides a cannula comprising of a core needle and a sleeve the core needle and sleeve spaced by conduit forming projections. The projections may be aligned axially along the surface of the core needle or the inner surface of the sleeve. Engagement of the core needle with a sleeve forms a composite needle having one or multiple conduits for fluid transfer the length of the cannula. Engagement of the core needle and sleeve may be enhanced with different engagement means. Preferably the core needle and sleeve comprise of polymeric materials. The invention most advantageously can be produced without the need for a core pin in the formation of the core needle or sleeve. A composite needle may incorporate a sharp tip for penetration of materials and a side port for transfer of fluids. Alternatively the composite needle may be blunt at the tip.

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : VALVE FOR ADMINISTRATION OF A PLURALITY OF DRUG 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 <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>	:A61M39/22,F16K11/085 :11509320 :10/10/2011 :Sweden :PCT/SE2012/050630 :12/06/2012 :WO 2013/055278 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CYTO365 AB <ul> <li>Address of Applicant :c/o Micael Trnblom Freningsgatan 33A</li> <li>S 254 41 Helsingborg Sweden</li> <li>(72)Name of Inventor :</li> <li>1)T–RNBLOM Micael</li> </ul> </li> </ul>
<ul><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA	

#### (57) Abstract :

In accordance with the present inventive concept there is provided a valve for administration of a plurality of drug fluids such as cytostatics. The valve comprises: a housing having a plurality of circumferentially distributed primary inlets for receiving a respective one of the drug fluids and a secondary inlet for receiving a secondary fluid such as a neutral fluid an outlet and a valve member arranged in the housing. The housing has a plurality of primary valve positions in each of which an associated one of the primary inlets is connected to the outlet and a plurality of intermediary valve positions in each of which the secondary inlet is connected to the outlet. Moreover the valve member has a outer surface sealingly engaging an inner surface of the housing such that the primary and secondary inlets are sealingly connected to openings arranged in the outer surface of the valve member in each of the primary and intermediary valve positions.

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : DIRECT REDUCED IRON PRODUCTION 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>	:2011251967 :17/11/2011 y:Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SAKAGUCHI Masakazu</li> <li>2)HIRAYAMA Haruaki</li> </ul>
Filing Date	:16/11/2012	3)SUSAKI Makoto
(87) International Publication	<sup>1</sup> :WO 2013/073663	4)ISHIDA Kazuo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THIS DIRECT REDUCED IRON PRODUCTION SYSTEM IS PROVIDED WITH: A GAS REFORMER (51) THAT REFORMS NATURAL GAS BY SUPPLYING STEAM; A GAS HEATER (56) WHICH IS A HEATING MEANS FOR HEATING THE REFORMED GAS (52) REFORMED BY THE GAS REFORMER (51) TO A PRESCRIBED TEMPERATURE AND SUPPLYING SAID REFORMED GAS TO A REDUCTION FURNACE; A DIRECT REDUCTION FURNACE (13) THAT USES A HIGH TEMPERATURE REDUCED GAS (11) CONTAINING HYDROGEN (H) AND CARBON MONOXIDE (CO) TO DIRECTLY REDUCE IRON ORE (12A) TO REDUCED IRON (12B); AN ACID GAS REMOVAL APPARATUS (16) COMPRISING AN ACID GAS COMPONENT ABSORPTION TOWER (16A) THAT REMOVES ACID GAS COMPONENTS IN A REDUCTION FURNACE EXHAUST GAS (14) DISCHARGED FROM THE DIRECT REDUCTION FURNACE (13) USING AN ACID GAS ABSORBING LIQUID (15) AND A REGENERATION TOWER (16B) THAT RELEASES ACID GAS; AND A RECOVERED GAS INTRODUCTION LINE (L) THAT SUPPLIES RECOVERED GAS (14B) WHICH CONTAINS CARBON DIOXIDE (CO) AND HYDROGEN SULFIDE (HS) RELEASED FROM THE REGENERATION TOWER (16B) TO THE REFORMING FURNACE OF THE GAS REFORMER (51) AND THE FURNACE OF THE GAS HEATER (56).

No. of Pages : 27 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PATTERN FOR ENCODING DIGITAL INFORMATION ON A SURFACE AND MARKING AND **READING METHODS**

(51) International classification	:G06K19/06	(71)Name of Applicant :
(31) Priority Document No	:N/A	1)SICPA HOLDING SA
(32) Priority Date	: -	Address of Applicant : Av. de Florissant 41 CH 1008 Prilly
(33) Name of priority country	:	Switzerland
(86) International Application No	:PCT/EP2011/070186	(72)Name of Inventor :
Filing Date	:15/11/2011	1)DECOUX Eric
(87) International Publication No	:WO 2013/071960	2)VUISTINER Dave
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract :

The invention relates to a pattern for encoding digital information on a surface including a specific arrangement (P1) of a plurality of symbols belonging to a set of symbols (ENS1) wherein each symbol in the arranges is intended for encoding a portion of said digital information characterized in that each symbol consists of at least one differential pair of elements (E1 E2) arranged in a specific manner each element being characterized by a parameter the parameter of the first element of each differential pair having a first value and the parameter of the second element of each differential pair having a second value that is different from the first value.

No. of Pages : 47 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :11/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : BLAST FURNACE INSTALLATION (51) International classification :F27B1/20,F27D3/10,F27D99/00 (71)Name of Applicant : (31) Priority Document No :91 885 1)PAUL WURTH S.A. (32) Priority Date :11/10/2011 Address of Applicant :32 rue dAlsace L 1122 Luxembourg (72)Name of Inventor : (33) Name of priority country :Luxembourg 1)LONARDI Emile (86) International Application :PCT/EP2012/069697 2)ROCCHI Dominique No :05/10/2012 Filing Date **3)THILLEN Guy** (87) International Publication No:WO 2013/053644 **4)HAUSEMER Lionel** (61) Patent of Addition to **5)DE GRUITER Christian** :NA Application Number **6)VANDIVINIT Jeff** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A blast furnace installation comprises a blast furnace and a chute transmission gearbox (20); the blast furnace comprising a top cone (12) with a top cone ring (24) arranged thereon for receiving a connection flange (28) of the chute transmission gearbox (20). The connection flange (28) is directly fixed onto the top cone ring (24) by fixing means (32) for establishing a firm connection between the top cone ring (24) and the connection flange (28). According to an aspect of the present invention the connection flange (28) is fixed to the top cone ring (24) in three separated fixation regions (30 30 30) each fixation region (30 30 30) comprising one or more fixing means (32). According to a further aspect of the present invention the blast furnace installation also comprises a flexible sealing element (36) arranged around the perimeter of the connection between the top cone ring (24) and the chute transmission gearbox (20).

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

(12) PATENT APPLICATION PUBLICATION		(21) Application No.1763/DEL/2013 A
(19) INDIA		
(22) Date of filing of Application :13/06/2013		(43) Publication Date : 27/02/2015
(54) Title of the invention : ND-FE-B PERMANEN ELECTROMECHANICAL TRANSDUCER, WINI		/ITHOUT DYSPROSIUM, 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 <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>	:EP12189269 :19/10/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333</li> <li>MNCHEN, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)SEMMER SILVIO</li> <li>2)URDA ADRIANA CRISTINA</li> </ul>

#### (57) Abstract :

Nd-Fe-B permanent magnet without Dysprosium, rotor assembly, electromechanical transducer, wind turbine It is described a Nd-Fe-B permanent magnet (354) comprising 28-34 weight % of rare earth elements, wherein the content of Dy is smaller than 0.1 weight % and wherein the Nd-Fe-B permanent magnet (354) has a spatial extension (h) parallel to a magnetization direction of the Nd-Fe-B permanent magnet (354) which is larger than 30 mm. It is further described a rotor assembly (350) for an electro¬mechanical transducer (340), which rotor assembly (350) comprises at least one of such an Nd-Fe-B permanent magnet (354). Furthermore, it is described an electro¬mechanical transducer (340) comprising such a rotor assembly (350) and a wind turbine (100) comprising such an electromechanical transducer (340).

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

(19) INDIA

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

#### (54) Title of the invention : METHODS AND COMPOSITIONS FOR WEED 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>	:C12N15/82 :61/534066 :13/09/2011 :U.S.A. :PCT/US2012/054842 :12/09/2012 :WO 2013/040021 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MONSANTO TECHNOLOGY LLC</li> <li>Address of Applicant :800 North Lindbergh Boulevard Mail</li> </ol> </li> <li>Zone E1NA St. Louis Missouri 63167 U.S.A.</li> <li>(72)Name of Inventor : <ol> <li>ADER Daniel</li> <li>FINNESSY John J.</li> <li>KAPOOR Mahak</li> <li>LI Zhaolong</li> <li>MASUCCI James D.</li> <li>SHAH Ronak Hasmukh</li> <li>TAYLOR Jennifer Chou</li> <li>WANG Dafu</li> <li>YANG Heping</li> </ol> </li> </ul>
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(57) Abstract :

The present invention provides novel compositions for use to enhance weed control. Specifically the present invention provides for methods and compositions that modulate 4 hydroxyphenyl pyruvate dioxygenase in weed species. The present invention also provides for combinations of compositions and methods that enhance weed control.

No. of Pages : 73 No. of Claims : 31

### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : HOT MELT SYSTEMS, FEEDER DEVICES AND METHODS FOR MOVING PARTICULATE HOT MELT ADHESIVE

(51) International classification	:C03B	(71)Name of Applicant :
(31) Priority Document No	:61/712,414	1)NORDSON CORPORATION
(32) Priority Date	:11/10/2012	Address of Applicant :28601 CLEMENS ROAD,
(33) Name of priority country	:U.S.A.	WESTLAKE, OHIO 44145, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SING YI CHAU
(87) International Publication No	: NA	2)JUSTIN A. CLARK
(61) Patent of Addition to Application Number	:NA	3)WILLIAM M. RIDGE
Filing Date	:NA	4)LESLIE J. VARGA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Systems, feeder devices and methods for moving particulate hot melt adhesive from an adhesive supply to an adhesive melter. A feeder device includes a body having an inlet and an outlet, and an interior communicating with the inlet and the outlet. The inlet is configured to receive particulate hot melt adhesive from an outlet of the adhesive supply, and the outlet is configured to provide particulate hot melt adhesive to an inlet of the adhesive melter. The feeder device further includes a mechanical agitator positioned in the interior for urging the particulate hot melt adhesive in a flow direction toward the outlet.

No. of Pages : 36 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :11/04/2014

(54) Title of the invention : STABLE POVIDONE IODINE COMPOSITIONS

(43) Publication Date : 27/02/2015

#### (51) International classification :A01N29/00 (71)Name of Applicant : (31) Priority Document No 1)FORESIGHT BIOTHERAPEUTICS INC. :61/535667 (32) Priority Date Address of Applicant :50 W. 57th Street 15th Floor New York :16/09/2011 (33) Name of priority country NY 10019 U.S.A. :U.S.A. :PCT/US2012/055402 (72)Name of Inventor : (86) International Application No 1)CAPRIOTTI Joseph Filing Date :14/09/2012 (87) International Publication No :WO 2013/040347 2)LIANG Bo (61) Patent of Addition to Application 3)SAMSON C. Michael :NA Number **4)STEIN Jason** :NA Filing Date **5)WEISER Michael** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed herein are PVP I containing compositions as well as methods of making such compositions which provide reliable stability for PVP I preparations including preparations comprising PVP I and one or more additional components.

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

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

## (54) Title of the invention : ADHESIVE DISPENSING SYSTEM AND METHOD USING SMART MELT HEATER 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</li> </ul>	:F01N, B60H :61/718,311 :25/10/2012 :U.S.A. :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NORDSON CORPORATION Address of Applicant :28601 CLEMENS ROAD, </li> <li>WESTLAKE, OHIO 44145, USA U.S.A. </li> <li>(72)Name of Inventor : 1)BENJAMIN J. BONDESON</li></ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	2)PETER W. ESTELLE 3)KENT HAND
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

An adhesive dispensing system is configured to automatically reduce the temperature of adhesive material to reduce degradation of the adhesive caused by holding the adhesive at an application temperature during periods of low throughput. To this end, a controller of the system operates a heater unit to maintain a unit set point temperature to heat and melt adhesive until a set threshold time has elapsed since the most recent supply of adhesive to the system by a fill system. Once the time elapsed since the most recent supply of adhesive to the system by a fill system. Once the temperature of adhesive. This reduction is temperature is large enough to minimize degradation and outgassing but small enough to enable rapid warm-up times after a new supply of adhesive occurs.

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

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HOLDING FIXTURE FOR HOLDING AT LEAST ONE CABLE WITH AN AFFIXING MEMBER AND A CLAMPING MEMBER

(62) Divisional to Application Number :NA Filing Date :NA		:11181625.2 :16/09/2011 :EPO :PCT/EP2012/067692 :11/09/2012 :WO 2013/037746 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant :Diestsesteenweg 692 B 3010 Kessel Lo Belgium</li> <li>(72)Name of Inventor :</li> <li>1)VASTMANS Kristof</li> </ul>
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(57) Abstract :

The invention relates to a holding fixture (71) for holding at least one cable (72) with an affixing member (1) and a clamping member (40). In order to ensure that the clamping member (40) and the affixing member (1) are arranged in a holding position (H) in which the cable (72) is securely held the invention provides that the holding fixture (71) is provided with an indicator element (77 78) that is at least sectionwise laterally shielded by the clamping member (40) if the clamping member (40) is arranged before its holding position (H) and that is arranged in an indication position (I) in which it can easily be perceived if the clamping member (40) is arranged in its holding position (H).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION	Ν

(19) INDIA

(22) Date of filing of Application :08/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : NEW CATALYTIC SYSTEM (51) International classification :B01J23/50,B01J35/06,B01J35/00 (71)Name of Applicant : 1)DSM IP ASSETS B.V. (31) Priority Document No :11186918.6 Address of Applicant :Patent Department Het Overloon 1 NL (32) Priority Date :27/10/2011 (33) Name of priority country 6411 The Heerlen Netherlands :EPO (72)Name of Inventor : (86) International Application :PCT/EP2012/071221 **1)BONRATH Werner** No :26/10/2012 Filing Date 2)KIWI MINSKER Lioubov (87) International Publication 3)IOURANOV Igor :WO 2013/060821 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 structured catalyst based on sintered metal fibers (SMF) coated by a non acidic metal oxide layer impregnated with Pd and Agnanopartides characterized in that the ratio of the Pd:Ag is 1:1 to 10:1 as well as the use of such a catalyst in selective catalytic hydrogenations of organic compounds.

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : BRUSH CONTAINING MONO FILAMENTS CONTAINING POLYAMIDE 410

(57) Abstract :

This invention relates to a brush containing mono filaments containing a polyamide which comprises polyamide 410. Preferably the brush is a toothbrush.

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : NOVEL COATING 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</li> <li>Filing Date</li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:A23L1/00,A23L1/03,A23L1/035 :11185187.9 :14/10/2011 :EPO :PCT/EP2012/070119 :11/10/2012 :WO 2013/053793 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DSM IP ASSETS B.V. Address of Applicant :Patent Department Het Overloon 1 NL</li> <li>6411 The Heerlen Netherlands</li> <li>(72)Name of Inventor :</li> <li>1)DIGUET Sylvain</li> <li>2)LEUENBERGER Bruno H.</li> <li>3)LABOULFIE Fabien</li> <li>4)HEMATI Mehrdji</li> </ul>

(57) Abstract :

The present patent application relates to a novel coating system coated compositions with such a coating system as well as to the use of such compositions in the production food feed dietary supplements and/or pharmaceutical products as well as to food feed dietary supplements and/or pharmaceutical products comprising such compositions.

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

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : INPUT/OUTPUT MEMORY MANAGEMENT UNIT WITH PROTECTION MODE FOR PREVENTING MEMORY ACCESS BY I/O 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>(34) Priority Date</li> <li>(35) Priority Date</li> <li>(70) Potentian Publication</li> <li>NA</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>NA</li> <li>Filing Date</li> </ul>	<ul> <li>G06F21/57</li> <li>(71)Name of Applicant : <ul> <li>1)ADVANCED MICRO DEVICES INC.</li> <li>Address of Applicant :One AMD Place P.O. Box 3453</li> <li>Sunnyvale California 94088 U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)KEGEL Andrew G.</li> <li>2)PEREZ Ronald</li> <li>3)HUANG Wei</li> </ul> </li> </ul></li></ul>
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#### (57) Abstract :

A memory management unit is configured to receive requests for memory access from a plurality of I/O devices. The memory management unit implements a protection mode wherein the unit prevents memory accesses by the plurality of I/O devices by mapping memory access requests (from the I/O devices) to the same set of memory address translation data. When the memory management unit is not in the protected mode the unit maps memory access requests from the plurality of I/O devices to different respective sets of memory address translation data. Thus the memory management unit may protect memory from access by I/O devices using fewer address translation tables than are typically required (e.g. none).

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

#### (19) INDIA

(22) Date of filing of Application :11/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : COLD CONTACT ADHESIVES

(51) International classification	:C08G18/08,C08G18/10,C08G18/12	(71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No	:11185228.1	Address of Applicant : Alfred Nobel Str. 10 40789 Monheim
(32) Priority Date	:14/10/2011	Germany
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/070108 :11/10/2012	1)KRAUS Harald 2)ARNDT Wolfgang 3)WINTERMANTEL Matthias
(87) International Publication No	<sup>1</sup> :WO 2013/053786	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An aqueous dispersion comprising at least one polyurethane polymer with a melting temperature in the range of 30 °C to 50 °C and (cold contact) adhesives comprising such a polyurethane dispersion a method for creating an adhesive bonding and the use of such (cold contact)adhesives for creating an adhesive bonding.

No. of Pages : 17 No. of Claims : 16

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : USE OF COMPOSITIONS COMPRISING 1 1 1 2 3 PENTAFLUOROPROPANE AND OPTIONALLY Z 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE IN CHILLERS

<ul> <li>(51) International classification</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>	:C09K5/04 :61/554768 :02/11/2011 :U.S.A. :PCT/US2012/063442 :02/11/2012 :WO 2013/067445	<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 19899 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KONTOMARIS Konstantinos</li> </ul>
	:U.S.A.	Delaware 19899 U.S.A.
(86) International Application No	:PCT/US2012/063442	(72)Name of Inventor :
Filing Date	:02/11/2012	1)KONTOMARIS Konstantinos
(87) International Publication No	:WO 2013/067445	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method is provided for producing cooling in a chiller having an evaporator wherein a refrigerant composition is evaporated to cool a heat transfer medium. The method comprises evaporating a refrigerant composition comprising HFC 245eb and optionally Z HFO 1336mzz in the evaporator. Additionally a composition is provided comprising: (1) a refrigerant composition consisting essentially of HFC 245eb and Z HFO 1336mzz; (2) a lubricant suitable for use in a chiller; wherein the Z HFO 1336mzz in the refrigerant composition is at least about 41 weight percent. Also a chiller apparatus is provided comprising an evaporator a compressor a condenser and a pressure reduction device all of which are in fluid communication in the order listed and through which a refrigerant flows from one component to the next in a repeating cycle.

No. of Pages : 35 No. of Claims : 13

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SURGICAL INSTRUMENT AND METHOD OF POSITIONING AN ACETABULAR PROSTHETIC COMPONENT

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:61/707,904	1)DEPUY SYNTHES PRODUCTS, LLC
(32) Priority Date	:29/09/2012	Address of Applicant :325 PARAMOUNT DRIVE,
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767-0350, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RODNEY SATTERTHWAITE
(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 orthopaedic surgical instrument and method for positioning an acetabular prosthetic component in a patients surgically-prepared acetabulum is disclosed. The orthopaedic surgical instrument has a base configured to engage the patients pelvis, a first linkage pivotally coupled to the base, a locking mechanism operable to lock the first linkage in position relative to the base, and a second linkage removably coupled to the first linkage. The second linkage has an alignment axis corresponding to a desired abduction angle and a desired anteversion angle of the acetabular axis of the acetabular prosthetic component.

No. of Pages : 63 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : CLIP APPLIER ADAPTED FOR USE WITH A SURGICAL ROBOT

<ul> <li>(51) International classification</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>	:61/548989 :19/10/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati Ohio</li> <li>45242 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)PARIHAR Shailendra K.</li> <li>2)MARTIN David T.</li> <li>3)WOODARD James A. Jr.</li> <li>4)HABERSTICH Wells D.</li> </ul>
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(57) Abstract :

A clip applier adapted for use with a surgical robot is disclosed. The clip applier comprises a shaft having clips stored therein and jaws adapted for receiving a clip from the shaft. The shaft is in mechanical communication with a robotic mounting portion. The robotic mounting portion contains a gear drive assembly for rotating the shaft feeding clips into the jaws and forming clips in the jaws.

No. of Pages : 56 No. of Claims : 10

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : FISCHER TROPSCH REACTOR WITH INTEGRATED ORGANIC RANKINE CYCLE

<ul> <li>(51) International 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>	:13/270563 :11/10/2011 :U.S.A. :PCT/US2012/059666 :11/10/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)BP CORPORATION NORTH AMERICA INC. Address of Applicant :501 Westlake Park Boulevard Houston Texas 77079 U.S.A.</li> <li>2)MASSACHUSETTS INSTITUTE OF TECHNOLOGY</li> <li>(72)Name of Inventor :</li> <li>1)DIGENOVA Kevin J.</li> <li>2)HUFF JR. George A.</li> <li>3)BOTROS Barbara B.</li> <li>4)BRISSON John G.</li> </ul>
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(57) Abstract :

A process for recovering heat uses a product stream from a Fischer Tropsch synthesis reactor as the coolant in the same Fischer Tropsch reactor. This stream is then used as the working fluid in an associated organic Rankine cycle. In this manner the waste heat from the Fischer Tropsch reactor can be efficiently converted into shaft work within the Fischer Tropsch plant. The Fischer Tropsch fluid can then be recycled into the plant product stream.

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

## (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SOFTWARE DEFINED NETWORKING SYSTEMS AND METHODS VIA A PATH COMPUTATION AND CONTROL 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</li> </ul>	:H04Q :13/646,032 :05/10/2012 :U.S.A. :NA :NA :NA	,
8		IJONG, LINDON I.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Software Defined Networking systems and methods are described via a Path Computation and Control Element (PCCE) that is based in part on a Path Computation Element (PCE). A common, simple interface is designed based on an existing PCE interface that allows a centralized entity (i.e., a Path Computation and Control Element or PCCE) to control the initiation of new connections or tunnels and by default to manage the state of these connections or tunnels once established. In particular, the systems and methods create an extension to the PCE architecture to allow a centralized application or applications to control the creation, rerouting and deletion of connections within a network.

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

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

## (54) Title of the invention : PTEROSTILBENE AND STATIN COMBINATION FOR TREATMENT OF METABOLIC DISEASE CARDIOVASCULAR DISEASE AND INFLAMMATION

(51) International classification	:A61K38/00	(71)Name of Applicant :
(31) Priority Document No	:61/535143	1)CHROMADEX INC.
(32) Priority Date	:15/09/2011	Address of Applicant :10005 Muirlands Suite G Irvine CA
(33) Name of priority country	:U.S.A.	92618 U.S.A.
(86) International Application No	:PCT/US2012/055784	(72)Name of Inventor :
Filing Date	:17/09/2012	1)BARTOS Jeremy
(87) International Publication No	:WO 2013/040574	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

A pharmaceutical composition is provided comprising a therapeutically effective amount of pterostilbene a therapeutically effective amount of a statin compound and a pharmaceutically acceptable carrier. The embodiments of the pharmaceutical compositions can have lipid lowering properties or alternatively can have properties that can treat oxidative stress by decreasing inflammation or inflammatory processes contributing to neurodegenerative diseases. A method of lowering lipid levels in an individual is also provided comprising administering to the individual in need of such treatment a pharmaceutical composition including a therapeutically effective amount of a statin compound and a pharmaceutically acceptable carrier wherein lipid levels are decreased.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : DIMMABLE LED LIGHT FIXTURE HAVING ADJUSTABLE COLOR TEMPERATURE :H05B33/08 (71)Name of Applicant : (51) International classification 1)JUNO MANUFACTURING LLC (31) Priority Document No :13/230537 (32) Priority Date :12/09/2011 Address of Applicant :1300 South Wolf Road Des Plaines (33) Name of priority country :U.S.A. Illinois 60017 U.S.A. (86) International Application No :PCT/US2012/054838 (72)Name of Inventor : Filing Date :12/09/2012 1)BADDELA Srinivasa M. (87) International Publication No :WO 2013/040019 2)SERRA John G. (61) Patent of Addition to Application **3)GIELNIEWSKI Michael** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract :

Electronic circuitry for color mixing in an LED light fixture during AC power dimming is disclosed to achieve adjustable color temperature. According to one embodiment a dimmable LED light fixture has first second and third LED light sources the first and second LED light sources producing white light the third LED light source producing colored light the LED driver configured to power the LED light sources by providing a single channel variable DC current source having two output terminals and a current regulator for maintaining the current in the third LED light source path substantially constant as the LED driver output current is decreased when the AC power is reduced by the dimmer module thereby altering the color of the light produced by the combination of the LED light sources.

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

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SEMI PERMEABLE MEDIA SEALING AN ACTUATING SHAFT

<ul> <li>(51) International 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>	n:F02B39/00,F01D25/24,F16J15/54 :61/539614 :27/09/2011 :U.S.A. :PCT/US2012/053837 :06/09/2012	<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)HOUSE Timothy</li> </ul>
No	:WO 2013/048687	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To impede soot leakage around a shaft which extends through a bore connecting volumes of differing pressures e.g. a turbocharger turbine housing and the ambient air a soot seal is provided to capture particulate matter while allowing the passage of gas.

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

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : MELTPROCESSED FLUOROPOLYMER ARTICLE AND METHOD FOR MELT PROCESSING FLUOROPOLYMERS

(or) Factor of Fielder o	<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</li> <li>Number</li> </ul>	: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)SUPRIYA Lakshmi</li> <li>2)COMEAUX Christopher M.</li> <li>3)LEBOEUF Mathilde</li> </ul> </li> </ul>
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(57) Abstract :

A polymer article includes a meltprocessable blend of a melt viscid fluoropolymer and a liquid crystalline polymer. Methods are presented for preparing a meltprocessable blend from a melt viscid fluoropolymer and liquid crystalline polymer.

No. of Pages : 22 No. of Claims : 23

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR BUILDING STRUCTURES PARTICULARLY PASSAGES UNDER OPERATING RAILWAYS OR THE LIKE.

#### (57) Abstract :

Method for building structures, particularly passages under operating railways or the like. The invention relates to a method for considerably reducing the occurrence and duration of temporary service interruptions required for building underpasses. After temporarily interrupting service on the tracks (9) and placing said tracks perpendicular to the site in the embankment of the passage that is to be built, the top of the embankment is cleared of soil in order to allow the deck (4) to be built and sealed (7), then the work area is backfilled (8) and the tracks are put back in place in order to allow traffic to resume at the end of the service interruption period. The side walls (10) of the passage are built by digging channels down to the foundation, placing reinforcement and pouring cement therein, then the interior of the passage is graded in preparation for the eventual permanent bottom slab (16).

No. of Pages : 24 No. of Claims : 1

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

:NA

:NA

:NA

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HANGER FOR UNWRINKLING GARMENTS (51) International (71)Name of Applicant : :D06F73/00,D06F73/02,A47G25/06 classification 1)ROSIS Rosane Maria Damasceno Viegas De (31) Priority Document No :PI11039450 Address of Applicant : Rua Costa Aguiar 278 casa Ipiranga 04204 000 S£o Paulo SP Brazil (32) Priority Date :13/09/2011 (33) Name of priority country :Brazil (72)Name of Inventor : (86) International Application :PCT/BR2012/000347 1)ROSIS Rosane Maria Damasceno Viegas De No :12/09/2012 Filing Date (87) International Publication :WO 2013/037025

Filing Date (57) Abstract :

(61) Patent of Addition to

(62) Divisional to Application :NA

Application Number

Filing Date

No

Number

Hanger to Unwrinkling Garments is a device made with the purpose of sterilizing, sanitizing, deodorizing and smoothening clothes. The devices consists of an electromechanical and/or electro-electronic hanger designed for iron garments, with carries out the tasks of stretching and unwrinkling, besides sanitizing and deodorizing the garment by the application of vapor followed by drying. The concept of a hanger for unwrinkling garments consists in a device that stretches the garment before blowing vapor and the heater air through the garment. This combination of garment stretching and vapors blowing followed by hot air blowing is the concept that that ensures the garment is ironed. That solution intends freeing people from the process of ironing using electric iron. Therefore consists of an electric-electronic hanger, especially developed for ironing, running tasks of, stretch and unwrinkling, sterilize, sanitize and deodorize the clothes through vaporization and hot air. The device is composed by a steam / hot air generations unit, connected to one or several units of unwrinkling hangers units, by perforated ducts. Each hanger is composed by retractable/expandable elements that stretch the garments, perforated ducts to blow steam and heated air trough the garments.

No. of Pages : 9 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:C08K5/07	(71)Name of Applicant :
(31) Priority Document No	:2011238967	1)KAO CORPORATION
(32) Priority Date	:31/10/2011	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/JP2012/006964	(72)Name of Inventor :
Filing Date	:30/10/2012	1)MATSUO Toshiki
(87) International Publication No	:WO 2013/065291	2)JOKE Takashi
(61) Patent of Addition to Application	:NA	3)KATO Masayuki
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : BINDER COMPOSITION FOR MOLD FORMATION

(57) Abstract :

Disclosed is a binder composition for mold formation including: one or more 5 position substituted furfural compounds selected from the group consisting of 5 hydroxymethylfurfural and 5 acetoxymethylfurfural; and a furfurylated urea resin. The content of the 5 position substituted furfural compound(s) in the binder composition for mold formation is preferably from 1 to 30% by weight and the content of the furfurylated urea resin is preferably from 1 to 20% by weight.

No. of Pages : 35 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : COSMETIC CLEANSING COMPOSITION (51) International classification :A61K8/39,A61Q19/10,A61K8/36 (71)Name of Applicant : 1)LOREAL (31) Priority Document No :NA Address of Applicant :14 rue Royale 75008 Paris France (32) Priority Date :NA (33) Name of priority country (72)Name of Inventor : :NA 1)MARUYAMA Kazuhiko (86) International Application :PCT/JP2011/072495 No :22/09/2011 Filing Date (87) International Publication :WO 2013/042274 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 cosmetic composition in particular a cleansing composition preferably a cleansing cosmetic composition for the face. The cosmetic composition according to the present invention comprises (a) lauric acid (b) at least one fatty acid other than lauric acid (c) at least one anionic surfactant (d) at least one amphoteric surfactant and (e) at least one cationic polymer wherein the weight ratio of (a) lauric acid/ ( (a) lauric acid+(b) at least one fatty acid other than lauric acid) is 0.15 or less preferably 0.12 or less and more preferably 0.10 or less. The cosmetic composition according to the present invention can have both good foamability and good feeling of the skin after use.

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

(22) Date of filing of Application :11/04/2014

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : WINDSCREE	EN WIPER 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>	:B60S1/38 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FEDERAL MOGUL S.A. Address of Applicant :Avenue Champion B 6790 Aubange Belgium</li> <li>(72)Name of Inventor :</li> <li>1)BOLAND Xavier</li> </ul>

#### (57) Abstract :

A windscreen wiper device (1) of the flat blade type comprising an elastic elongated carrier element as well as an extruded elongated wiper blade (2) of a flexible material which wiper blade (2) includes a central longitudinal groove (3) in which groove (3) a longitudinal strip (4) of the carrier element is disposed with the special feature that said groove (3) extends in downward direction beneath the longitudinal strip (4) for forming a longitudinal hollow channel (18) defined by said longitudinal strip (4) and a bottom (19) of said groove wherein a height of said hollow channel (18) at the location of a middle longitudinal plane of said wiper blade (2) perpendicular to the windscreen to be wiped is defined by: 1/40 W = H = 1/5 W wherein W is a width of the longitudinal strip and wherein H is a height of the hollow channel at the location of a middle longitudinal plane of said wiper blade perpendicular to the windscreen to be wiped.

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

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A METHOD FOR CONTROLLING AN ENGINE DRIVE BELT TENSIONER SYSTEM (51) International classification :F16H (71)Name of Applicant : 1)FORD GLOBAL TECHNOLOGIES, LLC (31) Priority Document No :1220565.4 (32) Priority Date Address of Applicant :SUITE 800, 330 TOWN CENTER :15/11/2012 (33) Name of priority country DRIVE, DEARBORN MICHIGAN 48126, USA U.S.A. :U.K. (72)Name of Inventor: (86) International Application No :NA **1)KEES, DON ANDREAS JOSEPHINE** Filing Date :NA (87) International Publication No : NA 2)PETRIDIS, THEMI PHILEMON (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method for controlling an engine drive belt tensioner system 9, 30, 130 is disclosed in which, the engine 10 is controlled by an engine stop-start system and, when the engine stop-start system decides to stop the engine 10, the engine drive belt tensioner system 9, 30, 130 is operated so as to increase the tension in a respective drive belt 14 to a high level during the engine stop process. This reduces the time taken for the engine 10 to stop and will tend to reduce any tendency for reverse rotation of the engine 10 at the end of the stop phase.

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

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : MINIMAL ACCESS TRANSFER CONTROL FUNCTION REQUIREMENTS FOR SINGLE RADIO VOICE CALL CONTINUITY HANDOVER

<ul> <li>(51) International classification</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>	:H04W60/06 :61/543070 :04/10/2011 :U.S.A. :PCT/US2012/058397 :02/10/2012 :WO 2013/052440 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FIN 02610 Espoo Finland</li> <li>(72)Name of Inventor :</li> <li>1)WONG Curt</li> <li>2)LAHTINEN Lauri Kalevi</li> <li>3)MILINSKI Alexander</li> </ul>
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(57) Abstract :

A method apparatus and computer readable medium is provided for a reverse single radio voice call continuity handover procedure where an access transfer control function is only allocated dynamically during a call setup phase if the access transfer control function is needed to support the reverse single radio voice call continuity handover procedure.

No. of Pages : 66 No. of Claims : 42

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : FORWARD BOOST POWER CONVERTERS AND METHODS :H02M (71)Name of Applicant : (51) International classification 1)SOLANTRO SEMICONDUCTOR CORP. (31) Priority Document No :61/711,529 (32) Priority Date :09/10/2012 Address of Applicant :146 COLONNADE ROAD, SUITE 200 OTTAWA, ONTARIO K2E 7Y1, CANADA. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)SCARLATESCU, GABRIEL 2)ORR, RAYMOND KENNETH (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 3)KEYES, EDWARD Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Forward boost power converters, and related methods, are disclosed. In a switching mode power converter coupled between a first terminal pair and a second terminal pair, a first inductance is coupled to a first switch in a first circuit path across the first terminal pair. A capacitance is coupled to a second inductance in a second circuit path, and to the first inductance in a third circuit path. During their respective conduction periods, the first switch couples the first inductance across the first terminal pair, a second switch completes a circuit between the second terminal pair and one of: the second circuit path or the third circuit path, and a third switch completes the other of: the second circuit path and the third circuit path. Energy transfer involves both substantially linearly varying currents and substantially half sinusoidal current pulses.

No. of Pages : 61 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR PURIFYING PROTEIN

(57) Abstract :

The purpose of the invention is to provide a method for eluting adsorbed protein whereby lowering of the protein adsorption capacity is suppressed in a method for purifying protein using a protein adsorbing porous membrane. The invention provides a method for purifying protein wherein the method includes an adsorption step and an elution step and in the elution step at least one type of eluent is passed in a direction opposite the direction of passage of the stock solution containing the protein to be adsorbed in the adsorption step.

No. of Pages : 98 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : FLUID DISC	CRIMINATION FOR USE	WITH A SUBTERRANEAN WELL
<ul> <li>(51) International classification</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>		<ul> <li>(71)Name of Applicant :</li> <li>(71)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston TX 77072 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DYKSTRA Jason D.</li> <li>2)FRIPP Michael L.</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract :

A fluid discrimination system can include a fluid discriminator which selects through which of multiple outlet flow paths a fluid composition flows the selection being based on a direction of flow of the fluid composition through the discriminator and the direction being dependent on a fluid type in the fluid composition. Another fluid discriminator can include a structure which displaces in response to a fluid composition flow whereby an outlet flow path of the fluid composition changes in response to a change in a ratio of fluids in the fluid composition. A method of discriminating between fluids can include providing a fluid discriminator which selects through which of multiple outlet flow paths a fluid composition flows in the well the selection being based on a direction of flow of the fluid composition through the discriminator and the direction being dependent on a ratio of the fluid composition.

No. of Pages : 38 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BEARING HOUSING OF AN EXHAUST GAS TURBOCHARGER

(51) International classification	:F02B39/00,F01D25/16,F01D25/24	(71)Name of Applicant : 1)BORGWARNER INC.
(31) Priority Document No	:102011119417.0	Address of Applicant :Patent Department 3850 Hamlin Road
(32) Priority Date	:24/11/2011	Auburn Hills Michigan 48326 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application	:PCT/US2012/065804	1)KOENIG Lothar
No	:19/11/2012	2)KOERNER Thomas
Filing Date	.19/11/2012	
(87) International Publication No	:WO 2013/078117	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

The invention relates to a bearing housing (1) of an exhaust gas turbocharger (7) having an oil guide to at least one bearing point (5) in the bearing housing (1) wherein the oil guide is formed by bores and/or cutouts in the bearing housing (2) and wherein there is formed in the oil guide a siphon (10) which is integrated into the bearing housing (2).

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : EXHAUST (	GAS TURBOCHARGER	
<ul> <li>(54) Title of the invention : EXHAUST (51) International classification</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>		<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)TSCHIRSCHKE Juergen</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 2013/078115 :NA :NA :NA :NA	

(57) Abstract :

The invention relates to an exhaust gas turbocharger (1) with a compressor wheel (2); with a turbine wheel (3); and with a shaft (4) on which the compressor wheel (2) and the turbine wheel (3) are arranged in a rotationally secured manner wherein the turbine wheel (3) has a through opening (5) in which a first end region (6) of the shaft (4) is arranged and the turbine wheel (3) is braced between an end side stop (7) connected to the end region (6) and a compressor wheel side shaft sleeve (8) fixed on the shaft (4).

No. of Pages : 9 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : MIXER ARRANGEMENT FOR REDUCING AGENT 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</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>	:16/10/2012	<ul> <li>(71)Name of Applicant : <ol> <li>EMITEC GESELLSCHAFT FR</li> </ol> </li> <li>EMISSIONSTECHNOLOGIE MBH <ul> <li>Address of Applicant :Hauptstrae 128 53797 Lohmar</li> </ul> </li> <li>Germany <ul> <li>(72)Name of Inventor : <ul> <li>NAGEL Thomas</li> <li>ALBERTI Peter</li> </ul> </li> </ul></li></ul>
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#### (57) Abstract :

Mixer arrangement (1) for mixing an additive (2) with an off gas stream (3) wherein the mixer arrangement comprises at least one overflow surface which is arranged in a mixing section of an off gas conduit. The off gas conduit (6) has a cross section (7) and a main flow direction (8) of the off gas stream (3). The mixer arrangement is characterized in particular in that the at least one overflow surface (4) is arranged centrally in the mixing section (5) and is directed along the main flow direction (8) of the off gas stream (3) wherein in the overflow surface (4) a multiplicity of closed depressions (9) are formed. A mixer arrangement is proposed that permits an excellent mixture of the off gas stream with an additive without generating a high flow resistance in the process.

No. of Pages : 23 No. of Claims : 7

#### (19) INDIA

(22) Date of filing of Application :11/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : NAVIGATION 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</li> <li>Application Number</li> </ul>	<sup>1</sup> :PCT/JP2012/075296 :01/10/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI LTD.</li> <li>Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku</li> <li>Tokyo 1008280 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MATSUO Shigeru</li> <li>2)NAKAHARA Takashi</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is able to cause an enlarged map displayed as a sub screen in a wide region map screen to move in any given manner at a high speed. A navigation device is provided with: a map display means that displays a wide region map screen indicating a wide region map and displays an enlarged map screen indicating a partial enlarged map resulting from having enlarged a region that is a portion of the wide region map displaying the enlarged map screen superimposed on the wide region map screen at the display position of the region that is a portion; a speed calculation means that calculates a speed pertaining to the motion of the enlarged map screen; an enlarged map generation means that on the basis of vector data of a detailed map resulting from enlarging the wide region map generates the enlarged map resulting from enlarging a predetermined region containing the region that is a portion of the wide region map as the partial enlarged map and when the speed pertaining to motion is less than the baseline speed selects a region corresponding to the region that is a portion in the enlarged map and when the speed map as the partial enlarged map.

No. of Pages : 31 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BEARING HOUSING OF AN EXHAUST GAS TURBOCHARGER

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F02B39/00,F01D25/16,F02B39/14 :10 2011 120 701.9 :09/12/2011	<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> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application</li></ul>	•	(72)Name of Inventor : 1)FRIEDRICH Peter
No Filing Date	:PCT/US2012/066781 :28/11/2012	
(87) International Publication No	:WO 2013/085766	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA :NA	
Filing Date	INA	

(57) Abstract :

The invention relates to a bearing housing (1) of an exhaust gas turbocharger (2) having a turbine side flange (3) having a compressor side flange (4) and having a center part (5) which is arranged between the turbine side flange (3) and the compressor side flange (4) wherein the turbine side flange (3) the compressor side flange (4) and the center part (5) are separate components which are connected to one another in the fully assembled state by means of a connection device (6) or thermally or by adhesive bonding.

No. of Pages : 13 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:F01N3/20 :10 2011 118 652.6 :16/11/2011 :Germany :PCT/EP2012/071527 :31/10/2012 :WO 2013/072190 :NA	<ul><li>(72)Name of Inventor :</li><li>1)MAGUIN Georges</li><li>2)DIOUF Cheikh</li></ul>
Number Filing Date	:NA	3)SCHEPERS Sven 4)HODGSON Jan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : DELIVERY UNIT FOR DELIVERING A LIQUID ADDITIVE

(57) Abstract :

The invention relates to a delivery unit (1) for delivering a liquid additive from a tank (2) into an exhaust gas treatment device (3) having at least a housing (4) which can be mounted on the tank (2) and a component carrier (5) which carries at least one pump (6) and is fixed in the housing (4) by means of a clamping plate (7).

No. of Pages : 26 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (51) International classification (71)Name of Applicant : :F01N3/20 1)EMITEC GESELLSCHAFT FR (31) Priority Document No :10 2011 116 336.4 EMISSIONSTECHNOLOGIE MBH (32) Priority Date :19/10/2011 (33) Name of priority country :Germany Address of Applicant :Hauptstrae 128 53797 Lohmar :PCT/EP2012/069376 Germany (86) International Application No Filing Date :01/10/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/056973 1)MARTINELLE Guillaume (61) Patent of Addition to Application 2)MERTES Philippe :NA Number **3)MAGUIN Georges** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : DEVICE FOR MIXING COMPRESSED AIR AND LIQUID REDUCING AGENT

(57) Abstract :

The invention relates to a device (1) for providing a mixture of compressed air and liquid reducing agent having a first inflow duct (2) for reducing agent and having a second inflow duct (3) for compressed air having an outlet duct (12) for the mixture. In the device a mixing point (4) at which compressed air and reducing agent are merged and a mixing duct (5) which adjoins the mixing point (4) and which connects the mixing point (4) and the outlet duct (12) are provided. The first inflow duct (2) opens into the mixing point in an axial direction (25). The second inflow duct (3) is connected to the mixing point (4) via at least one injection duct (7) wherein the at least one injection duct (7) opens into the mixing point (4) in a tangential direction (19).

No. of Pages : 27 No. of Claims : 12

#### (19) INDIA

(22) Date of filing of Application :30/09/2013

#### (54) Title of the invention : ABLATION POWER CONTROL BASED ON CONTACT FORCE (71)Name of Applicant : (51) International classification :A61B 1)BIOSENSE WEBSTER (ISRAEL) LTD. (31) Priority Document No :13/648,449 (32) Priority Date :10/10/2012 Address of Applicant :4 HATNUFA STREET, YOKNEAM, (33) Name of priority country :U.S.A. 20692, ISRAEL (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)ASSAF GOVARI (87) International Publication No : NA 2)ATHANASSIOS PAPAIOANNOU (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

Methods and systems are adapted for ablation of target tis- 5 sue in a living subject by predicting a lesion size that would result from placing an ablation electrode into contact with the target tissue at a particular contact force while applying energy at a given power level for a particular time interval. The prediction involves modeling the lesion size as a non- 10 linear function of the contact force, the power level and the time interval. The prediction may be iterated by varying the contact force, the power level or the time interval until a saturation point is found, beyond which the lesion size does not increase. After it is established that one of the iterations 15 predicts a desired lesion size, ablation of the target tissue may be conducted using the contact force, the power level and the time interval of the one iteration. 18 of 18

No. of Pages : 26 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

me of Applicant : TOKOGIO LTD. Iress of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya hi 460 0003 Japan me of Inventor : RUKAWA Kyoji KAGI Shigeyuki
RUKAWA Kyoji
hi m R

## (54) Title of the invention : ELECTRIC CYLINDER AND ELECTRIC CYLINDER SYSTEM

(57) Abstract :

An electric cylinder (100) includes: an outer cylinder (2) including on one end side a fixing section for fixing to an attachment place; a rod configured to be capable of expanding and contracting in an axis direction from an opening on the one end side of the outer cylinder; a bearing provided on the other end side end and on the inside of the outer cylinder; a rotating shaft (5) rotatably supported by the bearing (4) and driven to rotate by a driving force of a motor; a screw mechanism (6) configured to convert a rotational motion of the rotating shaft into a linear motion of the rod (3) and transmit the linear motion; and a distortion detecting unit (7) provided in a position between a position on the outer circumference of the outer cylinder where the bearing is provided and the fixing section (11). The outer cylinder includes at least two or more division members (51 52) that can be divided and combined. The distortion detecting unit is provided in one division member among the two or more division members.

No. of Pages : 54 No. of Claims : 12

(12) PATENT	APPLICATION	PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

### (54) Title of the invention : PROTEIN ADSORBENT

<ul> <li>(51) International 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:G01N30/88,B01J20/26,B01J20/30 :2011274619 :15/12/2011 :Japan :PCT/JP2012/082216 :12/12/2012 :WO 2013/089141 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan</li> <li>(72)Name of Inventor :</li> <li>1)SHINOHARA Naoyuki</li> <li>2)SATO Yuta</li> </ul>
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(57) Abstract :

Disclosed is a method for producing a protein adsorbent said protein adsorbent comprising a substrate and a molecular chain fixed to the surface of the substrate. The aforesaid method comprises a dry heating step for heating an untreated adsorbent which comprises a substrate and a molecular chain fixed to the surface of the substrate said molecular chain containing a weakly electrolytic ion exchange group and a wet heating step for heating the untreated adsorbent in a state moistened with a liquid or steam to give a protein adsorbent in this order.

No. of Pages : 38 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : INTRAORAL ORTHOSIS PRODUCTION METHOD THEREOF AND METHOD FOR ADJUSTING SUCH AN ORTHOSIS 

<ul> <li>(51) International classification</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>	:A61F5/56,A61C7/36 :1158946 :04/10/2011 :France :PCT/FR2012/051961 :31/08/2012 :WO 2013/050678 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PETELLE FLEURY RECHERCHES (PFR) Address of Applicant :26 rue Cadet F 75009 Paris France</li> <li>(72)Name of Inventor :</li> <li>1)P‰TELLE Boris</li> <li>2)FLEURY Bernard</li> </ul>
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(57) Abstract :

The invention relates to an intraoral orthosis comprising a first shell (10) and a second shell (20) said shells (10 20) being connected to one another by an adjustable connection device. The adjustable connection device comprises two notched tabs (31) which are disposed on each side of one of the shells (10 20) respectively each notched tab (31) adjustably cooperating with a respective adjustment housing (32) disposed on each side of the other shell (20 10). The adjustment housings (32) are moulded as one piece with the aforementioned other shell (20 10) and each adjustment housing (32) is connected to said other shell (20 10) by a folding support structure (34).

No. of Pages : 21 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : CAPSULE WITH REINFORCEMENT MEMBERS USED FOR THE PREPARATION OF A BEVERAGE

(51) International classification	:B65D85/804.A47J31/22	(71)Name of Applicant :
(31) Priority Document No	:11186326.2	1)NESTEC S.A.
(32) Priority Date	:24/10/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/070905	(72)Name of Inventor :
Filing Date	:23/10/2012	1)PERENTES Alexandre
(87) International Publication No	:WO 2013/060655	2)ABEGGLEN Daniel
(61) Patent of Addition to Application	:NA	3)GERBAULET Arnaud
Number	:NA	4)TINEMBART Jean Fran§ois
Filing Date	.NA	5)BIZET Bruno
(62) Divisional to Application Number	:NA	6)BEZET Nicolas Jean Guy
Filing Date	:NA	

#### (57) Abstract :

Capsule (1) for containing beverage ingredients for producing a beverage in a beverage preparation device upon liquid injection into the capsule and by rotating the capsule about its central axis in the device the capsule comprising: a side wall (2a) a bottom wall (2b) an opening (2c) and a flange like rim (2d) and a lid member (3) attached to the flange like rim (2d) and/or to the side wall and at least partially covering the opening wherein the lid member (3) comprises an upper wall (3a) in recess relative to the flange like rim and/or to the side wall towards the opening of the capsule and which comprises a central inlet (4) and peripheral outlet apertures (5) for the beverage release by effect of centrifugal forces wherein the lid member (3) further comprises reinforcement members (6) protruding from the upper wall (3a) in axial direction.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:A61B1/227	(71)Name of Applicant :
(31) Priority Document No	:61/534986	1)YAACOBI Yoseph
(32) Priority Date	:15/09/2011	Address of Applicant :6805 Spring Valley Way Fort Worth
(33) Name of priority country	:U.S.A.	TX 76132 U.S.A.
(86) International Application No	:PCT/US2012/055408	(72)Name of Inventor :
Filing Date	:14/09/2012	1)YAACOBI Yoseph
(87) International Publication No	:WO 2013/040352	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		t.

#### (54) Title of the invention : SYSTEMS AND METHODS FOR TREATING EAR DISORDERS

(57) Abstract :

An apparatus for insertion in an ear is provided in one example and includes a drug delivery device for insertion into an external auditory canal wherein the drug delivery device contains one or more pharmaceutically active agents that can be released from the drug delivery device into the external auditory canal. In more particular instances the drug delivery device can conform to the profile of the external auditory canal.

No. of Pages : 42 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : REMOTE CONTROL SYSTEM AND METHOD FOR AUTOMATICALLY LOCKING AND/OR UNLOCKING AT LEAST ONE MOVABLE PANEL OF A MOTOR VEHICLE AND/OR FOR STARTING A MOTOR VEHICLE ENGINE USING A REMOTE CONTROL SYSTEM

(51) International classification	:G07C9/00,G01S13/84	(71)Name of Applicant :
(31) Priority Document No	:10 2011 115 689.9	1)JOHNSON CONTROLS AUTOMOTIVE
(32) Priority Date	:11/10/2011	ELECTRONICS SAS
(33) Name of priority country	:Germany	Address of Applicant :10 Avenue de lentreprise F 95892
(86) International Application No	:PCT/EP2012/070216	Cergy Pontoise Cedex France
Filing Date	:11/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/053860	1)PORTET Vincent
(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 present invention relates to a remote control system as well as to a method particularly for automatically locking and/or unlocking at least one movable panel of a motor vehicle and/or for starting a motor vehicle engine the remote control system including a vehicle module to be installed inside the vehicle wherein the remote control system further includes a portable module to be carried by a user of the remote control system the remote control system being capable of determining the distance between the vehicle module and the portable module via a first radiofrequency signal emitted by an antenna combined with the vehicle module and a second radiofrequency signal emitted by an antenna combined with the portable module the first radiofrequency signal being a signal obtained by means of phase modulation or frequency modulation and the second radiofrequency signal being a signal obtained by implementing a phase locked loop in the portable module wherein the phase locked loop uses the first radiofrequency signal as a reference for generating the second radiofrequency signal.

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

(22) Date of filing of Application :27/01/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : FUEL FOR COMPRESSION-IGNITION ENGINES BASED ON MONOOXYMETHYLENE DIMETHYLETHER

<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 Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:C08G2/00,C10L1/00,C07C41/00 :DE 10 2013 001 490.5 :28/01/2013 :Germany :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>MAN Truck &amp; Bus AG</li> <li>Address of Applicant :Dachauer Strae 667, 80995 M<sup>1</sup>/<sub>4</sub>nchen, Germany</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>Eberhard JACOB</li> </ol> </li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

A fuel for compression-ignition engines is described, which contains mono oxymethylene dimethyl ether and has a cetane number of = 51. This fuel for compression-ignition engines advantageously contains oxygenates of the n-polyoxaalkane type and/or di-tert-butyl peroxide. Up to about 20 % by weight of the mono oxymethylene dimethyl ether can be replaced by dimethyl ether.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:C25F1/06	(71)Name of Applicant :
(31) Priority Document No	:61/539259	1)AK STEEL PROPERTIES INC.
(32) Priority Date	:26/09/2011	Address of Applicant :9227 Centre Pointe Drive West Chester
(33) Name of priority country	:U.S.A.	OH 45069 U.S.A.
(86) International Application No	:PCT/US2012/057191	(72)Name of Inventor :
Filing Date	:26/09/2012	1)GLASS Amanda R.
(87) International Publication No	:WO 2013/049103	2)RODABAUGH Ronald D.
(61) Patent of Addition to Application	:NA	3)PRICE David M.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : STAINLESS STEEL PICKLING IN AN OXIDIZING ELECTROLYTIC ACID BATH

(57) Abstract :

A pickling process designed for pickling a metal strip such as a stainless steel strip reduces the amount of HF and/or HN03. The strip is immersed in at least one first pickling tub that contains a mixture of an acid such as H2S04 an excess of at least one oxidizing agent and includes electrodes that may apply a current to the strip that runs through the mixture.

No. of Pages : 24 No. of Claims : 26

(19) INDIA

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

#### (54) Title of the invention : DIAGNOSIS OF TUBERCULOSIS

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) Name of priority</li> <li>(34) Priority Date</li> <li>(35) International</li> <li>Application No</li> <li>(51) 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> </ul>	:23/09/2011 :South Africa :PCT/IB2012/055025 :21/09/2012 :WO 2013/042077 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CSIR Address of Applicant :Scientia 0002 Pretoria South Africa</li> <li>(72)Name of Inventor :</li> <li>1)ROTHERHAM Lia Suzanne</li> <li>2)KHATI Makobetse Abel</li> <li>3)MASERUMULE Matsopiane Charlotte</li> </ul>
Filing Date	:NA	

(57) Abstract :

The invention comprises an oligonucleotide selected from the group comprising SEQ ID NO: 1 SEQ ID NO: 2 SEQ ID NO: 3; SEQ ID NO: 4; SEQ ID NO: 5 and SEQ ID NO: 6. The invention also comprises a complementary oligonucleotide of the oligonucleotide selected from the group comprising SEQ ID NO: 1 SEQ ID NO: 2 SEQ ID NO: 3; SEQ ID NO: 4; SEQ ID NO: 5 and SEQ ID NO: 1 SEQ ID NO: 2 SEQ ID NO: 3; SEQ ID NO: 4; SEQ ID NO: 5 and SEQ ID NO: 6 an oligonucleotide being at least 80% homogolous thereto a truncated portion of any of the aforementioned or a pairing of any of the aforementioned.

No. of Pages : 45 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PROCESS AND APPARATUS FOR SEPARATING AIR BY CRYOGENIC DISTILLATION (51) International classification :F25J3/04 (71)Name of Applicant : (31) Priority Document No 1)LAIR LIQUIDESOCIETE ANONYME POUR LETUDE :1160775 (32) Priority Date ET LEXPLOITATION DES PROCEDES GEORGES :25/11/2011 (33) Name of priority country :France CLAUDE (86) International Application No :PCT/FR2012/052707 Address of Applicant :75 Quai dOrsay F 75007 Paris France Filing Date :23/11/2012 (72)Name of Inventor : (87) International Publication No 1)BONNE Frdric :WO 2013/076430 (61) Patent of Addition to Application 2)FOIRIEN Nicolas :NA Number **3)GUILLARD Alain** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to an apparatus for separating air by cryogenic distillation comprising a compressor (100) an exchange line (4) a system of columns (1) an electric motor (M) for driving the compressor a duct for extracting a liquid from the system of columns a pump (6) for applying pressure to the extracted liquid means enabling heat exchange between the air compressed by the compressor and the liquid (16) pressurized by the pump and means for lowering the output pressure of the pump depending on the frequency of the electricity powering the electric motor.

No. of Pages : 13 No. of Claims : 15

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : METHOD AND METHOD FOR TROUBLESHOOTING A BODY WORK FUNCTION PERTAINING TO VEHICLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document Not</li> <li>(32) Priority Date</li> <li>(33) 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</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:G01M17/007,G01R31/00,G01R31/28 :11509197 :05/10/2011 :Sweden :PCT/SE2012/051054 :03/10/2012 :WO 2013/051997 :NA :NA :NA :NA	<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> <li>1)ANEROS Johan</li> <li>2)LINDGREN Tony</li> </ul>
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(57) Abstract :

The present invention relates to a method for troubleshooting a built on function pertaining to a vehicle which after being produced by a manufacturer undergoes building on of at least one function which is provided with a computer readable representation associated with said vehicle. During troubleshooting of said built on function the vehicle is connected to a diagnostic tool which determines conditions for activation of said built on function. The diagnostic tool is used to determine via said connection to said vehicle whether said at least one condition for activation of said built on function is fulfilled and a signal is generated if said at least one activation condition is not fulfilled. The invention relates also to a diagnostic tool and a vehicle.

No. of Pages : 36 No. of Claims : 24

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CARTRIDGE METHOD FOR PRODUCING SAID CARTRIDGE AND MULTI COMPONENT CARTRIDGE

<ul> <li>(51) 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>	:B05C17/005,B05C17/01,B05C21/00 :11185380.0 :17/10/2011 :EPO :PCT/EP2012/066190 :20/08/2012 :WO 2013/056872 :NA :NA :NA :NA	(71)Name of Applicant : 1)SULZER MIXPAC AG Address of Applicant :R¼tistrasse 7 CH 9469 Haag Switzerland (72)Name of Inventor : 1)ETTLIN Josef
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#### (57) Abstract :

The invention relates to a cartridge comprising at least one receiving chamber (2) extending in the longitudinal direction for a medium to be discharged an end side (4) and a cartridge wall (3) which delimit the receiving chamber (2) and are injection molded as one piece wherein the end side (4) comprises an outlet for the medium and the cartridge wall (3) comprises a first film (6) on the inner side thereof delimiting the receiving chamber (2) said first film extending over the entire cartridge wall (3) and being non detachably joined to the cartridge wall (3). The invention further relates to a method for producing such a cartridge and to a multi component cartridge.

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

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CONNECTOR OF A LIGHT-EMITTING-DIODE LAMP TUBE :H01L, (71)Name of Applicant : (51) International classification 1)Justing Technology (Taiwan) Pte. Ltd. H05B (31) Priority Document No :101135539 Address of Applicant :6F., No.602, Zhongzheng Rd., Zhongli :27/09/2012 City, Taoyuan County 32047, Taiwan, R.O.C. Taiwan (32) Priority Date (33) Name of priority country 2) Justing Technology Pte. Ltd. :Taiwan (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)Chia-Ching SU (87) International Publication No : NA 2)Chih-Yuan YEN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract :

A light-emitting-diode lamp tube of the present invention includes a light module 21 and two end caps 30. A connector 40 connects the two end caps 30 at two ends of the light module 21, and is composed of an insulator body 41, a conductive plate 42 and a connection terminal 43. The insulator body 41 includes an insertion slot 411, the connection terminal 43 is disposed in the insertion slot 411 to connect with the conductive plate 42, and includes two elastic terminal units 432. By inserting directly a conductive terminal 32 of the end cap 30 into the connector 40, and forming electric conduction by contact with each elastic terminal unit 432, electricity is transmitted, thereby constituting a structure that can be assembled easily, and parts thereof can be replaced and repaired by an ordinary person.

No. of Pages : 22 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : NOVEL MANGANESE COMPRISING NANOSTRUCTURES

<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> </ul>	:PCT/EP2012/068541	<ul> <li>(71)Name of Applicant :</li> <li>1)SPAGO IMAGING AB Address of Applicant :Grev Turegatan 7 S 114 46 Stockholm Sweden</li> <li>(72)Name of Inventor :</li> <li>1)AXELSSON Oskar</li> <li>2)PETORAL JR. Rodrigo M.</li> </ul>
Filing Date	:20/09/2012	3)EK Fredrik
(87) International Publication No	:WO 2013/041623	4)LAURITZSON Petter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein are nanostructures comprising a polymeric framework comprising at least five geminal bisphosphonate groups independently of each other are incorporated as RRC(P=O(OR)(OR)) wherein R and R are independently selected from the group consisting of a negative charge H alkyl and aryl and wherein at least one of R and R is a group connected to the polymeric framework with the proviso that when only one of R and R is such a connected group the other of R and R is either a group being able to connect to the polymeric framework or the residue of such a group or selected from the group consisting of H OH OR and R wherein R is a lower alkyl. The polymeric framework may comprise manganese ions. Disclosed are also methods for producing such manganese containing nanostructures compositions comprising such manganese containing nanostructures i.a. as MRI contrasting agents.

No. of Pages : 84 No. of Claims : 16

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CHIMERIC NON INTEGRATING LENTIVIRAL GENOMES AS VACCINES AGAINST HIV 1

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C12N15/867,C07K14/155,C07K14/16 p:1158096 :12/09/2011	SCIENTIFIQUE (C.N.R.S) Address of Applicant :3 rue Michel Ange F 75016 Paris
(33) Name of priority country	:France	France (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/067863 :12/09/2012	1)CHEBLOUNE Yahia 2)ALDEBERT Delphine 3)ARRODE BRUSES Graldine
(87) International Publication No	:WO 2013/037841	
(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 nucleic acids containing chimeric non integrating retrovirus genomes including the long terminal repeat (LTR) sequences 5 and 3 of the caprine lentivirus the caprine arthritis/encephalitis virus (CAEV) or another retrovirus that does not integrate into human cells and at least one viral gene of another retrovirus. The invention also relates to a vector containing such a nucleic acid to an immunogenic or vaccine composition containing said vector or said nucleic acid and to the use thereof for treating and/or preventing an infection by a retrovirus or disease induced by a pathogen.

No. of Pages : 139 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:F02D41/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/073322	(72)Name of Inventor :
Filing Date	:11/10/2011	1)MORI Sachio
(87) International Publication No	:WO 2013/054391	
(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 : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(57) Abstract :

A control device for an internal combustion engine is provided with first and second intake ports (16a 16b) independent of each other and first and second fuel injection valves (30a 30b) provided for the first and second intake ports (16a 16b) respectively in each cylinder. Under a situation where an exhaust variable valve mechanism (38) is controlled such that a first exhaust valve (32a) is opened earlier than a second exhaust valve (32b) first and second air fuel ratios (A/F1 A/F2) are acquired respectively in the first half and the second half of an exhaust stroke. When the acquired first air fuel ratio (A/F1) (or the second air fuel ratio (A/F2)) is lean the fuel injection quantity in the next cycle by the first or second fuel injection valve (30a 30b) corresponding to the first air fuel ratio (A/F1) (or the second air fuel ratio (A/F2)) that is lean is reduced.

No. of Pages : 61 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : AN ADENO-ASSOCIATED VIRUS (AAV) VECTOR

<ul> <li>(51) International classification</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>	:C12N15/864, C12N15/86 :7650/DELNP/2007 :05/10/2007 :U.S.A. :PCT/US06/013375 :07/04/2006 : NA :NA :NA :NA :7650/DELNP/2007 :05/10/2007	<ul> <li>(71)Name of Applicant :</li> <li>1)THE TRUSTEES OF THE UNIVERSITY OF</li> <li>PENNSYLVANIA <ul> <li>Address of Applicant :3160 Chestnut Street, Suite 200,</li> <li>Philadelphia, Pennsylvania 19104-6283, United States of</li> <li>America, U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)LUK VANDENBERGHE</li> <li>2)GUANGPING GAO</li> <li>3)JAMES M. WILSON</li> </ul> </li> </ul>
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(57) Abstract :

An adeno-associated virus (AAV) vector comprising an AAVrh32/33 capsid which has an amino acid sequence of SEQ ID NO: 2, wherein the viral vector carries a transgene encoding a gene product under the control of regulatory sequences which direct expression of the product in a host cell.

No. of Pages : 78 No. of Claims : 13

#### (19) INDIA

(22) Date of filing of Application :28/01/2014

(54) Title of the invention : CREATING PLAYLIST	ГS	
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13/764,391	1)GOOGLE INC.
(32) Priority Date	:11/02/2013	Address of Applicant :1600 Amphitheatre Parkway, Mountain
(33) Name of priority country	:U.S.A.	View, California 94043 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BILINSKI, Brandon
(87) International Publication No	: NA	2)OTTO, Owen Daniel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for automatic selection of songs for consumption in a music library may include assigning a selection score for each of a plurality of songs in the music library based on at least one selection criteria. A first list of songs may be generated from the plurality of songs. The selection score for each of the songs in the first list may be higher than a determined threshold value. A similarity score may be generated for each of the songs in the first list. The similarity score for a corresponding song in the first list may be based on a first number of songs selected from the plurality of songs, and the first number of songs may be similar to the corresponding song. The songs in the first list may be ranked based on a highest similarity score.

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

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:B01D61/00 :2011904046 :30/09/2011 :Australia :PCT/US2012/057198 :26/09/2012 :WO 2013/049109 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EVOQUA WATER TECHNOLOGIES LLC Address of Applicant :4800 North Point Parkway Suite 250 Alpharetta GA 30022 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)COLLIGNON Michael</li> <li>2)NG Wah Khit</li> </ul>

(57) Abstract :

Systems and methods for isolating a filtration module are provided. The systems and methods may utilize a removable end cap comprising an isolation valve. In certain systems and methods the isolation valve may be configured to selectively allow fluid communication between a port and a filtrate passageway of one filtration module in a plurality of filtration modules.

No. of Pages : 43 No. of Claims : 20

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : LUBRICANTS WITH IMPROVED SEAL COMPATIBILITY

<ul> <li>(51) International classification</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>	:01/552123 :27/10/2011 :U.S.A. :PCT/US2012/061767 :25/10/2012 :WO 2013/063177	<ul> <li>(71)Name of Applicant :</li> <li>1)THE LUBRIZOL CORPORATION <ul> <li>Address of Applicant :29400 Lakeland Blvd. Wickliffe Ohio</li> </ul> </li> <li>44092 2298 U.S.A. <ul> <li>(72)Name of Inventor :</li> <li>1)GOTHERIDGE Stephen J.</li> </ul> </li> </ul>
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(57) Abstract :

The present invention relates to lubricating compositions and particularly gear oil compositions that include a minimum level of a specific antioxidant component where the antioxidant component includes (i) a phenolic antioxidant (ii) an aminic antioxidant or (iii) a combination thereof where the antioxidant component is present in the lubricating composition at from 1.0 percent by weight or higher. Such compositions provide surprisingly good seal compatibility.

No. of Pages : 28 No. of Claims : 16

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CONTOL DEVICE FOR 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</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/JP2011/073444 :12/10/2011 :WO 2013/054407 :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)YOSHIHARA Masatomo</li> <li>2)KUWAYAMA Shoichi</li> </ul>
	:NA :NA	

(57) Abstract :

This electronic control device is utilized in an internal combustion engine equipped with an engine driven pump using the driving force of the internal combustion engine to circulate lubricating oil and executing a low pressure control which restricts the amount of lubricating oil that circulates when there is a small demand for lubricating oil thereby reducing the driving load of the pump operating in the internal combustion engine. Furthermore when a prescribed automatic stop condition is satisfied the operation of the engine is stopped automatically and when a prescribed restart condition is satisfied during the automatic stop the internal combustion engine is restarted. Furthermore when the internal combustion engine is started in response to the operation of the ignition switch execution of the low pressure control is prohibited but execution of the low pressure control is permitted when restarting the internal combustion engine.

No. of Pages : 32 No. of Claims : 3

(22) Date of filing of Application :20/08/2013

#### (54) Title of the invention : A PROCESS OF MAKING IMPERVIOUS PALLADIUM MEMBRANE OVER CERAMIC SUBSTRATE AT NEAR AMBIENT

<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> </ul>	:NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</li> <li>RESEARCH <ul> <li>Address of Applicant :ANUSANDHAN BHAWAN, RAFI</li> </ul> </li> <li>MARG, NEW DELHI - 110001, INDIA Delhi India</li> <li>(72)Name of Inventor : <ul> <li>1)DASGUPTA SUBRATA</li> <li>2)BHATTACHARJEE DEBALEENA</li> <li>3)MANDEL KAUSTAB</li> </ul> </li> </ul>
(, , , , , , , , , , , , , , , , , , ,	:NA :NA	4)SAHOO TRILOCHAN PRASAD

(57) Abstract :

Increasing energy demand needs alternate source of energy other than fossil fuels. Hydrogen is targeted as the energy source for next generation due to its environment friendly applications. However, hydrogen present in lean natural gas, water gas and SMR reaction product has to be separated to get pure hydrogen to be used as fuel. Metallic Palladium/ Palladium alloy tubes of 3 to 5mm thickness are long being used for separating hydrogen from the mixture. Currently, ceramic supported defect free Palladium membrane of thickness 2pm to 10pm is the best choice for preparation of pure hydrogen due to its cost effectiveness, performance and longevity. In the present invention, a non-hazardous, eco friendly and cheap process of making Palladium membrane is described. Tailor made thickness achieved by this process may also find application in different areas of catalysis.

No. of Pages : 25 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : SLIDE RING OF A SLIDE RING SEAL ARRANGEMENT HAVING PROPERTIES WHICH LENGTHEN THE SERVICE LIFE AND METHOD FOR THE PRODUCTION 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>	:F16J15/34 :10 2011 116 162.0 :14/10/2011 :Germany :PCT/EP2012/003302 :02/08/2012 :WO 2013/053411 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EAGLEBURGMANN GERMANY GMBH &amp; CO. KG Address of Applicant :,,ussere Sauerlacher Strasse 6 10 82515</li> <li>Wolfratshausen Germany</li> <li>2)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG</li> <li>DER ANGEWANDTEN FORSCHUNG E.V.</li> <li>(72)Name of Inventor :</li> <li>1)THELKE Jrg</li> <li>2)SCHICKTANZ Rudolf</li> <li>3)OTSCHIK Joachim</li> <li>4)DR-SCHER Peter</li> <li>5)WERDECKER Ferdinand</li> <li>6)LANG Klaus</li> <li>7)KELLER Thomas</li> <li>8)SCHULTEN Berthold</li> <li>9)HASELBACHER Peter</li> <li>10)JOHANNES Rolf</li> <li>11)MEIER Sven</li> <li>12)SCHNAKENBERG Stefan</li> </ul>
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(57) Abstract :

The present invention relates to a slide ring for a slide ring seal comprising a main body (2) a first layer (3) applied to a first face side (2) of the main body (2) a first layer (3) applied to a first face side (2) of the main body (2) a first layer (3) applied to a first face side (2) of the main body (2) a first layer (3) applied to a first face side (2) of the main body (2) a first layer (3) applied to a first face side (2) of the main body (2) a first layer (3) applied to a first face side (2) of the main body (3) applied to a first face side (2) of the main body (3) applied to a first face side (3) applied (3) a

(2a) of a main body (2) and a second layer (4) applied to a second face side (2b) of the main body (2) wherein at least one of the layers (3) is formed as a sliding surface of the slide ring. The invention also relates to a method for producing a slide ring of said type.

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

#### (19) INDIA

(22) Date of filing of Application :26/09/2013

#### :G01S (71)Name of Applicant : (51) International classification 1)Wirtgen GmbH (31) Priority Document No :61/713,076 (32) Priority Date :12/10/2012 Address of Applicant :Reinhard-Wirtgen-Strae 2, 53578 (33) Name of priority country :U.S.A. Windhagen (DE) Germany (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)FRITZ, Matthias (87) International Publication No : NA 2)BARIMANI, Cyrus (61) Patent of Addition to Application Number :NA 3)H,,HN, G<sup>1</sup>/<sub>4</sub>nter Filing Date :NA 4)BERNING, Christian (62) Divisional to Application Number :NA Filing Date :NA

#### (54) Title of the invention : SELF-PROPELLED CIVIL ENGINEERING MACHINE SYSTEM WITH FIELD ROVER

#### (57) Abstract :

A civil engineering machine has a machine control unit configured to determine data which defines the position and/or orientation of a reference point on the civil engineering machine in relation to a reference system independent of the position and orientation of the civil engineering machine. A geometrical shape to be produced on the ground may bedetermined with a field rover. The field rover may be used to determine a position of at least one identifiable point of the preset geometrical shape in the independent reference system. Curve data defining a desired curve in the independent reference system, corresponding to the preset shape, is determined at least partially on the basis of the position of the at least one identifiable point of the preset geometrical shape in the independent reference system. The hand held field rover 100 apparatus according to the invention includes a control unit 107 having a position data determination component, a shape fitting component and a shape storing component. The shape fitting component 110 is configured to define a defined shape corresponding to a series of surveyed positions. The shape fitting component (110) is configured such that a user may select for at least some of the surveyed positions whether the positions are part of a straight line portion or part of a curved portion of the defined shape.

No. of Pages : 70 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BLOOD FILTER SYSTEM AND USE OF A BLOOD FILTER OR SYSTEM (51) International classification :B01D39/16 (71)Name of Applicant : (31) Priority Document No 1)FRESENIUS HEMOCARE ITALIA SRL :12152389.8 (32) Priority Date Address of Applicant : Via Santi 293 I 41032 Cavezzo Italy :25/01/2012 (33) Name of priority country (72)Name of Inventor : :EPO **1)ZAMBIANCHI Laura** (86) International Application No :PCT/EP2013/051319 2)BORGHI Serena Filing Date :24/01/2013 (87) International Publication No :WO 2013/110694 3)MARI Giorgio (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 blood filter a system comprising a blood filter and the use of a blood filter or system for the removal of substances from whole blood or blood components. According to the invention a blood filter comprises an inlet (2) an outlet (3) and at least first fibres disposed between the inlet (2) and the outlet (3) for filtering a fluid being communicated between the inlet (2) and the outlet (3) wherein each of the first fibres comprises at least one groove extending in the longitudinal direction of the fibre.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A COMPUTED TOMOGRAPHY IMAGING PROCESS AND 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 <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>	<ul> <li>i:G01T1/00,G01T7/00,G01N23/04</li> <li>:2011904072</li> <li>:03/10/2011</li> <li>:Australia</li> <li>:PCT/AU2012/001204</li> <li>:03/10/2012</li> <li>:WO 2013/049888</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant : <ul> <li>1)FEI COMPANY</li> <li>Address of Applicant :P.O. Box 1745 5602 BS Eindhoven</li> </ul> </li> <li>Netherlands <ul> <li>(72)Name of Inventor : <ul> <li>1)SHEPPARD Adrian Paul</li> </ul> </li> <li>2)KINGSTON Andrew Maurice</li> <li>3)VARSLOT Trond Karsten</li> </ul> </li> </ul>
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(57) Abstract :

A computed tomography imaging process including: acquiring projection images of an object by detecting radiation that has passed through the object for respective different relative orientations of the object and the radiation; and processing the projection images to generate a tomogram of the object; wherein the radiation passes through the object in the form of a diverging beam and the different relative orientations of the object and the beam of radiation define two or more complete trajectories of the beam along the object the complete trajectories being mutually offset to reduce the degradation of spatial resolution in portions of the generated tomogram due to the divergence of the beam through the object.

No. of Pages : 37 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:A63F13/00	(71)Name of Applicant :
(31) Priority Document No	:2011075405	1)TELEFUN TRANSMEDIA PTE LTD
(32) Priority Date	:14/10/2011	Address of Applicant :24 Raffles Place #27 01 Clifford Centre
(33) Name of priority country	:Singapore	Singapore 048621 Singapore
(86) International Application No	:PCT/SG2012/000382	(72)Name of Inventor :
Filing Date	:12/10/2012	1)BENZON Frederick James Rondolo
(87) International Publication No	:WO 2013/055295	2)BENZON Roland
(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 : SYSTEM AND METHOD FOR INTERACTIVE MULTIPLAYER BROADCAST GAME

#### (57) Abstract :

There is provided a system and method for interactive multi player broadcast game the system comprising a plurality of controllers; each controller capable of providing a set of game inputs to a game server in response to the broadcast; wherein the game server is operable to control game play and scoring; the game server further operable to either calculate or receive the latency data associated with each game controller depending on the type of controller and offset the latency during a time sensitive game play. The above system allows different controllers to be used without biasing against relatively dumb controllers such as the Plain Old Telephone (POT). Further the above system allows massively multiplayer game to be played in the context of an interactive TV broadcast game with POT as controllers.

No. of Pages : 23 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : COOLING AND HEATING CUP HOLDER		
(51) International classification	:H01L :10-2013-	(71)Name of Applicant : 1)HYUNDAI MOTOR COMPANY
(31) Priority Document No	0063384	Address of Applicant :231, YANGIAE-DONG, SEOCHO-
(32) Priority Date	:03/06/2012 :Republic	KU, SEOUL 137-938, KOREA Republic of Korea 2)KBAUTOTECH CO., LTD.
(33) Name of priority country	of Korea	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)OH MAN JU 2)KIM JAE WOONG
(87) International Publication No	: NA	3)PARK JAE WOO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)KIM JAE HOON
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A cooling and heating cup holder includes: a pair of holder bodies; a pair of thermoelectric elements having first and second surfaces for heat absorption and heat generation, the first surfaces being installed on the holder bodies; a pair of heat exchange pins provided so as to exchange heat with the second surfaces of the respective thermoelectric elements; a blower disposed at one side of the heat exchange pins and heat-radiating the heat exchange pins; and an extension heat pipe thermally connecting the second surfaces of the respective thermoelectric elements to each other or thermally connecting the respective heat exchange pins to each other.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/547648	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:14/10/2011	Address of Applicant :One AMD Place Sunnyvale California
(33) Name of priority country	:U.S.A.	94085 U.S.A.
(86) International Application No	:PCT/US2012/060069	(72)Name of Inventor :
Filing Date	:12/10/2012	1)POMIANOWSKI Andrew S.
(87) International Publication No	:WO 2013/056129	2)IOURCHA Konstantine
(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 : REGION BASED IMAGE COMPRESSION

(57) Abstract :

A method for compressing an image includes decomposing the image into one or more regions. A region of the image is selected to be evaluated. The selected region is transformed and quantized if the region does not meet a predetermined compression acceptability criteria. The predetermined compression acceptability criteria may include a specific bit rate a specific image quality or combinations thereof. If the region does not meet the predetermined compression acceptability criteria after the region has been transformed and quantized then the transformation and quantization settings are adjusted and the region is transformed and quantized using the adjusted settings. The region is then encoded when the predetermined compression acceptability criteria has been reached. The encoding may include additional compression stages.

No. of Pages : 31 No. of Claims : 38

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : DISPENSING ASSEMBLY AND METHOD FOR DISPENSING A MIXED FLUID		
<ul> <li>(51) International classification</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>	:B01F :61/717,335 :23/10/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	· ·

(57) Abstract :

A dispensing assembly and method for preventing a lead-lag condition between first and second fluid components forming a mixed fluid includes a nozzle and a mixer insert connected to first and second barrels respectively containing the first and second fluid components. The nozzle has a nozzle inlet that includes first and second cavity portions. The mixer insert is positioned at least partially within the nozzle inlet to collectively define respective first and second passages. The first and second passages are adapted for directing the first and second fluid components into a nozzle bore of the nozzle for forming a pre-mixed fluid according to a predetermined ratio. The nozzle is further adapted to mix the pre-mixed fluid for dispensing the mixed fluid from the nozzle.

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

#### (19) INDIA

(22) Date of filing of Application :11/04/2014

#### (54) Title of the invention : LOW EFFLORESCENCE TILE GROUT COMPOSITION

<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> </ul>	<sup>1</sup> :PCT/CN2011/084901 :29/12/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)DONG Steven Chenbing</li> <li>2)LU Jonas Lei</li> </ul>
Number	:NA :NA <sup>n</sup> :NA :NA	
Filing Date	.iva	

(57) Abstract :

The present invention provides a dry mix of cement sand metakaolin in the amount of 5 wt.% or less based on total solids in the dry mix and aluminum cement in a low amount (<1 wt.% based on total solids in the dry mix) useful as a tile grout as well as uses thereof and to methods of using the same as a tile grout. The dry mix when made into a mortar exhibits excellent resistance to efflorescence as a tile grout

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

#### (19) INDIA

(22) Date of filing of Application :03/10/2013

(54) Title of the invention : FLUID TURBINE FLOW 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 <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>	:F01D :1259793 :15/10/2012 :France :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>SAPPEL</li> <li>Address of Applicant :67, RUE DU RHONE, 68304 SAINT-LOUIS, FRANCE</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>BRUNO DENNER</li> </ol> </li> </ul>

(57) Abstract :

The invention concerns a fluid turbine flow meter (1) including a rotatable longitudinal body (12) of a turbine (10) equipped with longitudinal blades (11) and regularly distributed support arms (13) of the blades (11) connecting the blades (1 1) to the rotatable body (12) of the turbine (10), wherein 10 each blade (1 1) has on the support arm (13) a plurality of separate longitudinal thrust members (14, 15) the cross sections of which are adapted to receive the thrust of the fluid jet when the blade (1 1) is active and to allow circulation of fluid between the thrust members (14, 15) when the blade (1 1) is inactive.

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

#### (19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : ADHESIVE DISPENSING SYSTEM AND METHOD INCLUDING A PUMP WITH INTEGRATED DIAGNOSTICS

(51) International classification:G07C(31) Priority Document No:61/727,9(32) Priority Date:19/11/20(33) Name of priority country:U.S.A.(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(61) Patent of Application Number:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	
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#### (57) Abstract :

An adhesive dispensing system includes a pump and at least one sensor positioned to sense movements of a component of the pump and produce signals based on the sensed movements. The dispensing system also includes a controller operating the pump and communicating with the at least one sensor to collect information regarding operational cycles of the pump based on the signals. As a result, one or more diagnostic processes are enabled at the controller during operation of the adhesive dispensing system. These diagnostic processes may include a leak rate test for the dispensing system, an overspeed detection test for the pump, and expected life cycle monitoring of the pump or other components.

No. of Pages : 42 No. of Claims : 37

#### (19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

(51) International classification	:F27B	(71)Name of Applicant :
(31) Priority Document No	:2012- 223166	1)Shin-Etsu Chemical Co., Ltd. Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:05/10/2012	Tokyo 100-0004, Japan.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Tetsuya OTOSAKA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : GLASS BASE MATERIAL ELONGATING APPARATUS

#### (57) Abstract :

In order to provide a glass base material elongating apparatus that can safely elongate a glass base material in an extendable top chamber without damaging a flange, provided is a glass base material elongating apparatus comprising a heating furnace; an extendable top chamber formed of a multilayer cylinder disposed above the heating furnace; a glass base material hanging mechanism that hangs a glass base material into the heating furnace and the extendable top chamber; and a top chamber lifting mechanism. A flange is formed on a top portion of an outermost tube of the multilayer cylinder, and the top chamber lifting mechanism includes a cylinder support member that supports the flange from below and a cylinder lifting member that lifts up the cylinder support member.

No. of Pages : 19 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

### (54) Title of the invention : WHEY PROTEIN MICELLES TO ENHANCE MUSCLE MASS AND PERFORMANCE

(51) International classification	:A23L1/305,A61K35/20,A23L1/29	(71)Name of Applicant : 1)NESTEC S.A.
(31) Priority Document No	:11186150.6	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(32) Priority Date	:21/10/2011	Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/070715 :19/10/2012	1)BREUILLE Denis 2)MOORE Daniel Ryan 3)STELLINGWERFF Trent
(87) International Publication No	:WO 2013/057231	4)POUTEAU Etienne 5)BOVETTO Lionel Jean Ren
(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 non therapeutic use of whey protein micelles to enhance muscle protein synthesis in a subject. Further aspects of the invention are food compositions comprising whey protein micelles to be administered to children athletes or elderly persons.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A STRUCTURED SURFACE ON A STEEL EMBOSSING ROLLER

<ul> <li>(51) International 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>		<ul> <li>(71)Name of Applicant :</li> <li>1)BOEGLI GRAVURES SA Address of Applicant :Rue de la Gare 24 26 CH 2074 Marin Epagnier Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BOEGLI Charles</li> </ul>
No Filing Date	:PCT/EP2012/067858 :12/09/2012	2)WEISSMANTEL Steffen 3)REISSE G <sup>1</sup> /4nter
(87) International Publication No	:WO 2013/041430	4)LICKSCHAT Peter 5)STEFFEN Werner
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE METHOD FOR STRUCTURING THE SURFACE OF A STEEL EMBOSSING ROLLER BY MEANS OF SHORT PULSE LASER WHERE THE STRUCTURING IS A MACROSTRUCTURING WITH DIMENSIONS OF OVER 20 M AND DEPTHS UP TO 150 M AND MORE DISTINGUISHES ITSELF BY THE FOLLOWING PARAMETER COMBINATION: A) IN SINGLE PULSE OPERATION A FLUENCE IN THE RANGE OF 0.5 J/CM TO 3.5 J/CM2 AND IN BURST OPERATION A MEAN BURST FLUENCE OF 0.5 J/CM TO 70 J/CM PER PULSE B) WAVELENGTH OF 532 NM TO 1064 NM C) REPETITION RATE OF 1 KHZ TO 10 MHZ D) PULSE TO PULSE SPACING ON THE WORKPIECE OF 10 % TO 50 % OF THE BEAM DIAMETER FOR THE FEMTOSECOND LASER AND OF 10 25 % AND 40 50 % OF THE BEAM WIDTH FOR THE PICOSECOND LASER E) LASER PULSE POSITION NEAR THE WORKPIECE SURFACE AND F) DEFLECTION VELOCITIES OF UP TO 100 M/S AND MORE. SUCH A METHOD ALLOW MANUFACTURING A COMPLETE EMBOSSING ROLLER WITH TEETH AND GAPS FOR PRODUCING LOGOS THE TEETH HAVING VARIABLE HEIGHTS SHAPES AND SPACINGS FOR EMBOSSING E.G. INNERLINERS FOR CIGARETTE PACKAGING.

No. of Pages : 25 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:A61F2/16	(71)Name of Applicant :
(31) Priority Document No	:1158252	1)MEDICONTUR ORVOSTECHNIKAI KORL TOLT
(32) Priority Date	:16/09/2011	FELEL-SS‰G T RSAS G
(33) Name of priority country	:France	Address of Applicant :Tincsis Mihily utca 22 H 2072 Zsimbk
(86) International Application No	:PCT/EP2012/068277	Hungary
Filing Date	:17/09/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/038021	1)KONTUR Liszl <sup>3</sup> Ferenc
(61) Patent of Addition to Application	:NA	2)TURKEVI NAGY N;ndor
Number	:NA	3)STEFAN Attila
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : DEVICE FOR INJECTING AN INTRAOCULAR LENS INTO AN EYE

(57) Abstract :

The invention relates to an injection assembly for a flexible intraocular lens consisting of an injector body (1) accommodating a sliding push member (2) and a compaction and ejection chamber (3) rigidly connected to said injector body. The injection assembly comprises a cartridge (6) receiving an intraocular lens (7) in a non stressed state said cartridge (6) being stored separately in a sterile container (32) and the compaction and injection chamber (3) is pivotably connected to the distal end of the injector body (1) so as to be capable of occupying two positions i.e. a cartridge loading position in which the chamber is folded along the injector body and an injection position in which the chamber is aligned with said injector body. A tab (4) makes it possible to release the push member (2) when said tab is placed in a position for locking the compaction and injection chamber (3) in a closed position on the injector body (1).

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CONJUGATED FUSED THIOPHENES METHODS OF MAKING CONJUGATED FUSED THIOPHENES AND USES THEREOF

(51) International classification:C071(31) Priority Document No:61/5(32) Priority Date:31/1(33) Name of priority country:U.S.(86) International Application No:PCTFiling Date:26/1(87) International Publication No:WO(61) Patent of Addition to Application:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA
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(57) Abstract :

Described herein are compositions including heterocyclic organic compounds based on fused thiophene compounds polymers based on fused thiophene compounds and methods for making the monomers and polymer along with uses in thin film based and other devices.

No. of Pages : 81 No. of Claims : 14

#### (19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR CONTROLLING A COOLING DEVICE IN A MOTOR VEHICLE HAVING AN ELECTRIC MOTOR

<ul> <li>(51) International classification</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>	:G08G :102012219632.3 :26/10/2012 :Germany :NA :NA :NA :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)PAULHART, HARALD</li> </ul>
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a method for controlling a cooling device (1 1) in a motor vehicle (1) having an electric motor (12). The method includes determining a location of the motor vehicle (I), an impending travel distance of the motor vehicle (I), receiving ambient temperature data at the impending travel distance of the motor vehicle (I), and a change in a temperature of a coolant in at least one cooling circuit (1 11) of the cooling device (1 I), when the change in the temperature of the coolant at the location of the vehicle (1) is possible with a lower energy removal from an energy storage (13) of the motor vehicle (1) than at the impending travel distance of the motor vehicle (1). The ambient temperature data in the travel distance of the motor vehicle (I) can be taken from the Internet (3).

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:E21B43/08,E21B43/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HALLIBURTON ENERGY SERVICES INC.
(32) Priority Date	:NA	Address of Applicant :10200 Bellaire Blvd. Houston Texas
(33) Name of priority country	:NA	77072 U.S.A.
(86) International Application No	:PCT/US2011/056371	(72)Name of Inventor :
Filing Date	:14/10/2011	1)HOLDERMAN Luke William
(87) International Publication No	:WO 2013/055362	2)LOPEZ Jean Marc
(61) Patent of Addition to Application	:NA	3)PENNO Andrew David
Number	:NA :NA	4)FITZPATRICK John
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : WELL SCREEN WITH EXTENDING FILTER

(57) Abstract :

A well screen assembly for a wellbore includes a base pipe and a filter assembly carried on the base pipe. The filter assembly has an internal passage in fluid communication with an opening through the base pipe. A swell material is carried in the base pipe between the filter assembly and the base pipe. The swell material is adapted to expand under specified conditions and displace the filter assembly radially toward a wall of the wellbore. A flow control device is provided in fluid communication between the internal passage of the filter assembly and the opening in the base pipe and is adapted to restrict communication of fluid with the opening in the base pipe. The well screen assembly can include a hydraulic electric or optical communication line running axially through a length of the well screen assembly.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : WIRELESS ELECTRIC FIELD POWER TRANSMISSION SYSTEM AND METHOD

<ul> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(35) International Application</li> <li>(36) International Application</li> <li>(37) International Publication</li> <li>(38) International Publication</li> <li>(39) International Publication</li> <li>(30) International Publication</li> <li>(31) International Publication</li> <li>(32) International Publication</li> <li>(33) International Publication</li> <li>(34) International Publication</li> <li>(35) International Publication</li> <li>(36) International Publication</li> <li>(37) International Publication</li> <li>(36) International Publication</li> <li>(37) International Publication</li> <li>(38) International Publication</li> <li>(39) International Publication</li> <li>(30) International Publication</li> <li>(31) International Publication</li> <li>(32) International Publication</li> <li>(33) International Publication</li> <li>(34) International Publication</li> <li>(35) International Publication</li> <li>(36) International Publication</li> <li>(36) International Publication</li> <li>(37) International Publication</li> <li>(38) International Publication</li> <li>(39) International Publication</li> <li></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 <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>	:PCT/CA2012/000845 :07/09/2012 :WO 2013/033834 :NA :NA	<ul> <li>1)SOLACE POWER INC. Address of Applicant :Suite 3003 Genesis Centre Bruneau</li> <li>Centre MUN St. Johns NL A1C 5S7 Canada</li> <li>(72)Name of Inventor : <ol> <li>POLU Nagesh</li> <li>ALAM Mohammed Jahangir</li> <li>ISLAM Sheikh Mominul</li> </ol> </li> </ul>
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(57) Abstract :

A method and a system for wirelessly transferring powerby resonating a transmitter antenna with at least two conductors and a transmitter coil at a start up frequency; tuning the transmitter antenna and the transmitter coil to their resonant frequency; generating an electric field within a volume defined by the at least two conductors; placing a receiver with a receiver antenna comprising two plates in the volume; accumulating a potential difference on the two plates; resonating the receiver antenna at the resonant frequency; and gathering power from the receiver antenna.

No. of Pages : 59 No. of Claims : 46

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

#### (43) Publication Date : 27/02/2015

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

(51) International classification	:B65B23/14,B65G47/08,B65G47/26	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(31) Priority Document No	:102011084469.4	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:13/10/2011	Germany
(33) Name of priority country	Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:21/09/2012	1)SCHAUMBURG Uwe
(87) International Publication	:WO 2013/053584	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention proceeds from a separating device having at least one portioning unit (12a f) which is provided for spacing main groups (14a f) apart from at least one product column (18a f) which is fed in in a continuous feed movement (16a f) and for forming the main groups (14a f) from the at least one product column (18a f) which is fed in by an acceleration at least substantially in the direction of the feed movement (16a f). It is proposed that the portioning unit (12a f) is provided for returning into an initial position (20a f) in order to form the next main group (14a f) while the at least one product column (18a f) which is fed in a feed movement (16a f).

No. of Pages : 25 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :07/10/2013

· · ·		
(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HITACHI, LTD.
(51) Flority Document No	223904	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:09/10/2012	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MARUYAMA TATSUYA
Filing Date	:NA	2)YAMADA TSUTOMU
(87) International Publication No	: NA	3)KIDO MITSUYASU
(61) Patent of Addition to Application Number	:NA	4)YOSHIDA SHOJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : COMMUNICATION CONTROL EQUIPMENT

#### (57) Abstract :

Communication control equipment is connected to a plurality of communication control equipment via a network and is configured to be time-synchronized with the plurality of communication control equipment by using a time synchronization procedure using a communication including at least request packets and acknowledgement packets. The communication control equipment includes a receiving-interval measurement section configured to measure a receiving interval of request packets from the plurality of communication control equipment; and a queuing-occurrence determination section configured to detect conflict of the request packets measured by the receiving-interval measurement section. The communication control equipment is configured to determine whether to transmit an acknowledgement packet to the communication control equipment that has transmitted the request packets based on a detection result of the queuing-occurrence determination section.

No. of Pages : 101 No. of Claims : 18

(22) Date of filing of Application :08/04/2014

(19) INDIA

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CABLE DRIVE AND TENSION ASSEMBLY (51) International classification :E06C7/12,B66D1/74,A62B35/00 (71)Name of Applicant : **1)D B INDUSTRIES LLC** (31) Priority Document No :61/547284 Address of Applicant :3833 Sala Way Red Wing MN 55066 (32) Priority Date :14/10/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application (72)Name of Inventor : :PCT/US2012/059488 No 1)STEPHENSON Matthew S. :10/10/2012 Filing Date (87) International Publication :WO 2013/055752 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A tensioning assembly having a drive pulley a tension pulley and a tension adjustment system is provided. The drive pulley has a first drive pulley channel and a second drive pulley channel. The tension pulley has a first tension pulley channel and a second tension pulley channel is aligned with the first drive pulley channel. The first drive pulley channel and the second drive pulley channel of the drive pulley and the first tension pulley channel and a second tension pulley are configured and arranged to engage and route an endless looped member. The tension adjustment system is coupled to adjust the distance between the drive pulley and the tension pulley to adjust the tension in the endless looped member in relation to the drive pulley.

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

#### (19) INDIA

(22) Date of filing of Application :08/04/2014

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : SELF RETRACTING LIFELINE

<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>	:A62B1/10,A62B35/00,F16M13/00 :61/552530 :28/10/2011 :U.S.A. :PCT/US2012/062153 :26/10/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)D B INDUSTRIES LLC Address of Applicant :3833 Sala Way Red Wing MN 55066 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CASEBOLT Scott C.</li> </ul>
(87) International Publication No	:WO 2013/063414	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A self retracting lifeline comprises a drum including first and second sides operatively connected to a base. A rotor includes a receiving portion and is operatively connected to the base. A pawl is pivotally operatively connected to the rotor and a biasing member is positioned between the rotor and the pawl to place a biasing force upon the pawl. A bracket member includes a cavity and a stop member extending into the cavity. The cavity is configured and arranged to receive the drum the rotor the pawl and the spring. The drum is rotatably operatively connected to the bracket member and the pawl is positioned proximate the stop member. The pawl and the biasing member are held in place by the first side of the base the rotor and the bracket member.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CABLE CONNECTOR ASSEMBLY AND THE METHOD OF FORMING THE LATTER

<ul> <li>(51) International classification</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>	:61/546679 :13/10/2011 :U.S.A. :PCT/US2012/059504 :10/10/2012 :WO 2013/055763 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)D B INDUSTRIES LLC Address of Applicant :3833 Sala Way Red Wing MN 55066</li> <li>5005 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)BLOMBERG John P.</li> <li>2)STEPHENSON Matthew S.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cable connector assembly comprises a first stop a second stop and a connector. The first stop is configured and arranged to receive a first end of a cable and the second stop is configured and arranged to receive a second end of the cable. The connector is configured and arranged to pivotally interconnect the first stop and the second stop.

No. of Pages : 34 No. of Claims : 15

### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : ORTHOPAEDIC SURGICAL INSTRUMENT ASSEMBLY FOR IMPLANTING A PROSTHETIC PATELLA COMPONENT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/630,935	
	,	
(32) Priority Date	:28/09/2012	Address of Applicant :LOUGHBEG INDUSTRIAL ESTATE,
(33) Name of priority country	:U.S.A.	RINGASKIDDY CORK, IRELAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JENNIFER B. CLEVER
(87) International Publication No	: NA	2)METTHEW S. WALLACE
(61) Patent of Addition to Application Number	:NA	3)MICHAEL J. ROCK
Filing Date	:NA	4)ABRAHAM P. WRIGHT
(62) Divisional to Application Number	:NA	5)OLEN J. BORKHOLDER
Filing Date	:NA	6)LARRIE A. DAVIS

(57) Abstract :

An orthopaedic surgical instrument includes a patella trial and drill guide that may be used to both perform a surgical trial of the patellofemoral joint and guide the surgeon in drilling a number of anchor holes in the patella of the patient.

No. of Pages : 61 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PATELLA DRILL GUIDE AND TRIAL SURGICAL INSTRUMENT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/630,951	1)DEPUY (IRELAND)
(32) Priority Date	:28/09/2012	Address of Applicant :LOUGHBEG INDUSTRIAL ESTATE,
(33) Name of priority country	:U.S.A.	RINGASKIDDY CORK, IRELAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JENNIFER B. CLEVER
(87) International Publication No	: NA	2)MATTHEW S. WALLACE
(61) Patent of Addition to Application Number	:NA	3)MICHAEL J. ROCK
Filing Date	:NA	4)ABRAHAM P. WRIGHT
(62) Divisional to Application Number	:NA	5)OLEN J. BORKHOLDER
Filing Date	:NA	6)ROBERT S. GORAB

(57) Abstract :

An orthopaedic surgical instrument includes a patella trial and drill guide that may be used to both perform a surgical trial of the patellofemoral joint and guide the surgeon in drilling a number of anchor holes in the patella of the patient.

No. of Pages : 59 No. of Claims : 10

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

(57) Abstract :

A method and apparatus for generating information about a forest (204). A number of locations (236) in the forest (204) are identified over which an electromagnetic energy sensor system (311) in an unmanned aerial vehicle (230) generates the information about the forest (204) by generating a point cloud (234) with a resolution (239) that meets a point cloud threshold (243). A route (232) is generated for the unmanned aerial vehicle (230) to move to the number of locations (236) and generate the information about the forest (204) in the number of locations (236).

No. of Pages : 66 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : NETWORKS AND METHODS FOR RELIABLE TRANSFER OF INFORMATION BETWEEN INDUSTRIAL SYSTEMS

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:12290338.8	1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date	:05/10/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EUROPEAN	BADEN SWITZERLAND
	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)TARDY, REGIS
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 :

A communication network (100; 200) and method for transfer of information are disclosed. The communication network (100; 200) includes plurality of industrial systems (110, 160; 210, 220, 250, 280). Each system includes I/O board (120, 170; 212, 225, 255, 285) including I/O modules (130, 180; 235, 265, 295), at least one of an optical emitter (125; 215, 240, 270, 298) and an optical receiver (175; 230, 260, 290), and a processing module (140, 190; 245). The processing module (140, 190; 245) and the I/O board (120, 170; 212, 225, 255, 285) generate an optical signal corresponding to information and a Cyclic Redundancy Check (CRC) information. The network (100; 200) includes a first optical bus (150) and a second optical bus (155) coupled with the I/O boards (120, 170; 212, 225, 255, 285) for transferring the optical signal and complement of the optical signal between the systems.

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

#### (19) INDIA

(22) Date of filing of Application :04/10/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : FUEL FEEDING PUM	1P	
(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:BO2012A	1)MAGNETI MARELLI S.P.A.
	000546	Address of Applicant :CORBETTA VIALE ALDO
(32) Priority Date	:05/10/2012	BORLETTI, 61/63, ITALY
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:NA	1)STEFANO PETRECCHIA
Filing Date	:NA	2)ANDREA COBIANCHI
(87) International Publication No	: NA	3)MARCELLO CRISTIANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a fuel feeding pump, a piston (24) is displaced along a cylinder (20) obtained in a pump body (19) with reciprocat2ng rectilinear motion having an intake stroke of the fuel ifito a pumping chamber (26) and a delivery stroke of the fuel to an injector (13); the fuel being aspirated through the piston (24) from a feeding chamber (25), in which a tubular body (39, 44; 39; 53, 57) defining two channels (45, 46; 56, 60) is mounted, which are substantially reciprocally concentric and communicate with each other by means of at least one opening (47; 58) obtained through the tubular body (39, 44; 39; 53, 57) itself

No. of Pages : 26 No. of Claims : 16

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : TEXTILE MACHINE, ESPECIALLY SPINNNING MACHINE OR WINDING MACHINE, WITH A CONTROL AND COMMUNICATION 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>	:Germany :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RIETER INGOLSTADT GMBH Address of Applicant :FRIEDRICH-EBERT-STRASSE 84, 85055 INGOLSTADT, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)MARIO MALECK</li> <li>2)HARALD WIDNER</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

The invention refers to a textile machine, especially a spinning machine (1) or winding machine, with numerous identical workstations (3a-3i) arranged beside one another along a longitudinal side, with numerous maintenance devices (15a, 15b) movable along the workstations (3a-3i) for servicing the workstations (3a-3i), with a control and communication system, in which case every one of the maintenance devices (15a, 15b) is connected to a bus topology component (26a, 26b, 26c, 26d; 38a, 38b, 38c, 38d) through a maintenance device bus line (19a, 19b, 19c, 19d), in which case at least some of the bus topology components (26a, 26b, 26c, 26d; 38a, 38b, 38c, 38d) are connected to the control and communication system with a common bus line (22, 23, 28, 30, 33). According to the invention, it is suggested that the bus topology components (26a, 26b, 26c, 26d; 38a, 38b, 38c, 38d) are arranged in a middle area of the textile machine (1), in the longitudinal direction (LR) of the textile machine (1).

No. of Pages : 48 No. of Claims : 18

(22) Date of filing of Application :09/10/2013

(51) International classification	:G02F	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SEMICONDUCTOR ENERGY LABORATORY CO.,
· · · ·	227335	LTD.
(32) Priority Date	:12/10/2012	Address of Applicant :398, HASE, ATSUGI-SHI,
(33) Name of priority country	:Japan	KANAGAWA-KEN, 243-0036 JAPAN
(86) International Application No	:NĀ	(72)Name of Inventor :
Filing Date	:NA	1)SHUNPEI YAMAZAKI
(87) International Publication No	: NA	2)YOSHIHARU HIRAKATA
(61) Patent of Addition to Application Number	:NA	3)DAISUKE KUBOTA
Filing Date	:NA	4)AKIO YAMASHITA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND TOUCH PANEL

(57) Abstract :

To provide a highly reliable liquid crystal display device including flexible substrates and a crystalline oxide semiconductor film for a backplane. The device includes a flexible first substrate, a flexible second substrate facing the first substrate, and a liquid crystal layer sealed between the substrates with a sealing member. The first substrate is provided with a layer including a transistor, an organic resin film over the transistor, a pixel electrode and a common electrode over the organic resin film, which partly overlap with each other with an insulating film provided therebetween, and an alignment film thereover. The transistor includes a crystalline oxide semiconductor film as a semiconductor layer where a channel is formed. Drying treatment is performed on the layer before the liquid crystal layer is sealed between the substrates, and steps from the drying treatment to sealing of the liquid crystal layer are performed without exposure to the air.

No. of Pages : 92 No. of Claims : 16

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : FULL CONE SPRAY NOZZLE

<ul> <li>(51) International classification</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>	:B05B1/34,B21B45/02 :NA :NA :NA :PCT/JP2012/083515 :25/12/2012 :WO 2014/102909 :NA :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>SPRAYING SYSTEMS CO. JAPAN</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>YAMAMOTO Masaki</li> <li>SERIZAWA Yoshihiro</li> <li>KOTAKE Hirokazu</li> <li>YOSHII Isao</li> <li>YAMAMOTO Ryuuji</li> <li>NIKAIDOH Hitoshi</li> <li>UCHIJIMA Satoru</li> <li>KURITA Hiromitu</li> </ul> </li> </ul>
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#### (57) Abstract :

A full cone spray nozzle is provided with: a nozzle body (1) which has a liquid inlet opening (3) located at the upstream end thereof and also has a spray opening (4) located at the downstream end thereof; and a vane (2) which has an axial length (W) and a diameter (D) and which is disposed at the intermediate position within the nozzle body (1) in such a manner that the outer peripheral surface of the vane (2) is internally in contact with the nozzle body (1). The vane (2) has in the outer peripheral surface thereof flow passage grooves (6) which have a width (T) and a depth (H). An upstream protrusion (8) which has a length (U) in the axial direction of the nozzle body (1) is provided upstream of the vane (2). A downstream protrusion (9) which has a length (P) in the axial direction of the nozzle body (1) is provided downstream of the vane (2). The full cone spray nozzle is further provided with a swirl flow chamber (5) which has a length (L) in the axial direction the swirl flow chamber (5) being a space formed by the inner wall surface of the nozzle body (1) the vane (2) and the spray opening (4). The full cone spray nozzle is characterized in that the full cone spray nozzle satisfies the relationships of  $0.25 = T/D = 0.30 \ 0.25 = H/D = 0.30 \ and 1.5 = L/W = 3.5.$ 

No. of Pages : 34 No. of Claims : 3

(19) INDIA

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

<ul> <li>(51) International classification</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>	:B29C :10-2013- 0073518 :26/06/2013 :Republic of Korea :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HYUNDAI MOTOR COMPANY Address of Applicant :231, YANGJAE-DONG, SEOCHO-KU, SEOUL 137-938, KOREA Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)SUH CHANG SOO</li> </ul>
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#### (54) Title of the invention : METHOD OF LASER PROCESSING MOLD SURFACE

(57) Abstract :

A method of laser processing a mold surface may include a first stage of extracting mapping data for forming an embossing pattern on the mold surface using laser processing, a second stage of extracting scanning data obtained by scanning the mold surface and matching the scanning data with the mapping data so as to extract processing data for laser processing, a third stage of performing a reverse engineering process for previously verifying error between measured data of the mold surface and the processing data when processing the mold surface to form the embossing pattern using the processing data, and a fourth stage of, when the error may be within an allowable tolerance, performing the laser process using a verified processing data.

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

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

#### (43) Publication Date : 27/02/2015

# (54) Title of the invention : GROUP MANAGEMENT CONTROL SYSTEM FOR ELEVATORS, METHOD FOR CONTROLLING ORDER OF GUIDES FOR DESTINATION CALLS, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International classification	:B66B	(71)Name of Applicant :
(31) Priority Document No	:2012- 226172	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:11/10/2012	MINATO-KU, TOKYO 105-8001, JAPAN
(33) Name of priority country	:Japan	2)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TOSHIO SUGIHARA
(87) International Publication No	: NA	2)YUKINORI TONOSAKI
(61) Patent of Addition to Application Number	:NA	3)TOSHIAKI TANAKA
Filing Date	:NA	4)YOSHIAKI MANABE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

According to one embodiment, a group management control system for elevators, which manages operation of a plurality of cars, in reply to a destination call specifying a departure floor and a destination floor associated with each user, is provided with an allocation processing unit, a guide control unit, an in-suspension call storage unit and a call exchange unit. An allocation processing unit allocates an assigned car and an allocated round for the destination call, the assigned car for the user to board and the allocated round at which the user boards the assigned car. A guide control unit makes judgment of whether giving an assigned car guide is permissible for the destination call when the allocated with a new destination call, which includes the departure floor and the destination floor along with the assigned car and the allocated round, to keep the new destination call in suspension, when giving an assigned car guide is not permissible for the new destination call. A call exchange unit performs an exchange between the assigned car and the allocated round for the new destination call and the assigned car and the allocated round for another destination call, the information associated with the another destination call and the assigned car and the allocated round for another destination call, the information associated with the another destination call kept in a longest time suspension in the in-suspension call storage unit and including the departure floor and the destination floor same as the departure floor and the destination floor included in the information associated with the new destination floor included in the information associated with the new destination call, when giving an assigned car guide is permissible for the new destination floor same as the departure floor and the destination call.

No. of Pages : 75 No. of Claims : 18

(22) Date of filing of Application :11/04/2014

# (54) Title of the invention : SULFUR CONTAINING PALLADIUM/CARBON CATALYST PREPARATION METHOD THEREFOR AND METHOD FOR PREPARING P PHENYLENEDIAMINE ANTIOXIDANT

(51) International classification (31) Priority Document No	:B01J31/16,B01J37/20,C07C209/26 :201110284001.X	<ul> <li>(71)Name of Applicant :</li> <li>1)JIANGSU SINORGCHEM TECHNOLOGY CO. LTD. Address of Applicant :22F Yongda International Tower</li> </ul>
(32) Priority Date	:22/09/2011	No.2277 Longyang Road Pudong New Area District Shanghai
(33) Name of priority country	:China	201204 China
(86) International Application No Filing Date	:PCT/CN2012/081859 :24/09/2012	<ul><li>(72)Name of Inventor :</li><li>1)LI Xiaonian</li><li>2)ZHANG Qunfeng</li></ul>
(87) International Publication No	:WO 2013/041061	3)CHEN Xinmin 4)FENG Feng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MA Lei 6)LU Chunshan 7)LI Chunsheng
(62) Divisional to Application Number Filing Date	NA NA	

#### (57) Abstract :

Provided are a sulfur containing palladium/carbon catalyst a preparation method therefor and a method using the catalyst for preparing a p phenylenediamine rubber antioxidant. The preparation method for the sulfur containing palladium/carbon catalyst comprises: loading palladium onto activated carbon acquiring a palladium/carbon catalyst; then preparing a slurry by mixing the palladium/carbon catalyst with a solvent; subsequently adding a sulfide into the slurry stirring at a predetermined temperature; finally filtering and acquiring the sulfur containing palladium/carbon catalyst. Application of the sulfur containing palladium/carbon catalyst in the preparation of the p phenylenediamine rubber antioxidant not only improves the yield of the p phenylenediamine rubber antioxidant and inhibits a material from being reduced into a corresponding alcohol but also improves selectivity.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : VULCANISABLE COMPOSITIONS BASED ON EPOXY GROUP CONTAINING NITRILE RUBBERS

<ul> <li>(51) International classification</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>	:11290470.1 :11/10/2011 :EPO :PCT/EP2012/070067 :10/10/2012 :WO 2013/053763 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)LANXESS DEUTSCHLAND GMBH Address of Applicant :Kennedyplatz 1 50569 Kln Germany</li> <li>(72)Name of Inventor :</li> <li>1)BRANDAU Sven</li> <li>2)MAGG Hans</li> <li>3)WELLE Achim</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

Novel vulcanisable compositions are provided based on nitrile rubbers that are optionally fully or partially hydrogenated and contain epoxy groups special acid crosslinkers and crosslinking accelerators whereby the use of conventional crosslinking agents in particular sulphur is no longer required. The vulcanised materials thus produced have a very good compression set at room temperature at 100°C and at 150°C and further show a high tensile strength good elongation at rupture.

No. of Pages : 47 No. of Claims : 13

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : MOUNTING PART FOR BODY ATTACHMENT PARTS IN THE AUTOMOTIVE FIELD, AND A MOUNTING ARRANGEMENT HAVING A MOUNTING PART OF SAID TYPE

<ul> <li>(51) International classification</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>	:F21V :102012109951.0 :18/10/2012 :Germany :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)DANEV, DIMITAR</li> </ul>
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(57) Abstract :

The invention relates to a mounting part for body attachment parts (6, 8, 9, 10) in the automotive field, such as for example paneling elements, lamp casings for lamp units, etc., having at least one first, body-side fastening arrangement (22) and having at least one second, attachment-part-side fastening arrangement (26, 28), wherein at least one flow cross section (30) is provided for fluidically connecting the atmosphere to a cooling device (11).

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

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : ELECTRICAL CONNECTOR COMPRISING A SEALING ELEMENT AND ASSEMBLY PROCESS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H01B :TO2012A000905	, , ,
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:16/10/2012 :Italy	Address of Applicant :Corso Fratelli Cervi 15, I-10093 Collegno (Torino), Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GENTA, Alessandro
(87) International Publication No	: NA	2)ZANNINI, Raoul
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical connector (1) comprises a connector body (2) including a plurality of seats (3) for a plurality of terminal contacts (4) each associated with a respective conductor (5), and at least one sealing element (6) in the form of a layer of resiliently deformable, electrically insulating material, received in the body (2) of the connector in a plane transverse to the conductors (5) associated with said terminal contacts (4), so as to provide a seal around the conductors (5). The connector body (2) is provided with a guide passage (20) for slidingly mounting the sealing layer (16) within the connector body (2), by moving the sealing layer (16) parallel to the plane thereof in such a way that the sealing layer (16) can be inserted into the connector body (2) after said terminal contacts (4) along with the respective conductors (5) have been received in the connector body (2), and in such a way that the sealing layer (16) engages slidingly around the conductors (5) until a final mounting position is reached.

No. of Pages : 32 No. of Claims : 16

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : MELT SPINNING APPARATUS			
(51) International classification	:F01N	(71)Name of Applicant :	
(31) Priority Document No	:2012-	1)TMT MACHINERY, INC.	
(51) Thomy Document No	221142	Address of Applicant :6TH FI., OSAKA GREEN BLDG., 2-6-	
(32) Priority Date	:03/10/2012	26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041	
(33) Name of priority country	:Japan	JAPAN	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)KAZUHIRO KAWAMOTO	
(87) International Publication No	: NA	2)MASAHIRO MATSUI	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

#### (57) Abstract :

The purpose of the present invention is to provide a melt spinning apparatus which produces the yarns Y with total fineness of 75 or more than 75de, single fiber fineness of 2 or more than 2dpf and high quality, and has a CIQ. The melt spinning apparatus comprises a yarn beam 20, a plurality of cooling pipes 31 which is arranged below the yarn beam 20, a cooling air supply box 40 which supplies cooling air to the circumference of the cooling pipes 31, and an extension pipe 50 which is arranged below the cooling air supply box 40 and constitutes a second running space 54 in which filament group F runs. The extension pipe 50 comprises a straightening part 51 which straightens the cooling air flowing from the cooling pipes 31 and an open part 52 which is formed below the straightening part 51 and communicates the second running space 54 with the outside. In the case in which the yarns Y have total fineness of 75 or more than 75de and single fiber fineness of 2 or more than 2dpf, the straightening part 51 is structured so that a length X from a lower end of the cooling air blow-off parts 34 of the cooling pipe 3 1 to the lower end of the straightening part 5 1 is set as 100 or more than 1 OOmm and 200 or less than 200mm, and the open part 52 is structured so that a length Y from the lower end of the straightening part 51 to the lower end of the open part 52 is set as 50 or more than 50mm and 200 or less than 200mm.

No. of Pages : 27 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : OPTICAL ARTICLE COMPRISING A TEMPORARY ANTIFOG COATING BASED ON SORBITAN SURFACTANTS

<ul> <li>(51) International classification</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>	:G02B1/04,G02B1/11 :NA :NA :NA :PCT/EP2011/068032 :14/10/2011 :WO 2013/053406 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DOPTIQUE) Address of Applicant :147 rue de Paris F 94220 Charenton Le Pont France</li> <li>(72)Name of Inventor :</li> <li>1)CRETIER Annette</li> <li>2)SAINT LU Charlotte</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

THE PRESENT INVENTION RELATES TO AN OPTICAL ARTICLE COMPRISING A SUBSTRATE HAVING A MAIN SURFACE COATED WITH AN ANTIREFLECTION COATING AND DIRECTLY CONTACTING SAID ANTIREFLECTION COATING A PRECURSOR COATING OF AN ANTIFOG COATING OBTAINED THROUGH THE GRAFTING ON SAID ANTIREFLECTION COATING OF AT LEAST ONE COMPOUND B BEARING A POLYOXYALKYLENE GROUP SAID COATING PRECURSOR OF THE ANTIFOG COATING BEING COATED WITH A SURFACTANT FILM SO AS TO FORM AN ANTIFOG COATING. THE SURFACTANT FILM CONTAINS AT LEAST ONE SURFACTANT A HAVING A SORBITAN RING HYDROXYL GROUPS FUNCTIONALIZED WITH OH TERMINATED POLYOXYALKYLENE GROUPS AND R1 GROUPS OF FORMULA: (RO) (Y) R IN WHICH R IS AN ALKYLENE GROUP Z IS AN INTEGER > 1 Y IS A DIVALENT GROUP N2 IS 0 OR 1 AND R IS A SATURATED HYDROCARBON GROUP HAVING 12 TO 1 9 PREFERABLY 1 3 TO 19 CARBON ATOMS. SURFACTANTS A PROVIDE A VISUAL MEANS TO KNOW WHETHER OR NOT THE ANTIFOGGING EFFECT WILL STILL BE LONG LASTING.

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

(19) INDIA

(22) Date of filing of Application :01/10/2013

#### (54) Title of the invention : COMMUTATION DEVICE FOR CURRENT TRANSMISSION IN AN ELECTRICAL 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 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>	:B60C, H05B :10201228708.1 :15/10/2012 :Germany :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH <ul> <li>Address of Applicant :POSTFACH 30 02 20, 70442</li> </ul> </li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor : <ul> <li>1)HEINAU, CHRISTIAN</li> <li>2)BAYER, MICHAEL</li> <li>3)RAMSAYER, REINER</li> <li>4)SIEMS, HANS-DIETER</li> <li>5)HARTMANN, SVEN</li> <li>6)WINKLER, JENS</li> <li>7)HENRICHS, VOLKER</li> <li>8)WELLER, NICO</li> <li>9)PIRSCH, ROMAN</li> </ul> </li> </ul>
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(57) Abstract :

A commutation device for current transmission in an armature of an electrical machine, comprising an armature-side collector having a plurality of lamellas, which in each case comprises an aluminum and/or a zinc section and a copper and/or a brass section on a radially externally located side of a tread.

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

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : DEVICE FOR THERMALLY TREATING PRODUCTS WITH CLEANING OF THE PROCESS LIQUID

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)KRONES AG
(31) Thomy Document No	219 184.4	Address of Applicant :BOHMERWALDSTRASSE 5 93073
(32) Priority Date	:22/10/2012	NEUTRAUBLING GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)PAUL BRAUN
Filing Date	:NA	2)JAN KARSTEN MUNZER
(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 :

Device for thermally treating products in containers, comprising supply and discharge conveyors for containers; at least one irrigation or spraying zone for irrigating or spraying the containers with a process liquid, for example water; and a circulation circuit for at least partially reusing said process liquid, the circulation circuit comprising at least one pump; wherein at least one separation unit with several essentially parallel lamellae for cleaning said process liquid from particles, for example broken glass and/or sand, is provided, the pump pumping the process liquid along the lamella.

No. of Pages : 14 No. of Claims : 11

### (19) INDIA

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

(43) Publication Date : 27/02/2015

(54) Title of the invention : DISPENSING ASSEMBLY AND METHOD FOR ASSEMBLING A DISPENSER AND DISPENSING A FLUID

<ol> <li>International classification</li> <li>Priority Document No</li> <li>Priority Date</li> <li>Name of priority country</li> <li>International Application No Filing Date</li> <li>International Publication No</li> <li>Patent of Addition to Application Number Filing Date</li> </ol>	:U.S.A. :NA :NA : NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NORDSON CORPORATION <ul> <li>Address of Applicant :28601 CLEMENS ROAD,</li> </ul> </li> <li>WESTLAKE, OHIO 44145, USA U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)MATTHEW E. PAPPALARDO</li> </ul> </li> </ul>
Filing Date	:NA	
2) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A dispensing assembly and method for dispensing a mixture of a first fluid component and a second fluid component. The dispensing assembly generally comprises a container coupled with a nozzle in a unique manner to achieve a mechanical and fluid connection. More specifically, the container includes a first chamber and a second chamber. The first and second chambers are adapted to respectively hold the first and second fluid components. The nozzle has an inlet end and an outlet end. First and second connecting elements are located at the inlet end of the nozzle. Another mating pair of connecting elements, i.e., third and fourth connecting elements are respectively capable of being removable coupled to the third and fourth connecting elements to establish fluid paths from the first and second chambers into the inlet end of the nozzle. A coupling element selectively couples the inlet end of the nozzle to the container.

No. of Pages : 23 No. of Claims : 31

#### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : ALERT INVESTIGAT	TION SYSTEM	
(51) International classification	:A61B,	(71)Name of Applicant :
(31) Priority Document No	G01V :13/687,341	
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:28/11/2012 :U.S.A. :NA	405, JERSEY CITY, NJ 07310, U.S.A.` U.S.A. (72)Name of Inventor : 1)AHMED ILTHIZAM FUARD
(80) International Application No Filing Date (87) International Publication No	:NA :NA : NA	2)HARSHA MUTHUKUMARANA
<ul><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract :

A rule based alert investigation system, which is able to identify anomalous trading behavior as satisfying a predetermined pattern of trading transactions and events on real time data feeds, filters out eligible trading transactions and events and retains the unique identifiers of the transactions and events for inclusion in one or more data sets associated with the predetermined pattern. The system generates an alert when the eligible transactions and events satisfy the predetermined pattern rules, and retains the eligible event and transaction identifiers in an alert data set along with the generated alert. The system utilizes the retained identifiers to retrieve the underlying actual transactions and events in their chronological order, which eliminates manually locating the transactions and events that triggered the alert. The system further provides commentary articulating the anomalous trading behavior along with the relationships between the eligible transactions and events contained in the alert data set.

No. of Pages : 25 No. of Claims : 19

#### (19) INDIA

(22) Date of filing of Application :14/10/2013

## (54) Title of the invention : POWER RATE PLAN SELECTION SUPPORT APPARATUS, METHOD, AND PROGRAM

	<b>G</b> (0.0	
(51) International classification	:G60Q	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HITACHI, LTD.
(31) Thomy Document ito	228910	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:16/10/2012	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TANAKA MASATAKA
Filing Date	:NA	2)ISHIBASHI HISAYA
(87) International Publication No	: NA	3)NAGAHARA SATOSHI
(61) Patent of Addition to Application Number	:NA	4)KUBOTA ATSUSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Provided is a technology for, in order to reduce a power rate for an entire factory, drafting a production plan which minimizes the power rate under each of a plurality of power rate plans and supporting selection of the power rate plan. Based on a unit price of the power rate under each power rate plan, a process-by-process-basis power consumption for producing a product, and production plan information indicating the schedule for carrying out each process, the power rate under each power rate plan is calculated, to acquire another production plan information obtained by shifting the schedule for carrying out each process. Of combinations of the power rate plan and the production plan information, one in which a total sum of the power rates is minimum is output.

No. of Pages : 97 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HYBRID PROPULSION SYSTEM FOR A VEHICLE AND TRANSMISSION FOR SUCH A PROPULSION 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>	:B60K :T02012A000915 :17/10/2012 :Italy :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)OERLIKON GRAZIANO S.P.A. Address of Applicant :VIA CUMIANA 14, I-10098 RIVOLI (TORINO), ITALY</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:NA	1)RENATE PIAZZOLLA
(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 hybrid propulsion system comprises: an internal combustion engine (ICE), an electric machine (EM), a primary shaft (14) adapted to receive the rotary motion from the electric machine (EM), a secondary shaft (16), a differential (36) for transmitting the rotary motion to the wheels of an axle of the vehicle, a first transmission mechanism (26) interposed between the primary shaft (14) and the secondary shaft (16) for transmitting the rotary motion between the primary shaft (14) and the secondary shaft (16), a second transmission mechanism (40) interposed between the secondary shaft (16) and the differential (36) for transmitting the rotary motion between the secondary shaft (16) and the differential (36), and an overrunning clutch (54) associated to the secondary shaft (16), whereby the secon-15 dary shaft (16) receives the rotary motion from the internal combustion engine (ICE) via the overrunning clutch (54). A reducer mechanism (58, 62) is also provided upstream of the overrunning clutch (54), whereby the secondary shaft (16) is arranged to receive the rotary motion from the internal combustion engine (ICE) via the reducer mechanism (58, 62), as well as via the overrunning clutch (54). 20

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

#### (19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : INSTRUCTION AND LOGIC TO PROVIDE VECTOR COMPRESS AND ROTATE FUNCTIONALITY

(32) Priority Date:30/1(33) Name of priority country:U.S(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NA	<ul> <li>1)INTEL CORPORATION</li> <li>Address of Applicant :2200 MISSION COLLEGE BLVD.,</li> <li>A.A.</li> <li>SANTA CLARA, CALIFORNIA 95054, USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ULIEL, TAL</li> <li>2)OULD-AHMED-VALL, ELMOUSTAPHA</li> <li>3)VALENTINE, ROBERT</li> </ul>
(62) Divisional to Application Number :NA	
Filing Date :NA	

#### (57) Abstract :

Instructions and logic provide vector compress and rotate functionality. Some embodiments, responsive to an instruction specifying: a vector source, a mask, a vector destination and destination offset, read the mask, and copy corresponding unmasked vector 10 elements from the vector source to adjacent sequential locations in the vector destination, starting at the vector destination offset location. In some embodiments, the unmasked vector elements from the vector source are copied to adjacent sequential element locations modulo the total number of element locations in the vector destination. In some alternative embodiments, copying stops whenever the vector destination is full, and upon copying an 15 unmasked vector element from the vector source to an adjacent sequential element location in the vector destination, the value of a corresponding field in the mask is changed to a masked value. Alternative embodiments zero elements of the vector destination, in which no element from the vector source is copied.

No. of Pages : 80 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:G01B3/20	(71)Name of Applicant :
(31) Priority Document No	:13/270967	1)SMITH & NEPHEW INC.
(32) Priority Date	:11/10/2011	Address of Applicant :1450 Brooks Road Memphis Tennessee
(33) Name of priority country	:U.S.A.	38116 U.S.A.
(86) International Application No	:PCT/US2012/059296	(72)Name of Inventor :
Filing Date	:09/10/2012	1)BROWN Charles H. Jr.
(87) International Publication No	:WO 2013/055654	2)FERRAGAMO Michael C.
(61) Patent of Addition to Application	:NA	3)DAVIS William R.
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
( <b>57</b> ) <b>A</b> 1		•

#### (54) Title of the invention : GRAFT CALIPER MARKING DEVICE

(57) Abstract :

A graft caliper provides for a first member having a first pick at its distal end and its proximal end attached to a handle. A second member of the graft caliper is disposed above the first member and has a second pick at its distal end that extends beyond the first pick. The proximal end of the second member is attached to an adjuster which causes the second member to move from a first position to a second position in order to change a distance the second pick extends beyond the first pick. The graft caliper provides for an indication of at least one metric for describing the distance the second pick extends beyond the first pick and places an identifier on a surface of bone representing the location of a tunnel to be formed through a femur tibia or any other anatomical structure.

No. of Pages : 21 No. of Claims : 20

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : TRISAZO ACID DYES		
<ul> <li>(54) Title of the invention : TRISAZO ACI</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> </ul> </li> </ul>	:C09B31/18 :10 2011 116 716.5 :22/10/2011 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz </li> <li>Switzerland (72)Name of Inventor : 1)NUSSER Rainer </li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to novel acid dyes of the general formula (I) to a process for preparation thereof and to the use thereof for coloring and/or printing organic substrates.

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

(19) INDIA

(22) Date of filing of Application :15/10/2013

#### (54) Title of the invention : HEAT RECOVERY FROM A TUNNEL RECOOLING PROCESS

(51) International classification	:F01P	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)KRONES AG
	219 759.1	Address of Applicant :BOHMERWALDSTR. 5 93073
(32) Priority Date	:29/10/2012	NEUTRAUBLING GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)FALKO JENS WAGNER
Filing Date	:NA	2)JAN KARSTEN MUNZER
(87) International Publication No	: NA	3)JOHANNES ECKSTEIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Method for the heat recovery from a tunnel cooling apparatus, comprising one or several cooling cells for cooling products in containers by means of a cooling agent circulating in a coolant circuit, comprising a heat exchanger; including the steps of: controlling the circulating quantity of the coolant, and controlling the temperature of the coolant, wherein both the circulating quantity and the temperature of the coolant are measured and controlled on the basis of comparisons with predefined parameters, so that the thermal yield of the heat exchanger is optimized.

No. of Pages : 13 No. of Claims : 14

#### (19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : ROTARY APPARATUS FOR TRANSFERRING BOTTLES OR CONTAINERS IN GENERAL

<ul> <li>(51) International classification</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>	:PR2012A000067 :17/10/2012 :Italy :NA	Address of Applicant :VIA SCODONCELLO, 41/E 43044 COLLECCHIO (PR)-ITALY (72) <b>Name of Inventor :</b>
Filing Date (87) International Publication No	:NA : NA	1)LANFRANCHI, MARIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Forming the object of the finding is a rotary conveyor apparatus, for collecting, transferring and releasing containers, of the type comprising: a. a platform (9) rotating according to a rotation axis (AN; b. means (3), supported by said structure (9), and slidable in a corresponding slit (12) which is extended from the periphery (9B) to the center of rotation (AA); through an internal conduit (6), within said trolleys (3) a certain degree of suction is created for a determined rotation angle of the platform (9) through c. a suction box (4), arranged at the lower part and in contact with said platform (9), comprising a suction opening (7) which is extended along an angular section thereof on the suction box (4); The means (3) are trolleys that are movable relative to the rotation of the platform (9), and are moved from the periphery (9B) to the center of rotation (AA) and vice versa during a complete rotation of the platform (9). Said movement action is directed by means of a first guide (13) closed loop-like and obtained on the box (4) and a second radial guide (12) integral with the platform (9)

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(51) International classification	:F26B5/06	(71)Name of Applicant :
(31) Priority Document No	:11 008 109.8	1)SANOFI PASTEUR SA
(32) Priority Date	:06/10/2011	Address of Applicant :2 avenue Pont Pasteur F 69007 Lyon
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2012/004163	(72)Name of Inventor :
Filing Date	:04/10/2012	1)STRUSCHKA Manfred
(87) International Publication No	:WO 2013/050157	2)PLITZKO Matthias
(61) Patent of Addition to Application	:NA	3)GEBHARD Thomas
Number		4)LUY Bernhard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : ROTARY DRUM FOR USE IN A VACUUM FREEZE DRYER

(57) Abstract :

A rotary drum (302) for use within a vacuum chamber (212) in a vacuum freeze dryer (204) for the bulkware production of freeze dried particles is provided. The drum (302) is in open communication with the vacuum chamber (212) and comprises a main section (304) terminated by a front plate (306) and a rear plate (308) the rear plate (308) is adapted for connection with a rotary supporting shaft (312) for rotary support of the drum (302) and the rear plate (308) is permeable for sublimation vapor from freeze drying the particles.

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

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

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

#### (54) Title of the invention : DISTINGUISHING BETWEEN IMPULSES AND CONTINUOUS DRAG OPERATIONS ON A TOUCH-SENSITIVE 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 Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:G06F :13/655,370 :18/10/2012 :U.S.A. :NA :NA :NA :NA :NA :NA	
6		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A touch-sensitive surface for a computer animator to create or modify a computer-generated image includes processes for differentiating between click and drag operations. The included processes also beneficially reduce input errors. When a touch object (e.g., finger or stylus) touches the drawing table, information regarding the duration of the touch and the movement of the touch are used to determine whether the touch input represents a (graphical user interface) click or a drag operation.

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

(19) INDIA

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

#### (54) Title of the invention : BOBBIN ACCOMMODATING DEVICE AND AUTOMATIC WINDER

(51) International classification	:B65H :2012-	(71)Name of Applicant : 1)MURATA MACHINERY, LTD
(31) Priority Document No	263088	Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:30/11/2012	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KEINI HASUI
(87) International Publication No	: NA	2)HIROSHI TAKAKU
(61) Patent of Addition to Application Number	:NA	3)KEI INOUE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A bobbin accommodating device 40 adapted to accomodate yarn absent bobbins B discharged- from a winding unit 10. includes introduction ports 671, 672 into which the yarn absent bobbins B are introduced, a holding section 61 adapted to temporarily hold the yarn absent bobbins B introduced through the introduction ports 671, 672 while maintaining a uniform orientation of end portions thereof and, in a case the amount of the held yarn absent bobbins B has reached a prescribed amount, to discharge the held yarn absent bobbins B, and an accommodating section 71 adapted to allocate to a plurality of compartments and accommodate the yarn absent bobbins B discharged from the holding section 61. The holding section 61 includes an allocating and discharging mechanism 81adapted to allocate the held yarn absent bobbins B to accommodating section 71.

No. of Pages : 57 No. of Claims : 16

#### (19) INDIA

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

#### (54) Title of the invention : ELECTRODYNAMIC MODAL TEST IMPACTOR SYSTEM AND METHOD

(51) International classification	:G01N, H04R	(71)Name of Applicant : 1)THE BOEING COMPANY
(31) Priority Document No	:13/691,584	· ·
(32) Priority Date	:30/11/2012	CHICAGO, IL 60606-2016, U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)DONALD E. POWERS
Filing Date	:NA	2)JASON C. KIISKILA
(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 :

There is provided an electrodynamic modal test impactor system (10) and method. The system (10) has a controller device (12) and an impactor assembly (20) coupled to the controller device (12). The impactor assembly (20) has a housing (22) and a permanent magnet (70) positioned within the housing (22). The impactor assembly (20) further has a voice coil (1 12) positioned within the housing (22) in a magnetic gap (94) of a magnetic yoke housing (50). The voice coil (112) is driven by the controller device (12). The impactor assembly (20) further has a drive shaft (130) supported by two or more support elements (174). The drive shaft (130) is attached to the voice coil (1 12) and is driven by the voice coil (1 12). The impactor assembly (20) further has a load F cell (144) attached to a free end (142) of the drive shaft (130) and a biasing device (96) positioned within the magnetic yoke housing (50).

No. of Pages : 55 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :15/10/2013

#### (43) Publication Date : 27/02/2015

(51) International classification	:G01S, H04B	(71)Name of Applicant : 1)HORIBA, Ltd.
(31) Priority Document No	:2012- 229335	Address of Applicant :2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan
(32) Priority Date	:16/10/2012	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KURIAKI, Kazunori
(86) International Application No	:NĀ	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : ULTRASONIC FLOWMETER

#### (57) Abstract :

The present invention is one that suppresses crosstalk caused by switching means adapted to switch transmission/reception between ultrasonic transceivers that are paired, and provided with: a first ultrasonic transceiver (2A) and a second ultrasonic transceiver (2B); a transmission circuit (3) that generates a transmission signal for vibrating the first ultrasonic transceiver (2A) or the second ultrasonic transceiver (2B); a reception circuit 4 that senses a reception signal from the first ultrasonic transceiver (2A) or the second ultrasonic transceiver (2B); first transmission amplifying means (7A) adapted to amplify the transmission signal to the first ultrasonic transceiver (2A); first reception amplifying means (8A) adapted to amplify a reception signal from the first ultrasonic transceiver (2A); second transmission amplifying means (7B) adapted to amplify the transmission signal to the second ultrasonic transceiver (2B); and second reception amplifying means (8B) adapted to amplify a reception signal from the second ultrasonic transceiver (2B); and second reception amplifying means (8B) adapted to amplify a reception signal from the second ultrasonic transceiver (2B); and second reception amplifying means (8B) adapted to amplify a reception signal from the second ultrasonic transceiver (2B); and second reception amplifying means (8B) adapted to amplify a reception signal from the second ultrasonic transceiver (2B).

No. of Pages : 34 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : CENTRIFUGAL SCREEN 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> </ul>	:B04B1/04,B04B1/08,B04B7/14 :2011903977 :27/09/2011 :Australia	<ul> <li>(71)Name of Applicant :</li> <li>1)WEIR MINERALS AUSTRALIA LIMITED Address of Applicant :1 5 Marden Street Artarmon New South Wales 2064 Australia</li> </ul>
<ul> <li>(85) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:PCT/AU2012/001168 :27/09/2012	(72)Name of Inventor : 1)TRENCH Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Screening apparatus includes a driving a shaft (12) into a screen housing (13) having a removable closure (14) and dividing wall (15) forming an underflow chamber (16) and an overflow chamber (17). The shaft (12) supports and drives an screen (21) comprising a plate steel basket carrier portion (22) axially spaced from intermediate ring frames (23) and an outer frame ring and flange (24) all interconnected by circumferentially spaced stringers (25) to form an all welded integral generally truncated conical screen (21) cage. The cage supports a wedge wire screening surface (26). The closure (14) and housing (13) mutually support an inlet assembly (27) comprising a chute (32) feeding the water and coarse coal to the inner end of the screen assembly (21). The integral all welded screen (21) may be replaced as a unit without refurbishment.

No. of Pages : 26 No. of Claims : 28

#### (19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD AND DEVICE FOR OPERATING A BRAKE BOOSTER

<ul> <li>(51) International classification</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>	:B60T :102012219193.3 :22/10/2012 :Germany :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20 70442</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)PAMPERL, HERBERT</li> </ul>
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a method for operating a vacuum brake booster (2) comprising a vacuum pump (1 1) in a motor vehicle, comprising the following steps: - determining a change in position of a position information of a braking demand unit, in particular a brake pedal (3); - determining a pressure information through a pressure in a chamber (7, 8) of the brake booster (2), depending on the determined change in position, and - activating the vacuum pump (1 1) depending on the determined pressure information.

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

(19) INDIA

(22) Date of filing of Application :03/10/2013

#### (43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:G06F :DE102012221355.4 :22/11/2012 :Germany :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>Siemens Aktiengesellschaft</li> <li>Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen,</li> </ol> </li> <li>GERMANY </li> <li>(72)Name of Inventor : <ol> <li>Hohenstein; Uwe</li> <li>Schwanengel; Anna-Sophie</li> <li>Jger; Michael</li> </ol> </li> </ul>
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### (54) Title of the invention : METHOD FOR PROVIDING RESOURCES IN A CLOUD, AND APPARATUS

(57) Abstract :

The present invention discloses a method for providing resources in a cloud, having the steps of interrogating current location-based data relating to potential users of the cloud, calculating a future resource requirement in local computing centers of the cloud at least on the basis of the location-based data relating to the potential users, and automatically providing resources in the local computing centers of the cloud according to the calculated future resource requirement of the local computing centers. The present invention also discloses an apparatus.

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

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : ON CARD WASTE STORAGE MECHANISM		
(51) International classification	:C06F	(71)Name of Applicant :
(31) Priority Document No	:13/678925	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:16/11/2012	II III III III III III III III III III
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NJ 07962-2245, USA U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)MARK KELLEY
(87) International Publication No	: NA	2)RONALD BARDELL
(61) Patent of Addition to Application Number	:NA	3)TIGHE BELDEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiple layer test card (100,300, 700, 800) includes a waste channel (105) to receive biological waste from an area of the test card (100, 300,700, 800) utilized for testing biological samples. Multiple compartments (110, 115, 120) in a waste layer (300) of the card are separated from each other by a rib (122) in the waste layer (300). A first compartment (110) is positioned to receive biological waste from the waste channel (105). A pass (125, 130, 135, 140) is coupled between each adjacent set of compartments (110, 115, 120) to pass biological waste and air between compartments. A vent (150) in a last compartment (120) provides an air exit from the test card (100,300,700, 800).

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.3075/DEL/2013 A (19) INDIA (22) Date of filing of Application :17/10/2013 (43) Publication Date : 27/02/2015 (54) Title of the invention : TREE METROLOGY SYSTEM (51) International classification (71)Name of Applicant : :G05D **1)THE BOEING COMPANY** (31) Priority Document No :13/712,237 Address of Applicant :100 NORTH RIVERSIDE PLAZA, (32) Priority Date :12/12/2012 (33) Name of priority country CHICAGO, IL 60606-2016, USA U.S.A. :U.S.A. (72)Name of Inventor : (86) International Application No :NA **1)JOHN LYLE VIAN** Filing Date :NA (87) International Publication No : NA 2) JOSHUA PRZYBYLKO (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and apparatus for identifying a number of diameters for a group of trees (206). An unmanned aerial vehicle (236) moves on a route (522) through the group of trees (206) at a height that is configured to allow measurement of the number of diameters for the group of trees (206) by a sensor system (306) associated with the unmanned aerial vehicle Information is generated about the number of diameters for the group of trees (206) Y using the sensor system (306) associated with the unmanned aerial vehicle (236).

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

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : FLUID PRODUCT DISPENSING DEVICE (71)Name of Applicant : (51) International :B65D83/38,B05B11/00,B65D83/54 classification **1)APTAR FRANCE SAS** Address of Applicant :BP G Le Prieur F 27110 Le Neubourg (31) Priority Document No :1158971 (32) Priority Date :05/10/2011 France (33) Name of priority country:France (72)Name of Inventor: (86) International Application :PCT/FR2012/052225 1)DU BOISBAUDRY Guillaume No 2)STEER Philip :02/10/2012 Filing Date (87) International Publication :WO 2013/050693 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

#### (57) Abstract :

A fluid product dispensing device comprising a dispensing member (20) such as a pump or a valve mounted on the neck (31) of a container (30) containing a product to be dispensed with interposition of a neck seal (1) to ensure sealing at said neck (31) of the container (30) said dispensing member (20) being mounted on said neck (31) by means of an attachment element (10) comprising an attachment portion (12) for attaching to said neck (31) of the container (30) and a compression portion (13) for compressing said neck seal (1) against said neck (31) of the container (30) said compression portion (13) comprising at least one protruding profile (17) capable of exerting stresses in said neck seal (1) after assembly in which after assembly said neck (31) of the container (30) generates first stresses in said neck seal (1) and said at least one protruding profile (17) of the attachment element (10) generates second stresses in said neck seal (1) said first stresses being approximately axially opposite said second constraints said neck (31) of the container comprising an upper edge with a curved shape said neck (31) defining at its end a ridge (32) in contact with said neck seal (1) said at least one protruding profile (17) being disposed radially outside or inside said ridge (32) when the attachment element (10) is assembled on the neck (31) of the container (30) said first and second stresses being approximately axially opposite one another but radially offset such that said first and second stresses balance at least partially.

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

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : INTRAORAL ORTHOSIS AND METHOD OF PRODUCING AND METHOD OF ADJUSTING SUCH AN ORTHOSIS

(61) Fatent of Addition to Application       :NA         Number       :NA         Filing Date       :NA         (62) Divisional to Application Number       :NA	Filing Date	:1158946 :04/10/2011 :France :PCT/FR2012/051963 :31/08/2012 :WO 2013/050679 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)PETELLE FLEURY RECHERCHES (PFR) Address of Applicant :26 rue Cadet F 75009 Paris France</li> <li>(72)Name of Inventor :</li> <li>1)P‰TELLE Boris</li> <li>2)FLEURY Bernard</li> </ul>
Filing Date :NA	11		

#### (57) Abstract :

An intraoral orthosis comprising a first shell (10) and a second shell (20) said shells (10 20) being connected to one another by an adjustable connection device said adjustable connection device comprising two detent lugs (31) which are respectively disposed on each lateral side of one of said shells (10 20) each detent lug (31) adjustably cooperating with a respective adjustment housing (32) arranged on each side of the other of said shells (20 10) each detent lug (31) comprising adjusting teeth (312) to adjust the position of the shells (10 20) in relation to one another and locking housings (311) to lock said position said locking housings (311) being transversely oriented in relation to said adjusting teeth (312).

No. of Pages : 21 No. of Claims : 17

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A VARIABLE FLOW TRAINING CUP FOR TODDLERS AND SMALL CHILDREN (51) International classification :A63B (71)Name of Applicant : 1)DART INDUSTRIES INC. (31) Priority Document No :13/671,014 Address of Applicant :14901 SOUTH ORANGE BLOSSOM (32) Priority Date :07/11/2012 (33) Name of priority country TRAIL, ORLANDO, FLORIDA 32837, U.S.A. :U.S.A. (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)RAYMOND J. TRUDEAU** (87) International Publication No : NA 2)MAXIME R. RICHARD (61) Patent of Addition to Application Number :NA **3)ANTHONY M. DE LEO** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A training cup for children includes a cup body. A flow cap having an annular flow gap is selectively mounted to the cup body. A control ring is mounted to the flow cap for relative longitudinal movement toward and away from the cup body. The control ring includes an annular plug. In a first position the plug will block the flow gap to prevent flow from the training cup. In a second position the plug is spaced from the flow gap to allow restricted flow from the training cup. An infinite variation of positions and flow restriction are allowed between this first and second position. The control ring includes a drinking rim which has a minimum diameter of approximately 42 mm to force the child to engage the drinking rim with the lips and use it as a cup.

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

#### (19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITIONS (51) International classification :A01N (71)Name of Applicant : 1)BAYER AKTIENGESELLSCHAFT :197 16 (31) Priority Document No 257.6 Address of Applicant :D-51368 LEVERKUSEN, GERMANY :18/04/1997 (32) Priority Date Germany (72)Name of Inventor : (33) Name of priority country :Germany (86) International Application No :NA **1)STEFAN DUTZMANN** Filing Date :NA 2)KLAUS STENZEL (87) International Publication No : NA **3)MANFRED JAUTELAT** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number : Filed on :01/01/1900

(57) Abstract :

Synergistic fungicidal compositions, characterized in that they contain an active compound combinations consisting of 2-[2-(1 - chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-2,4-dihydro-[1,2,4]-triazole-3- thione of the formula and at least one compound of the compounds of the groups (I), (3) to (12) and (14) to (24)

No. of Pages : 67 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :01/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : STORAGE ASSEMBLY FOR VEHICLE			
(51) International classification	:H01L	(71)Name of Applicant :	
(31) Priority Document No	:10-2013-	1)HYUNDAI MOTOR COMPANY	
(31) Thomy Document NO	0063383	Address of Applicant :231, YANGIAE-DONG, SEOCHO-	
(32) Priority Date	:03/06/2013	KU, SEOUL 137-938, REPUBLIC OF	
(33) Name of priority country	:Republic	KOREA 2)KBAUTOTECH CO., LTD.	
	of Korea	(72)Name of Inventor :	
(86) International Application No	:NA	1)OH MAN JU	
Filing Date	:NA	2)KIM JAE WOONG	
(87) International Publication No	: NA	3)PARK JAE WOO	
(61) Patent of Addition to Application Number	:NA	4)KIM JAE HOON	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

## (54) Title of the invention : STORAGE ASSEMBLY FOR VEHICLE

(57) Abstract :

A storage assembly for a vehicle includes a housing having an outlet formed at a rear end thereof, a cooling and heating cup holder installed in the housing and having a thermoelectric element attached to a side end surface thereof, a convenience device disposed to be adjacent to a side of the thermoelectric element in the housing and including a storage tray or an electrical control switch, a heat exchange pin and a blower disposed at the outlet side of the rear end of the housing, and a heat pipe having one end connected to the thermoelectric element and the other end extended to turn aside or traverse the convenience device and connected to the heat exchange pin.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : NOVEL PLANT DEFENSINS AND USE IN THE TREATMENT OF PROLIFERATIVE 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</li> <li>Application No Filing Date</li> <li>(87) International</li> </ul>	:C07K14/415,C12N15/29,C12N15/63 :61/548825 :19/10/2011 :U.S.A. :PCT/AU2012/001267 :19/10/2012 :WO 2013/056309	<ul> <li>(71)Name of Applicant :</li> <li>1)HEXIMA LIMITED Address of Applicant :Level 1 379 Collins Street Melbourne </li> <li>Victoria 3000 Australia 2)BALMORAL AUSTRALIA PTY LTD </li> <li>(72)Name of Inventor : 1)HULETT Mark Darren 2)LAY Fung Tso </li> </ul>
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

#### (57) Abstract :

The present invention relates to compositions and methods for preventing or treating proliferative diseases. In particular the present invention relates to the use of compositions derived or derivable from plants such as plant defensins particularly in methods for the prevention or treatment of proliferative diseases such as cancer. The present invention also relates to associated uses systems and kits.

No. of Pages : 56 No. of Claims : 19

#### (19) INDIA

(22) Date of filing of Application :31/01/2014

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : BATTERY COOLING DEVICE			
(51) International classification	:F03D	(71)Name of Applicant :	
(31) Priority Document No	:2013- 017999	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,	
(32) Priority Date	:01/02/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NĂ	1)MIYANO Ryuichi	
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 battery cooling device includes: a chargeable battery; a wind sending unit for cooling the battery by sending external air to the battery; a battery temperature detecting unit for detecting a temperature of the battery; an external air temperature detecting unit for detecting a temperature of the external air that is sent by the wind sending unit; and a battery control unit for stopping operation of the wind sending unit if the temperature of the battery has become lower than or equal to a set value, in which: the wind sending unit has a function of adjusting a volume of air to be sent; and while the wind sending unit is in operation, if the temperature of the external air detected by the external air temperature detecting unit is higher than the temperature of the battery detected by the battery temperature detecting unit, the battery control unit controls the wind sending unit so that a volume of air sent by the wind sending unit is kept smaller than when the temperature of the external air is lower than or equal to the temperature of the battery.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : APPLICATION PROCESSOR, MOBILE DEVICE HAVING THE SAME, AND METHOD OF SELECTING A CLOCK SIGNAL FOR AN APPLICATION PROCESSOR

<ul> <li>(51) International classification</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>	:G04B :10-2012- 0116507 :19/10/2012 :Republic of Korea :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWONS-SI, GYEONGGI-DO, REPUBLIC OF KOREA Republic of Korea</li> <li>(72)Name of Inventor :</li> <li>1)JOO, YOUNG-PYO</li> <li>2)SHIN, TAEK-KYUN</li> </ul>
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#### (57) Abstract :

An application processor includes a main central processing device that operates based on an external main clock signal received from at least one external clock source when the application processor is in an active mode, at least one internal clock source that generates an internal clock signal, and a sensor sub-system that processes sensing-data received from at least one sensor module on a predetermined cycle when the application processor is in the active mode or a sleep mode, and that operates based on the internal clock signal or an external sub clock signal received from the external clock source depending on an operating speed required for processing the sensing-data.

No. of Pages : 68 No. of Claims : 30

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

#### :B42F (51) International classification (71)Name of Applicant : 1)Shin-Etsu Chemical Co., Ltd. :2012-(31) Priority Document No Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku, 223180 :05/10/2012 Tokyo 100-0004, Japan. (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan 1)Tetsuya OTOSAKA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

## (54) Title of the invention : GLASS BASE MATERIAL HANGING MECHANISM

(57) Abstract :

Provided is a glass base material hanging mechanism that, when hanging a starting member or a glass base material, can tightly (solidly) connect the hanging shaft tube and the hanging component and can vertically align the hanging component and the center of the glass base material.

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

#### (19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : RELIEF SPRING STOP BOLT ASSEMBLY FOR SHALLOW BOWL MILLS

(57) Abstract :

A relief spring stop bolt assembly for shallow bowl coal pulverizing mills and a method of using the same to smooth operation of such a pulverizer during low load operation is described. The subject relief spring stop bolt assembly is sized to be used with or for retrofit within existing journal space and existing journal opening cover space of a shallow bowl mill to effectively smooth rough operating conditions.

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

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : STEAM POWER PLANT WITH STEAM TURBINE EXTRACTION 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> </ul>	:12187352.5 :05/10/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD. Address of Applicant :BROWN BOVERI STRASSE 7, 5400</li> <li>BADEN, SWITZERLAND</li> <li>(72)Name of Inventor :</li> <li>1)KIRCHNER, JULIA</li> <li>2)SCHULE, VOLKER</li> <li>3)HELLWEG, STEFAN</li> </ul>
· · ·		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a power plant and a method of operating thereof. The power plant comprises a boiler (10) for heating process fluids; and a multistage first steam turbine (14) with an outlet line (15) that passes through the boiler (10). The outlet line (15) includes an extraction line (141) that is configured and arranged to extract steam from an intermediate stage of the first steam turbine (14) and heat at least one of the process fluids.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/12/1996

(43) Publication Date : 27/02/2015

(54) Title of the invention : A DEVICE FOR GENERATING DIRECT ELECTRIC CURRENT FROM ELECTROMAGNETIC RADIO-WAVES

(51) International classification	:H05B 6/00 :NA	(71)Name of Applicant : 1)RAJ KUMAR SABHARWAL Address of Applicant : 27 JANIA BUILDING, DOSHANABA
		Address of Applicant :27 JAINA BUILDING, ROSHANARA
	:NA	ROAD, SUBZI MANDI, DELHI-110007, INDIA Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAJ KUMAR SABHARWAL
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 device for generating electric energy from the radio waves comprising of a mutual induction coil adapted to be connected to antenna (2), a capacitor (C1) being connected to one of the output terminal points of the said induction coil having a pair of diodes (D2, D3) connected in series with each other, another diode (D1) connected to the common points of the said capacitor and diode being connected to the output of said induction coil in parallel, another capacitor (C2) connected to the common points of the said capacitor in series.

No. of Pages : 7 No. of Claims : 4

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : IMPROVING GLASS BEAD FLOW RATES TO FACILITATE IMMUNODIAGNOSTIC TEST ELEMENT 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 Filing Date</li> </ul>	:G01N :13/653069 :16/10/2012 :U.S.A. :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ORTHO-CLINICAL DIAGNOSTICS, INC. Address of Applicant :1001 U.S. ROUTE 202, RARITAN, NJ 08869, USA. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)JONATHAN BURR CROWTHER</li> </ul>
(87) International Publication No	: NA	2)AMY LOUISE SUROWITZ
(61) Patent of Addition to Application Number	:NA	3)ANNA KRYSTYNA LUCZAK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of preparing a glass bead mixture using inert nanoparticles to improve flow rates of the glass beads for purposes of manufacturing an immunodiagnostic test element, such as a column agglutination test cassette, and a test element made in accordance with the method.

No. of Pages : 19 No. of Claims : 13

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CONTINUOUS SINGLE-DIP PROCESS FOR GALVANIZATION OF STEEL LONG PRODUCTS INTO ZN-AL-MG ALLOYS

(51) International classification	:C23C :1219210.0	(71)Name of Applicant : 1)FONTAINE HOLDINGS NV
<ul><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:25/10/2012	
(33) Name of priority country	:U.K.	HOUTHALEN, BELGIUM
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVID WARICHET
(87) International Publication No	: NA	2)JULIEN BALDUYCK
(61) Patent of Addition to Application Number	:NA	3)CAROLINE MASQUELIER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

By first fluxing a steel long product with novel specific flux compositions, it is possible to continuously produce, more uniform, smoother and void-free galvanized coatings on such steel long products in a single hot dip galvanization step making use of zinc aluminum alloys or zinc - aluminum - magnesium alloys with less than 95 wt.% zinc. This is achieved by providing specific amounts of lead chloride and tin chloride in a flux composition comprising (a) more than 40 and less than 70 weight % zinc chloride, (b) from 10 to 30 weight % ammonium chloride, (c) more than 6 and less than 30 weight % of a set of at least two alkali or alkaline earth metal chlorides.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : INJECTOR FOR A SYSTEM FOR FEEDING GAS FUEL TO AN INTERNAL COMBUSTION ENGINE

(31) Priority Document No:TO(32) Priority Date:14/(33) Name of priority country:Ital(86) International Application No:PCFiling Date:14/	02011A000821 /09/2011 ly TT/IB2012/054824 /09/2012 O 2013/038384 A A	<ul> <li>(71)Name of Applicant :</li> <li>1)MATRIX S.p.A. Address of Applicant :Corso Vercelli 330 Ivrea Italy</li> <li>(72)Name of Inventor :</li> <li>1)GAIARDO Mario</li> <li>2)BARBERO Piercarlo</li> </ul>
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(57) Abstract :

An injector for a system (2) for feeding gas fuel to an internal combustion engine (3) has an inlet mouth (8) for the fuel into the injector houses therein a shutter (29) which is moveable between a closed position and an open position of an outlet mouth (26; 51) of the fuel from the injector and is defined by an inlet body (6) provided with the inlet mouth (8) and a first actuating device (16) to displace the shutter (29) in an open position thereof and at least two interchangeable outlet modules (21; 49) each of which is adapted to be releasably fixed to the inlet module (6) and is provided with a relative outlet mouth (26; 51) a relative shutter (29) and a relative second actuating device (33) to displace the shutter (29) in a closed position thereof.

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

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (51) International classification :F01N3/20 (71)Name of Applicant : 1)EMITEC GESELLSCHAFT FR (31) Priority Document No :10 2011 116 335.6 (32) Priority Date EMISSIONSTECHNOLOGIE MBH :19/10/2011 (33) Name of priority country :Germany Address of Applicant :Hauptstrae 128 53797 Lohmar (86) International Application No :PCT/EP2012/069379 Germany Filing Date :01/10/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/056974 1)TRUONG Anthony (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 : DELIVERY DEVICE WITH PROTECTION AGAINST FREEZING

(57) Abstract :

The invention relates to a delivery device (1) for delivering reducing agent into an exhaust gas treatment device (15) having at least one delivery duct (3) with at least one flexible wall region (4). The flexible wall region (4) can deform when reducing agent in the delivery duct (3) freezes. The flexible wall region (4) separates the delivery duct (3) from a compressed air chamber (6) which is connected to a compressed air source (16).

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF 3-(2-BROMO-4,5-DIMETHOXYPHENYL) PROPANENITRILE, AND APPLICATION IN THE SYNTHESIS OF IV ABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE 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 Application No</li> </ul>	:12/59745 :12/10/2012 :France :NA	SURESNES CEDEX, FRANCE (72)Name of Inventor :
Filing Date	:NA	1)MARIA DEL PILAR CARRANZA
(87) International Publication No	: NA	2)MARIA ISABEL GARCIA ARANDA
(61) Patent of Addition to Application Number	:NA	3)JOSE LORENZO GONZALEZ
Filing Date	:NA	4)FREDERIC SANCHEZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for the synthesis of the compound of formula (I): Application in the synthesis of ivabradine, addition salts thereof with a pharmaceutically acceptable acid and hydrates thereof.

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

(12) PATENT APPLICATION PUBLICATION		(21) Application No.3020/DEL/2013 A
(19) INDIA		
(22) Date of filing of Application :10/10/2013		(43) Publication Date : 27/02/2015
(54) Title of the invention : SOLAR CELL.		
(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:61/723,666	1)SAMSUNG SDI CO., LTD.
(32) Priority Date	:07/11/2012	Address of Applicant :428-5, GONGSE-DONG, GIHEUNG-
(33) Name of priority country	:U.S.A.	GU, YONGIN-SI, GYEONGGI-DO, REPUBLIC OF KOREA
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DONG-JIN KIM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

A solar cell and a method of fabricating a solar cell. A solar cell including a substrate; a first electrode layer on the substrate; a light absorbing layer on the first electrode layer; an alloy layer between the first electrode layer and the light absorbing layer; a buffer layer on the light absorbing layer; a first through-hole formed through the buffer layer, the light absorbing layer, the alloy layer, and the first electrode layer to the substrate; and an insulating barrier in at least one portion of the first through-hole. Figure 1

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

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : YARN-PRODUCING APPARATUS FOR AN AIR SPINNING MACHINE WITH AN INSET AND THUS AN EQUIPPED SPINNERET

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:10 2012 110 315.1	1)MASCHINENFABRIK RIETER AG Address of Applicant :KLOSTERSTRASSE 20, 8406
(32) Priority Date	:29/10/2012	WINTERTHUR, SWITZERLAND
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)MARKUS KUBLER
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) 11		1

#### (57) Abstract :

The invention relates to a yarn-producing apparatus (1) for an air spinning machine, which is used for producing a yarn (2) from a fiber strand (3) with the assistance of an air flow, whereas the yarn-producing apparatus (1) has a spinning tip (4) with an inlet opening (6) surrounded by the outer surface (5) of the spinning tip (4), in the area of which a yarn (2) is able to be produced with the assistance of the air flow. In accordance with the invention, it is suggested that the yarn-producing apparatus (1) have an internal inset (7) with a draw-off conduit (8) adjacent to the inlet opening (6) for the yarn (2) and several air outlets (9) branching off on the side from the draw-off conduit (8), such that an air flow introduced counter to the direction of spinning (S) in the draw-off conduit (8) can escape in part through the air outlets (9) and in part through the inlet opening (6). In addition, a spinning unit with a corresponding varnproducing apparatus (1) is suggested.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
 (21) Application No.2907/DEL/2013 A
 (19) INDIA
 (22) Date of filing of Application :01/10/2013
 (43) Publication Date : 27/02/2015
 (54) Title of the invention : FLUID DISPENSER AND METHOD FOR DISPENSING A FLUID INCLUDING A UNIFORM DISTRIBUTION OF COMPOSITE MATERIALS

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:13/662,799	1)NORDSON CORPORATION
(32) Priority Date	:29/10/2012	Address of Applicant :28601 CLEMENS ROAD,
(33) Name of priority country	:U.S.A.	WESTLAKE, OHIO 44145, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEPHEN R. DES JARDINS
(87) International Publication No	: NA	2)WILLIAM MACINDOE
(61) Patent of Addition to Application Number	:NA	3)ROBERT W. SPRINGHORN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (57) Abstract :

A fluid dispenser and a method for using the fluid dispenser with a syringe barrel holding a fluid including a distribution of composite materials. The fluid dispenser includes a dispensing valve operable to dispense the fluid and a coupling for fluidly connecting the syringe barrel to the dispensing valve. The fluid dispenser also includes a support frame for rotatably supporting the syringe barrel and a motorized drive unit configured to rotate the syringe barrel. The syringe barrel rotates via the motorized drive unit to distribute the composite materials uniformly within the fluid for dispensing the fluid.

No. of Pages : 35 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : FOREST SENSOR DEPLOYMENT AND MONITORING SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(22) Discription Data</li></ul>	:13/708,543	
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:07/12/2012 :U.S.A.	Address of Applicant :100 NORTH RIVERSIDE PLAZA, CHICAGO, IL 60606-2016, USA U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date	:NA	1)JOHN LYLE VIAN
(87) International Publication No	: NA	2)CHARLES B. SPINELLI
(61) Patent of Addition to Application Number	:NA	3)BRIAN J. TILLOTSON
Filing Date	:NA	4)GEORGE MICHAEL ROE
(62) Divisional to Application Number	:NA	5)JOSHUA PRZYBYLKO
Filing Date	:NA	

(57) Abstract :

A method and apparatus.for managing a location (1006). Soil sensor units (1028) are deployed in the location (1006) in a forest (1002) from a group of aerial vehicles. Information (1004) is generated about a number of soil conditions (1017) in the location (1006) in the forest (1002) using the soil sensor units (1028) in the location (1006). The information (1004) is transmitted from the soil sensor units (1028) to a, remote location (1006) for analysis.

No. of Pages : 122 No. of Claims : 15

(22) Date of filing of Application :11/10/2013

#### (54) Title of the invention : METHOD FOR DETERMINING BOILER TUBE COLD SIDE CRACKING AND ARTICLE FOR ACCOMPLISHING 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</li> </ul>	:G01N :13/650,763 :12/10/2012 :U.S.A. :NA	· · · · · · · · · · · · · · · · · · ·
Filing Date	:NA	1)JACQUES L. BRIGNAC
(87) International Publication No	: NA	2)LARRY D. KIDD
(61) Patent of Addition to Application Number	:NA	3)ROBERT E. LUCAS
Filing Date	:NA	4)CHRISTOPHER DANIEL CURL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

Disclosed herein is a scanning device for performing ultrasonic nondestructive testing of a tube, comprising a housing; the housing having bottom surface that is concavely curved with cavities to accommodate a waveguide assembly and an encoder assembly; where the waveguide assembly comprises a waveguide and a probe that are in communication with one another; the waveguide having at least one surface that is contoured to match an outer surface of the tube; where the waveguide facilitates the transmission of ultrasonic signals into the tube generated by the probe; and where the encoder assembly comprises a spring loaded wheel that contacts the tube; and where the encoder assembly provides a signal indicative of a location of the probe relative to a position on the tube as the scanning device is moved in a direction of a longitudinal axis of the tube.

No. of Pages : 32 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : RF CHANNEL AMPLIFICATION MODULE WITH INSTANTANEOUS POWER LIMITING FUNCTION

(32) Priority Date:26/10/2012A(33) Name of priority country:FranceNEU(86) International Application No:NA(72)NFiling Date:NA1)G(87) International Publication No: NA2)J(61) Patent of Addition to Application Number:NA3)EFiling Date:NA4)J	<b>THALES</b> Address of Applicant :45, RUE DE VILLIERS, 92200UILLY-SUR-SEINE, FRANCE <b>Name of Inventor :)GREGORY MOUCHON)JEAN MAYNARD)DAVID LOPEZ)JEAN-FRANCOIS VILLEMAZET</b>
(62) Divisional to Application Number :NA	JEAN-FRANCOIS VILLEMAZET

#### (57) Abstract :

A radio frequency channel amplification modute for communication satellite, comprising an input configured to convey an input radio frequency signal (IN), an output configured to restore a pre-amplified output radio frequency signal (OUT) intended to power a travelling wave tube amplifier (13) that can be equipped with linearization means with predistortion (11), at least one first upstream gain control module (201) arranged downstream of the input and one second downstream gain control module (203) arranged downstream of the first upstream gain control module (201) and upstream of any linearization means by predistortion (11). The channel amplification module (10) also comprises an instantaneous power limiter (ML) intended to clip the peaks of the input radio frequency signals (IN) with a level exceeding a determined threshold value, the instantaneous power limiter being arranged in series between said first upstream gain control module (201) and said second downstream gain control module (203).

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

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : USE OF AGGREGATED GROUPS FOR MANAGING DEMAND RESPONSE RESOURCES (51) International classification :G06Q10/06 (71)Name of Applicant : :13/272086 1)HONEYWELL INTERNATIONAL INC. (31) Priority Document No (32) Priority Date :12/10/2011 Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/058537 2245 U.S.A. Filing Date :03/10/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/055551 1)KOCH Edward (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A demand response management system which may be used by utilities independent system operators intermediaries and others to manage operations of demand response programs relative to customers clients participants and users of outputs from the utilities independent system operators and the like. The demand response management system may provide demand response signal propagation and generation from demand response events. There may be an aggregation of customers clients participants users and the like. The aggregation may be performed and managed by the utility independent system operator or the like before a DR event is initiated and even before a DR signal is generated.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/10/2013

#### :H02G, (71)Name of Applicant : (51) International classification 1)SAFESIPP, LLC B65D Address of Applicant :15010 South 46th Place, Phoenix, AZ (31) Priority Document No :61/710433 :05/10/2012 85044. United States of America (32) Priority Date (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No :NA 1)BARKER, Taylor L Filing Date :NA 2)ARREDONDO, Jacob E (87) International Publication No : NA 3)FLEMING, Lindsay M (61) Patent of Addition to Application Number :NA 4)SCHOEPF, Jared J Filing Date :NA (62) Divisional to Application Number :NA

:NA

### (54) Title of the invention : WATER TREATMENT AND CONVEYANCE APPARATUS

(57) Abstract :

Filing Date

A water treatment and conveyance apparatus that has a barrel with two ends, each with an indentation to accommodate a handle made of a heavy-duty material, two side members, a transverse grip member and two transverse support members that fit securely into the indentations of the barrel ends. One end of the barrel (the top) has at least one hole accommodating a removable cap, a removable inlet filter of mesh to screen out particles from entering water, and a removable outlet filter. In use, the handle is attached to both ends of the barrel in the indentations and the barrel is rolled and pulled to a water source and back to the puller<sup>TM</sup>s abode. After filling the barrel, a cleansing chemical such as a chlorine tablet is added to the water to help sterilize the water in transit.

No. of Pages : 23 No. of Claims : 14

#### (19) INDIA

(22) Date of filing of Application :14/10/2013

#### (54) Title of the invention : CONNECTING APPARATUS FOR TRANSMITTING HIGH-VOLTAGE CURRENT IN THE MOTOR VEHICLE SECTOR

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)DR. ING. H.C.F. PORSCHE AG
(51) Thomy Document No	110 232.5	Address of Applicant : PORSCHEPLATZ 1, 70435
(32) Priority Date	:26/10/2012	STUTTGART, GERMANY
(33) Name of priority country	:Germany	2)RESENBERGER HOCHFREQUENZTECHNIK GMBH
(86) International Application No	:NA	& CO. KG
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TIMO WETZEL
(61) Patent of Addition to Application Number	:NA	2)CHRISTIAN ECKART
Filing Date	:NA	3)WILLEM BLAKBORN
(62) Divisional to Application Number	:NA	4)HELMUT MUHLFELLNER
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a connecting apparatus for transmitting high-voltage current in the motor vehicle sector, having at least one first connection element (4), at least one second connection element (6), at least one shielding housing part (12) and fixing means (8, lo), wherein the first connection element (4) has at least one housing arrangement (20) having a first insulating housing part (21) with at least one first contact element (18), which is electrically connected to an internal conductor (16) of a cable (14), and has a shielding arrangement (28) which is connected to a shield (30) of the cable (14), wherein the shielding arrangement (28) is connected to the shielding housing part (12) by means of a shielding part (32), wherein the second connection element (6) has at least one second housing arrangement (41) having a second insulating housing part (42) with at least one second contact element (46), which is connected to a current line element, and wherein a weak-current contact arrangement for creating a control circuit is provided, wherein the weak-current contact arrangement (53) has a ring contact element (52) and two spring contact elements (60, 62).

No. of Pages : 14 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/10/2013

#### (54) Title of the invention : REACTOR AND ALKYLATION PROCESS USING THE REACTOR

<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</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)CHINA PETROLEUM &amp; CHEMICAL CORPORATION Address of Applicant :NO. 22 CHAOYANGMEN NORTH STREET, CHAOYANG DISTRICT, BEIJING 100728, CHINA China</li> <li>2)FUSHUN RESEARCH INSTITUTE OF PETROLEUM</li> <li>AND PETROCHEMICALS SINOPEC</li> <li>(72)Name of Inventor :</li> <li>1)FANG, XIANGCHEN</li> <li>2)PENG, DEQIANG</li> <li>3)QI, HUIMIN</li> <li>4)LI, XIN</li> <li>5)WANG, YAN</li> <li>6)CHEN, JIANBING</li> <li>7)WANG, LUYAO</li> <li>8)LIU, ZHIYU</li> <li>9)CHEN, XIN</li> <li>10)ZHANG, SHENGZHONG</li> </ul>
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(57) Abstract :

The present disclosure provides a reactor for at least two liquid materials, comprising an enclosed reactor housing; a feeding tube having liquid material inlets for receiving corresponding liquid materials respectively; a distribution tube communicating with the feeding tube and extending into the reactor housing, the distribution tube being provided with a plurality of distribution holes in the region thereof extending into the reactor housing; a rotating bed in form of a hollow cylinder, which is disposed in the reactor housing via a fixing mechanism, thus dividing inner cavity of the reactor housing into a central area and an outer area, the rotating bed being capable of rotating driven by a driving mechanism; and a material outlet provided in a lower portion of the reactor housing for outputting product after reaction. The distribution tube extends into the central area spaced from inner surface of the rotating bed, so that materials can enter into the outer area from the central area through the rotating bed and can be output via the material outlet.

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

#### (19) INDIA

(22) Date of filing of Application :14/10/2013

### (54) Title of the invention : LOW COST UMBILICUS WITHOUT OVERMOLDING

(51) International classification	:B04B, B01D	(71)Name of Applicant : 1)FENWAL, INC.
(31) Priority Document No	:13/768,455	Address of Applicant : THREE CORPORATE DRIVE, LAKE
(32) Priority Date	:15/02/2013	ZURICH IL 60047, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)TERRY CHUNG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An umbilicus is provided for use in an umbilicus-driven fluid processing system. The umbilicus includes an umbilicus body having enlarged first and second ends, with an intermediate section located therebetween. At least one fluid-transmitting lumen extends between the first and second ends. The umbilicus further includes first and second end fittings, each associated with one of the ends of the umbilicus body. Each end fitting defines an interior cavity having a flared portion, with at least a portion of one of the enlarged ends of the umbilicus body being seated within the flared portion. The enlarged ends of the umbilicus body may be formed using a heated die at least partially inserted into the fluid-transmitting lumen.

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

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : VALVE ACTUATOR DEVICE, IN PARTICULAR FOR A HEATING OR COOLING SYSTEM VALVE

(51) International classification	:E03D	(71)Name of Applicant :
(31) Priority Document No	:12007435.6	1)DANFOSS A/S
(32) Priority Date	:30/10/2012	Address of Applicant :NORDBORGVEJ 81, DK-6430
(22) Name of mission	:EUROPEAN	NORDBORG, DENMARK;
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)ANDERSEN, TORBEN LUND
Filing Date	:NA	2)HANSEN, SOEREN
(87) International Publication No	: NA	3)VILLEKJAER, JESPER D
(61) Patent of Addition to Application Number	:NA	4)ALEXANDERSEN, PETER
Filing Date	:NA	5)CLAUSEN, ANDERS OESTERGAARD
(62) Divisional to Application Number	:NA	6)FREDERIKSEN, BJARNE
Filing Date	:NA	7)MUNCH, LARS

(57) Abstract :

A valve actuator device (1) is shown, in particular for a heating or cooling system valve (2), said device (1) comprising a motor (10) and control means (11), said motor (10) driving actuating means (8) provided for actuating a valve element (6), said control means (11) comprising presetting means (14) for performing a presetting function. The operation possibilities of such a valve actuator device (1) should be increased. To this end, said control means (11) comprise flushing means for performing a flush function, said flush function overriding said presetting function.

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

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A SEATING ARRANGEMENT FOR A PASSENGER VEHICLE (51) International classification :B60N (71)Name of Applicant : (31) Priority Document No 1)FORD GLOBAL TECHNOLOGIES, LLC :1221811.1 (32) Priority Date Address of Applicant :SUITE 800, 330 TOWN, CENTER :04/12/2012 (33) Name of priority country DRIVE, DEARBORN, MICHIGAN 48126 UNITED STATES :U.K. OF AMERICA U.S.A. (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)WOODHOUSE, DAVID 2)GERHARDT, TORSTEN (61) Patent of Addition to Application Number :NA Filing Date :NA **3)SPAHL, ROBERT** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A seating arrangement for a passenger vehicle in the form of a compact motor vehicle 101 is disclosed in which front and rear seats 110, 120 are arranged in a staggered relationship and at least one of the seats 110, 120 is rotated about a vertical axis so that a longitudinal central axis x3-x3; x4-x4 of the respective seat 110, 120 does not lie parallel to a central longitudinal axis X-X of the vehicle 101.

No. of Pages : 42 No. of Claims : 12

#### (19) INDIA

(22) Date of filing of Application :28/10/2013

(51) International classification	:B60N	(71)Name of Applicant :
(31) Priority Document No	:1221811.1	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:04/12/2012	Address of Applicant :SUITE 800, 330 TOWN, CENTER
(33) Name of priority country	:U.K.	DRIVE, DEARBORN, MICHIGAN 48126 UNITED STATES
(86) International Application No	:NA	OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WOODHOUSE, DAVID
(61) Patent of Addition to Application Number	:NA	2)GERHARDT, TORSTEN
Filing Date	:NA	3)SPAHL, ROBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : A SEATING ARRANGEMENT FOR A PASSENGER VEHICLE

(57) Abstract :

A seating arrangement for a passenger vehicle in the form of a car 1, 101 is disclosed in which front and rear seats 10,110; 20, 120 are arranged in a staggered relationship. At least the front seat 10, 110 is high mounted with a large heel contact point referenced H-point height H so as to facilitate a reduction in passenger compartment length and at least one of the two seats 10,110; 20,120 is positioned such that a longitudinal axis xl-xl, xl-xl; x2-x2, x2-x2 of the respective seat 10, 110; 20,120 as measured at a rear edge of the respective seat 10,110; 20,120 is mounted closer to a central longitudinal axis X-X of the vehicle 1, 101 than would be possible with a symmetrical side-by-side seating arrangement, thereby reducing the transverse space required for the two seats 10,110; 20,120 and facilitating the use of a narrower passenger compartment P, P.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A SEATING ARRANGEMENT FOR A PASSENGER VEHICLE (51) International classification :B60N (71)Name of Applicant : (31) Priority Document No 1)FORD GLOBAL TECHNOLOGIES, LLC :1221811.1 (32) Priority Date Address of Applicant :SUITE 800, 330 TOWN, CENTER :04/12/2012 (33) Name of priority country DRIVE, DEARBORN, MICHIGAN 48126 UNITED STATES :U.K. OF AMERICA U.S.A. (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)WOODHOUSE, DAVID (61) Patent of Addition to Application Number :NA 2)GERHARDT, TORSTEN Filing Date :NA **3)SPAHL, ROBERT** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A seating arrangement for a passenger vehicle in the form of a car 101 is disclosed in which front and rear seats 110, 120 are arranged in a staggered relationship. At least the front seat 110 is positioned high with an upright backrest 112 and the rear seat 120 has a backrest 122 that is more reclined than the backrest 112 of the front seat 110 so as to increase clearance between a rear seated passenger and the backrest 112 of the front seat 110.

No. of Pages : 47 No. of Claims : 18

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 27/02/2015

#### (51) International classification :H04N (71)Name of Applicant : 1)ORTHO-CLINICAL DIAGNOSTICS, INC. (31) Priority Document No :13/654686 (32) Priority Date :18/10/2012 Address of Applicant :1001 U.S. ROUTE 202, RARITAN, NJ (33) Name of priority country :U.S.A. 08869, USA U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)JENS H. JORGENSEN** (87) International Publication No : NA 2)MICHAEL W. LACOURT (61) Patent of Addition to Application Number :NA 3)DONALD J. MORAN JR. Filing Date :NA 4)DAVID J. HAWKS (62) Divisional to Application Number :NA **5)JOSEPH WYCALLIS** Filing Date **6)STEPHEN C. ARNOLD** :NA

#### (54) Title of the invention : FULL RESOLUTION COLOR IMAGING OF AN OBJECT

(57) Abstract :

The invention relates generally to both a method and apparatus for the creation of full resolution color digital images of diagnostic cassettes or objects of interest using a gray-scale digital camera or sensor combined with time sequential illumination using additive primary colors followed by post exposure digital processing. Such procedures and equipment is of significant economic value when employed in situations such as diagnostic clinical analyzers where space is limited and image quality requirements are high.

No. of Pages : 49 No. of Claims : 23

### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) The of the invention . AMAETEOW TORD	II (L	
(51) International classification	:F01D	(71)Name of Applicant :
(21) Drigrity Degument No	:2012-	1)HITACHI, LTD.
(31) Priority Document No	235388	Address of Applicant :6-6 MARUNOUCHI 1-CHOME,
(32) Priority Date	:25/10/2012	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)TAKANORI SHIBATA
Filing Date	:NA	2)NORIYO NISHIJIMA
(87) International Publication No	: NA	3)KIYOSHI SEGAWA
(61) Patent of Addition to Application Number	:NA	4)HISATAKA FUKUSHIMA
Filing Date	:NA	5)GOINGWON LEE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : AXIAL FLOW TURBINE

### (57) Abstract :

Provided is an axial flow turbine that can enhance an effect of reducing a mixing loss. The axial flow turbine includes: a plurality of stator blades 2 provided on the inner circumferential side of a diaphragm outer ring 1; a plurality of rotor blades 5 provided on the outer circumferential side of a rotor 4; a shroud 6 provided on the outer circumferential side of the plurality of rotor blades 5; an annular groove portion 12 formed in the diaphragm outer ring 1 and housing the shroud 6 therein; a clearance passage 13 defined between the groove portion 12 of the diaphragm outer ring 1 and the shroud 6, into which a portion of working fluid flows from the downstream side of the stator blades 2 in a main passage 7; the clearance passage 13 from which the portion of the working fluid flows out toward the downstream side of the rotor blades 5 in the main passage 7; seal fins (14A to 14D) provided in the clearance passage 13; a circulation flow generating chamber 17 defined on the downstream side of the clearance passage 13; and a plurality of shielding plates 18 secured to the diaphragm outer ring 1 in such a manner as to be located in the circulation flow generating chamber 17, the shielding plates 18 extending in the axial and radial directions of the rotor.

No. of Pages : 35 No. of Claims : 5

#### (19) INDIA

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

(54) Title of the invention : HOVER-CAPABLE AIRCRAFT		
(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:12425174.5	1)AGUSTAWESTLAND S.P.A.
(32) Priority Date	:26/10/2012	Address of Applicant :520, VIA GIOVANNI AGUSTA-
(33) Name of priority country	:EPO	FRAZIONE CASCINA COSTA, SAMARATE, ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANDREA GABRIELLI
(87) International Publication No	: NA	2)GIUSEPPE GASPARINI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hover-capable aircraft (1) having propulsion means (6); at least one rotor (3); transmission means (5) for transmitting power from the propulsion means (6) to the rotor (3) and lubricated with a lubricant; a heat exchanger (9), which receives the heated lubricant from the transmission means (5) and feeds the cooled lubricant back to the transmission means (5); and a fan (10) for producing airflow through the heat exchanger (9) to cool the lubricant, and which has an impeller (16) with blades (21), and an exhaust pipe (18) for expelling the hot air produced by cooling the lubricant; at least one portion (23) of the wall (22) of the exhaust pipe (18) has dissipating means (25) designed to selectively absorb pressure waves in a given frequency band related to the rotation speed (V) of the impeller (16) and to the number (N) of blades (21) of the impeller (16).

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

(22) Date of filing of Application :30/10/2013

#### (54) Title of the invention : NAVIGATION SYSTEM FOR ELECTRIC VEHICLE (51) International classification :G01C (71)Name of Applicant : :2012-1)HITACHI, LTD. (31) Priority Document No Address of Applicant :6-6, MARUNOUCHI 1-CHOME, 267769 :07/12/2012 CHIYODA-KU, TOKYO, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :NA **1)KIYAMA NOBORU** Filing Date :NA 2)SHIRAI KEISUKE (87) International Publication No : NA **3)SHIRASAWA SATOSHI** (61) Patent of Addition to Application Number :NA **4)OSAFUNE TATSUAKI** Filing Date :NA **5)HORITA YUKI** (62) Divisional to Application Number :NA

:NA

#### (57) Abstract :

Filing Date

A navigation system for an electric vehicle includes a telematics center (100), a display terminal (101), and a charging station (103). In response to a request from the display terminal (101), the telematics center (100) sends a route search result, which is created based on information on an electric vehicle (102) and the charging station (103) and which includes base point information whose remaining battery capacity is to be confirmed, to the display terminal (101). The display terminal (101) displays route guidance information, the current position, and a result of comparison between the current remaining battery capacity and the base point information to the user who is driving the electric vehicle (102).

No. of Pages : 54 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

### (54) Title of the invention : YARN WINDING MACHINE AND YARN WINDING METHOD

(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)MURATA MACHINERY, LTD.
	239050	Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:30/10/2012	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO-601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAKOTO ITO
(87) International Publication No	: NA	2)TSUTOMU MEKATA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A spinning machine (1) includes a draft device (6). a spinning device (7). a winding device (13), a splicer (26), a suction pipe (27). a suction mouth (28), and a unit controller. The unit controller is adapted to control a package (P) to be reversely rotated after a completion of a yarn guiding operation by the suction pipe (27) and the suction mouth (28) and before a start of a yarn joining operation by the splicer (26).

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

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : ASSEMBLIES FOR EXTERNAL ATTACHMENT OF AIRBORNE SENSOR PODS TO AN AIRCRAFT FUSELAGE

<ul> <li>(51) International classification</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>	:13/655,347 :18/10/2012 :U.S.A.	
<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)SERGIO CUNHA MONTESI

### (57) Abstract :

Sensor pod attachment assemblies are provided for attaching a sensor pod containing airborne sensor equipment to an aircraft fuselage. The sensor pod assemblies may include fore and aft pairs of attachment pylon assemblies each having a lower end attached to the aircraft fuselage and an upper end attached to the sensor pod. The fore pair of attachment pylon assemblies can include port and starboard pylon structures, and a cross-support base connected to upper ends of the port and starboard pylon structures. The aft pair of attachment pylon assemblies may include a lengthwise adjustable spar assembly.

No. of Pages : 26 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD FOR DETERMINING THE SPEED OF AIRSTREAM AND AN AIRSTREAM SPEEM

<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>	:D01H :102012220406.7 :09/11/2012 :Germany	Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOTTHAUS, STEFAN
(87) International Publication No	: NA	2)SCHULZ, UDO
(61) Patent of Addition to Application Number	:NA	3)WAGNER, ANDREAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a method for determining speed of an airstream, which acts along a driving direction of a moving motor vehicle. This comprises measuring a parameter for an action of force of the airstream of the moving motor vehicle on a rotor of an engine fan of the motor vehicle, and calculating the speed of the airstream, which acts along the driving direction of the motor vehicle, from the parameter.

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

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

<u> </u>		
(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:10201220788.0	1)ROBERT BOSCH GMBH
(32) Priority Date	:14/11/2012	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANN, ARMIN
(87) International Publication No	: NA	2)LE, QUANG-MINH
(61) Patent of Addition to Application Number	:NA	3)SCHUHMACHER, TOBIAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : MEASUREMENT CIRCUIT FOR CONTROLLING A DC-DC CONVERTER

(57) Abstract :

The present subject matter relates to a measurement circuit for controlling a DC-DC converter (100), comprising a switching component (120), a diode (124) connected in parallel to the switching component, a measuring and control unit (130), which is adapted for actuating the switching component (120), when a predefined event has been achieved, determining and evaluating a voltage across the switching component (120) after actuation of the switching component (120) as characteristic varying parameters of the predefined event, when the characteristics are located outside a permissible range of values, wherein the permissible range of values is determined by a forward voltage of the parallel connected diode.

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

### (19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : VEHICLE TAIL STRUCTURE			
(51) International classification	:B60R	(71)Name of Applicant :	
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION	
	273352	Address of Applicant :300, Takatsuka-cho, Minami-ku,	
(32) Priority Date	:14/12/2012	Hamamatsu-shi, Shizuoka-ken, JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)ITO, Kensaku	
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 :

To simplify a mounting panel structure by uniting ventilator covers and respective bumper holders, enable easy layout of peripheral components, reduce weight and cost, prevent reduction in the rigidity of a rear skirt panel, stably maintain positional relationships of break lines and the like between the rear combination lamps and rear bumper, and improve appearance quality. [Solution] A back door opening 2 which forms a closed sectional structure by making a circuit is installed at a tail 1 provided with rear combination lamps 5 and a rear lamphouse panel 4, the rear combination lamps 5 are disposed adjacent to right and left side portions of a rear bumper 7, respectively, a rear skirt panel 13 which extends in a vehicle width direction is coupled to bottom corners C located on right and left sides of the back door opening 2 rearward of the rear lamphouse panels 4 with respect to the vehicle, and ventilator covers 15 adapted to receive and hold ventilators 16 are located on right and left sides of the rear skirt panel 13, respectively, and the ventilator covers 15 are installed integrally with respective holder units 17 adapted to hold the rear bumper 7.

No. of Pages : 27 No. of Claims : 5

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CONTINUOUS SINGLE-DIP PROCESS FOR GALVANIZATION OF STEEL LONG PRODUCTS INTO ZN-AL-MG ALLOYS

<ul> <li>(51) International classification</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>	:1219210.0 :25/10/2012 :U.K. :NA :NA	HOUTHALEN, BELGIUM (72)Name of Inventor : 1)DAVID WARICHET
<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 :NA :NA :NA	2)JULIEN BALDUYCK 3)CAROLINE MASQUELIER

#### (57) Abstract :

By first fluxing a steel long product with novel specific flux compositions, it is possible to continuously produce, more uniform, smoother and void-free galvanized coatings on such steel long products in a single hot dip galvanization step making use of zinc aluminum alloys or zinc - aluminum - magnesium alloys with less than 95 wt.% zinc. This is achieved by providing potassium and sodium chlorides in a KCI/NaCI weight ratio of at least 2.0 in a flux composition comprising (a) more than 40 and less than 70 weight % zinc chloride, (b) from 10 to 30 weight % ammonium chloride, (c) more than 6 and less than 30 weight % of a set of at least two alkali metal chlorides.

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

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

(54) Title of the invention : FLUX COMPOSITIONS FOR STEEL GALVANIZATION				
(51) International classification	:C23C	(71)Name of Applicant :		
(31) Priority Document No	:1219211.8	1)FONTAINE HOLDINGS NV		
(32) Priority Date	:25/10/2012	Address of Applicant :CENTRUM ZUID 2037, 3530		
(33) Name of priority country	:U.K.	HOUTHALEN, BELGIUM		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)DAVID WARICHET		
(87) International Publication No	: NA	2)JULIEN BALDUYCK		
(61) Patent of Addition to Application Number	:NA	3)CAROLINE MASQUELIER		
Filing Date	:NA			
(62) Divisional to Application Number	:NA			
Filing Date	:NA			

# (54) Title of the invention : FLUX COMPOSITIONS FOR STEEL GALVANIZATION

(57) Abstract :

This invention relates to a flux composition for treating a metal surface, comprising (a) more than 40 and less than 70 wt.% zinc chloride, (b) 10 to 30 wt.% ammonium chloride, (c) more than 6 and less than 30 wt.% of a set of at least two alkali metal chlorides including sodium chloride and potassium chloride, (d) from 0 to 2 wt.% lead chloride, and (e) from 0 to 15 wt.% tin chloride, provided that the KCI/NaCI weight ratio of said set of at least two alkali metal chlorides ranges from 2.0 to 8.0. This invention also relates to a fluxing bath comprising this flux composition dissolved in water for use in galvanizing processes, by batch or continuously, of metal articles such as iron or steel long products and flat products including wires, plates, coils, rods, reinforcing bars, tubes, strips and sheets.

No. of Pages : 27 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/10/2013

#### (54) Title of the invention : A SEATING ARRANGEMENT FOR A PASSENGER VEHICLE (51) International classification :B60N (71)Name of Applicant : 1)FORD GLOBAL TECHNOLOGIES, LLC (31) Priority Document No :1221811.1 Address of Applicant :SUITE 800, 330 TOWN, CENTER (32) Priority Date :04/12/2012 (33) Name of priority country DRIVE, DEARBORN, MICHIGAN 48126 UNITED STATES :U.K. OF AMERICA U.S.A. (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)WOODHOUSE, DAVID (61) Patent of Addition to Application Number :NA 2)GERHARDT, TORSTEN Filing Date :NA **3)SPAHL, ROBERT** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A seating arrangement is disclosed having front and rear seats 10, 110 and 20, 120 arranged in a staggered duplex partial overlapping relationship within a passenger compartment P of a compact passenger road motor vehicle 1, 101. Each of the front seats 10, 110, 120 has a respective seat cushion or squab 11, 111 and each of the rear seats 20, 120 has a respective seat cushion or squab 21, 121. The front and rear squabs 11, 111 and 21, 121 are overlapped both longitudinally and laterally so as to produce a very compact seating arrangement for two occupants.

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

#### (19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : APPARATUS AND METHOD FOR CLEANING THE BARREL OF A FIREARM

<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>	:61/724,012 :08/11/2012 :U.S.A. :NA :NA :NA	
(,, , , , , , , , , , , , , , , , , , ,	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

(57) Abstract :

A device for cleaning the barrel of a firearm comprising a longitudinal central member having a leading end and a trailing end; a tubular woven sheath surrounding said central member; and a radial protrusion formed of a polymer disposed about said central member and under the tubular woven sheath. The radial protrusions are overmolded thermoplastic that distends the sheath radially to the internal diameter of gun barrel. The central member may include a fitting for attachment to various auxiliary tools or a T-handle. The surface of the polymer is provided with helical pattern of protrusions formed to urge the sheath against the lands of barrel rifling. The sheath is woven of primarily a natural fiber such as cotton. Luminescent, abrasive or heat resistant threads may also be woven into the sheath. A sponge material may be disposed between the sheath and the central member.

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

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

(34) The of the invention : FLUX COMPOSITIONS FOR STEEL GALVANIZATION				
(51) International classification	:C23C	(71)Name of Applicant :		
(31) Priority Document No	:1219213.4	1)FONTAINE HOLDINGS NV		
(32) Priority Date	:25/10/2012	Address of Applicant :CENTRUM ZUID 2037, 3530		
(33) Name of priority country	:U.K.	HOUTHALEN, BELGIUM		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)DAVID WARICHET		
(87) International Publication No	: NA	2)JULIEN BALDUYCK		
(61) Patent of Addition to Application Number	:NA	3)CAROLINE MASQUELIER		
Filing Date	:NA			
(62) Divisional to Application Number	:NA			
Filing Date	:NA			

## (54) Title of the invention : FLUX COMPOSITIONS FOR STEEL GALVANIZATION

(57) Abstract :

This invention relates to a flux composition for treating a metal surface prior to batch hot galvanizing in molten zinc-based alloys. The composition comprises (a) more than 40 and less than 70 wt.% zinc chloride, (b) 10 to 30 wt.% ammonium chloride, (c) more than 6 and less than 30 wt.% of a set of at least two alkali or alkaline earth metal halides, (d) from 0.1 to 2 wt.% lead chloride, and (e) from 2 to 15 wt.% tin chloride, provided that the combined amounts of lead chloride and tin chloride represent at least 2.5 wt.% of said composition. The invention further relates to a fluxing bath comprising this flux composition dissolved in water for use in galvanizing processes, by batch or continuously, of metal articles such as iron or steel long products and flat products, thus affording a protective coating layer with a thickness ranging from 5 to 30  $\mu$ m.

No. of Pages : 29 No. of Claims : 10

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR OPERATING A GAS TURBINE WITH SEQUENTIAL COMBUSTION AND GAS TURBINE FOR CONDUCTING A SAID 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</li> </ul>	:F23R :12189430.7 :22/10/2012 :EUROPEAN UNION :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD Address of Applicant :BROWN BOVERI STRASSE 7, 5400 </li> <li>BADEN, SWITZERLAND  (72)Name of Inventor : 1)CIANI, ANDREA</li></ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA :NA :NA	2)EROGLU, ADNAN 3)PENNELL, DOUGLAS ANTHONY 4)TRAN, NICOLAS 5)FREITAG, EWALD

#### (57) Abstract :

The invention discloses a method for operating a gas turbine (10) with sequential combustion (14, 15, 17, 19), which gas turbine (10) comprises a compressor (13), a first combustor (14, 17) with a first combustion chamber (14) and first burners (17), which receives compressed air from the compressor (13), a second combustor (15, 19) with a second combustion chamber (15) and second burners (19), which receives hot gas from the first combustor (14, 17) with a predetermined second combustor inlet temperature, and a turbine (16), which receives hot gas from the second combustor (15, 19). The CO emission for part-load operation is reduced by reducing the second combustor inlet temperature for base-load operation of the gas turbine (10), and increasing the second combustor inlet temperature when decreasing the gas turbine load (RLGT) from base-load to part-load.

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

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

# (43) Publication Date : 27/02/2015

(0.1)		
(51) International classification	:F23R	(71)Name of Applicant :
(31) Priority Document No	:12189606.2	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:23/10/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EPO	BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CIANI, ANDREA
(87) International Publication No	: NA	2)WOOD, JOHN PHILIP
(61) Patent of Addition to Application Number	:NA	<b>3)PENNELL, DOUGLAS ANTHONY</b>
Filing Date	:NA	4)FREITAG, EWALD
(62) Divisional to Application Number	:NA	5)BENZ, URS
Filing Date	:NA	6)THEUER, ANDRE

#### (54) Title of the invention : BURNER FOR A CAN COMBUSTOR

#### (57) Abstract :

The present invention relation to a burner for a combustion chamber of a gas turbine with a mixing and injection device, wherein the mixing and injection device is comprising a limiting wall that defines a gas-flow channel and at least two streamlined bodies (22), each extending in a first transverse direction into the gas-flow channel. Each streamlined body (22) had two lateral surfaces that are arranged essentially parallel to the main-flow direction (14), the lateral surfaces being joined to one another at their upstream side to form a leading edge of the body and joined at their downstream side to form a trailing edge of the body (22). Each streamlined body (22) has a cross-section perpendicular to the first transverse direction (49) that is shaped as a streamlined profile. At least one of said streamlined bodies (22) is provided with a mixing structure and with at least one fuel nozzle located at its trailing edge for introducing at least one fiael essentially parallel to the main-flow direction (14) into the flow channel, wherein at least two of the streamlined bodies (22) have different lengths along the first transverse direction such that they may be used for a can combustor. The invention also relates to a method of using said burner in a gas turbine.

No. of Pages : 33 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :01/11/2013

#### (54) Title of the invention : ANALYSIS SYSTEM AND INFORMATION PROCESSING DEVICE :G01N (71)Name of Applicant : (51) International classification 1)HORIBA, Ltd. :2012-(31) Priority Document No 246267 Address of Applicant :2, Miyanohigashi-cho, Kisshoin, :08/11/2012 Minami-ku, Kyoto-shi, Kyoto 601-8510 Japan (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan 1)URATANI. Katsumi (86) International Application No :NA Filing Date :NA 2)MISOGI, Tsutomu (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 is directed to an analysis system intended to be able to perform a unit setting of values over multi-pieces of analysis-associated data easily and systematically every analysis device, and the analysis system is provided with an analysis device and an information processing device, wherein the information processing device includes: a unit series data storage part adapted to store multi-pieces of unit series data composed by specifying units to be respectively used for values of the multi-pieces of analysis-associated data given and received between the analysis device and the information processing device; a selection input receiving part adapted to receive a selection input of any of the multi-pieces of the unit series data stored in the unit series data storage part; and a data output part adapted to output each of the values of the analysis-associated data in the unit specified to the selected unit series data.

No. of Pages : 23 No. of Claims : 8

(22) Date of filing of Application :15/10/2013

#### (54) Title of the invention : YARN WINDING MACHINE AND YARN WITHDRAWAL METHOD

(51) International classification	:B65H	(71)Name of Applicant :
	:2012-	1)MURATA MACHINERY, LTD.
(31) Priority Document No	262795	Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date		KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:Japan :NA	JAPAN (72) <b>Name of Inventor :</b>
Filing Date	:NA	1)TETSUYA NAMIKAWA
(87) International Publication No	: NA	2)ATSUSHI YAMAMOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A winder unit 10 includes a package driving motor 41, an upper-yarn catching member, and a unit control section 50. The unit control section 50 is adapted to control the package driving motor 41 to rotationally drive the package 30 at a yarn-end catching speed when the upper-yarn catching member 26 is located at a catching region R1 where the upper-yarn catching member 26 catches a yarn end of the package 30. The unit control section 50 is adapted to control the package driving motor 41 to rotationally drive the package 30 at a yarn end of the package 30. The unit control section 50 is adapted to control the package driving motor 41 to rotationally drive the package 30 at a yarn guiding speed, which is faster than the yarnend catching speed, when the upper-yarn catching member 26 moves from the catching region R1 to a guiding target 14.

No. of Pages : 47 No. of Claims : 11

(19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : COMBUSTOR TRANSITON		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F23R :12189723.5 :24/10/2012 :EUROPEAN	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD.</li> <li>Address of Applicant :BROWN BOVERI STRASSE 7, 5400</li> <li>BADEN, SWITZERLAND</li> </ul>
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	UNION :NA	(72)Name of Inventor : 1)DUSING MICHAEL
Filing Date	:NA	2)BOTHIEN MIRKO RUBEN
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract :

The disclosure relates combustor transition (24) adapted to guide combustion gases in a hot gas flow path (15) extending between a can combustor (2) and a first stage of turbine (3) in a gas turbine (9). The combustor transition (24) comprises a duct having an upstream end adapted for connection to the can combustor (2) and an downstream end adapted for connection to a first stage of a turbine (3), wherein the downstream end comprises an outer wall (11), an inner wall (12), a first and a second side wall (21a, 21b). The combustor transition is, characterized in that at least one side wall (21a, 21b) has a side wall extension (20, 20a, 20b), which is extending in a downstream direction beyond the outlet (22). Besides the combustor transition (24) a gas turbine comprising such a combustor transition (24), a method for retrofitting a gas turbine (9) with such a combustor transition (24) as well as a method for borescope inspection of a GT with such a combustor transition are disclosed.

No. of Pages : 23 No. of Claims : 14

#### (19) INDIA

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

## (54) Title of the invention : CONVERSION METHOD, PROGRAM AND SYSTEM OF POWER SYSTEM DATA MODELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(54) International Application No</li> <li>(54) International Publication No</li> <li>(54) International Publication No</li> <li>(55) International Publication No</li> <li>(51) International Publication Number</li> <li>(51) International to Application Number</li> <li>(51) International to Application Number</li> <li>(51) International to Application Number</li> <li>(52) Divisional to Application Number</li> <li>(51) Filing Date</li> <li>(51) Patent of Addition to Application Number</li> <li>(51) Patent of Addition Number</li> <li>(51) Patent of Addition Number</li> <li>(51) Patent of Application Number</li> <li>(51) Patent of Application Number</li> <li>(52) Divisional to Application Number</li> <li>(52) Divisional to Application Number</li> <li>(52) Divisional to Application Number</li> <li>(53) NA</li> <li>(54) Divisional to Application Number</li> <li>(54) Patent of Addition Number</li> <li>(54) Patent of Application Number</li> <li>(55) Divisional to Application Number</li> <li>(56) Divisional to Application Number</li> <li>(57) NA</li> <li>(52) Divisional to Application Number</li> <li>(53) NA</li> <li>(54) Divisional to Application Number</li> <li>(54) Patent</li> <li>(55) Divisional to Application Number</li> <li>(56) Divisional to Application Number</li> <li>(57) Patent</li> <li>(58) Patent</li> <li>(59) Patent</li> <li>(50) Patent</li> <li>(51) Patent</li> <li>(51) Patent</li> <li>(51) Patent</li> <li>(52) Divisional to Application Number</li> <li>(51) Patent</li> <li>(52) Divisional to Application Number</li> <li>(53) Patent</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> <l< th=""><th></th></l<></ul>	
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#### (57) Abstract :

A power system data model conversion method, a power system data model conversion system and a power system data model conversion program which are to perform a fast power system analysis and used for a power system analysis capable of reducing inconsistency with another information system, wherein all instances used for the power system analysis are read out from a CIM database server (102) which is commonly used on a power system information system (101), and a connected relation between instances is constructed while performing recursive retrieval. And, conversion processing of the data model is performed to integrate information necessary for the power system analysis and dispersed to extend over the plural classes of a CIM data model into one class.

No. of Pages : 36 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/11/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : FILTER ELEMENT.		
(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:12 192 849.3	1)PALL CORPORATION
(32) Priority Date	:15/11/2012	Address of Applicant :25 HARBOR PARK DRIVE PORT
(33) Name of priority country	:EUROPEAN	WASHINGTON, NEW YORK 11050, USA U.S.A.
	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)ZEILER, MARTIN
Filing Date	:NA	2)DIEMER, WOLFGANG
(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 filter element for use in cross-flow and dead-end filtration which can be manufactured with reasonable costs and allows adaptation to various filtration applications comprises a porous sheet material having a non-filtrate side and a filtrate side, said sheet material being arranged in a plurality of pleats extending in a longitudinal direction, each pleat having a first and second wall portion extending perpendicular to said longitudinal direction from a first, open end to a second, closed end of the pleats, the first and second wall portions being spaced apart from one another; and a non-filtrate fluid supply arrangement extending along the longitudinal direction of the pleats, wherein said fluid supply arrangement is in fluid communication with the first or second end of each pleat substantially along the whole length of the pleats, said fluid supply arrangement being provided with openings designed to provide a fluid flow from the supply arrangement into the pleats in a direction substantially perpendicular to the longitudinal direction thereof.

No. of Pages : 81 No. of Claims : 18

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

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : VALVE DRIVE ARRANGEMENT FOR ACTUATING GAS EXCHANGE VALVES 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> <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>	:F01L :102012109689.9 :11/10/2012 :Germany :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)KAPPLER, STEFFEN MATTHIAS</li> </ul>
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(57) Abstract :

The invention relates to a valve drive arrangement for actuating gas exchange valves of an internal combustion engine having a camshaft (6), on which first and second cam carriers (16, 34) are arranged on first and second contact regions (40, 44) in a nonpositive and/or positively locking manner, the first cam carrier (16) having at least one cam (28, 30) for actuating a gas exchange valve and the second cam carrier (34) having at least one cam (36) for actuating an ancillary unit (38), the first contact region (40) being configured with regard to the geometric dimensions differently in relation to the second contact region (44) in such a way that the second carrier (34) can be mounted, without being impeded by the contact regions (40) for the first carrier (16).

No. of Pages : 10 No. of Claims : 7

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

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SLIDING CAM ARRANGEMENT FOR THE VARIABLE ACTUATION OF GAS EXCHANGE VALVES 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 <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>	:F01L :102012109690.2 :11/10/2012 :Germany :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. ING H.C. F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)KAPPLER, STEFFEN MATTHIAS</li> <li>2)ICKINGER, FRANK</li> </ul>
Filing Date	:NA	

(57) Abstract :

The invention relates to a sliding cam arrangement for the variable actuation of gas exchange valves of an internal combustion engine, having a camshaft (6) which has toothing regions (10) with an external toothing (12), wherein the toothing regions (10) mesh in each case with an internal toothing (14) of a cam carrier (16), wherein the ratio of base circle radius R2 of the cam carrier (16) to tip circle radius R1 of the toothing (12) of the camshaft (6) satisfies the following criteria: R2/R1 < 1.55.

No. of Pages : 8 No. of Claims : 2

#### (19) INDIA

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF (2E)-3-(3,4-DIMETHOXYPHENYL) PROP-2-ENENITRILE, AND APPLICATION IN THE SYNTHESIS OF IV ABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE 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 Application No Filing Date</li> </ul>	:C07D :12/60576 :08/11/2012 :France :NA :NA	SURESNES CEDEX, FRANCE (72)Name of Inventor : 1)MARIA DEL PILAR CARRANZA
<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 :NA :NA :NA	2)MARIA ISABEL GARCIA ARANDA 3)JOSE LORENZO GONZALEZ 4)FREDERIC SANCHEZ

(57) Abstract :

Process for the synthesis of the compound of formula (I): Application in the synthesis of ivabradine, addition salts thereof with a pharmaceutically acceptable acid and hydrates thereof.

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

#### (19) INDIA

(22) Date of filing of Application :25/10/2013

(54) Title of the invention : PURGE TEE ASSEMBLY			
	-		
(51) International classification	:F16L	(71)Name of Applicant :	
(31) Priority Document No	:1219183.9	1)RADIUS SYSTEMS LIMITED	
(32) Priority Date	:25/10/2012	Address of Applicant :RADIUS HOUSE, BERRISTOW	
(33) Name of priority country	:U.K.	LANE, SOUTH NORMANTON, ALFRETON, DERBYSHIRE	
(86) International Application No	:NA	DE55 2JJ, UNITED KINGDOM U.K.	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)DEREK MUCKLE	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

#### (57) Abstract :

A purge tee assembly for purging a plastics mains pipeline comprising: a saddle, provided with a saddle-shaped saddle electrofusion element; a hollow body, integral with the saddle, and provided with an axial bore and an externally screw threaded end distal to said saddle, said externally threaded end to receive a first screw cap; a cutter disposed within said axial bore and advanceable and withdrawable therein to cut a hole in the mains pipe when the saddle is fitted thereto; and a tubular spigot, integral with the hoHow body, and having a spigot bore in fluid connection with the axial bore of the body, the spigot having an externally screw threaded distal outlet and a second screw cap, characterised in that the assembly further comprises a vent sleeve having a first section with a first longitudinal axis, a second section with a second longitudinal axis substantially perpendicular to the first longitudinal axis, and means for fixing the vent sleeve to said hollow body, whereby, when said second screw cap is removed, the first section of the vent sleeve is beatable on the spigot with the first longitudinal axis substantially parallel said spigot bore and the second section of the vent sleeve extending substantially parallel the axial bore of the hollow body.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3284/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :07/11/2013
(43) Publication Date : 27/02/2015

#### (54) Title of the invention : OPERATIONS-RELATED INFORMATION DISPLAY SYSTEM AND METHOD USING REAL-TIME TRAIN TRAVELING INFORMATION

<ul> <li>(51) International classification</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) Present of Addition to Application No</li> </ul>	:Japan :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HITACHI, LTD.</li> <li>Address of Applicant :6-6, MARUNOUCHI 1-CHOME,</li> <li>CHIYODA-KU, TOKYO 100-8280, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)MIKI MORIFUJI</li> </ul>
ε		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

As a system for notifying a train operator of support information for operating a train according to a schedule, there is technology for supporting train operations by displaying the location and speed of the train on a running curve that accords with the operations schedule of the train. However, the prior art does not take into account displaying, in real-time, operations support information to the operator. Therefore, technology for processing ever-changing train traveling information, and creating and displaying in real-time operations support information has not been disclosed. Hence, the present invention transmits onboard information in real-time from a train to a ground apparatus. The ground apparatus is configured to perform computations by merging the onboard information with ground information, to calculate optimum operating conditions, and to display this information on a monitor for the operator via a network.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

(54) Title of the invention : RAZORS AN	D RAZOR HANDLES	
<ul> <li>(51) International classification</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>	:B26B21/52 :1115491.1 :08/09/2011 :U.K. :PCT/GB2012/052176	<ul> <li>(71)Name of Applicant :</li> <li>1)EVOSHAVE LIMITED</li> <li>Address of Applicant :35 Ballards Lane London N3 1XW</li> <li>U.K.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:05/09/2012 :WO 2013/034902	1)WOOLFSON Robert 2)YAFFE Adam
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A razor handle (12) comprising a main body portion and a connector (14) for connecting in use the main body portion to a razor cartridge (16) the main body portion comprising first and second spaced apart fingertip engaging surfaces (24 26) adapted in use to be engagable with opposite sides of a user s fingertips (43) and a grip portion (20) interposed between the fingertip engaging surfaces (24 26). The grip portion is substantially transverse to at least one of the finger engaging surfaces. A first one of the finger engaging surfaces (24) preferably comprises first (36) and second (38) spaced apart fingertip engaging surface portions one of which fingertip engaging surface portions (38) is located proximally to the connector (14) and most preferably substantially above and behind a trailing edge (42) of the razor cartridge (16).

No. of Pages : 24 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHODS OF PRODUCING PARA XYLENE AND TEREPHTHALIC 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 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>	:C07C15/08,C07C2/52 :61/535853 :16/09/2011 :U.S.A	<ul> <li>(71)Name of Applicant :</li> <li>1)MICROMIDAS INC. Address of Applicant :930 Riverside Parkway Suite 10 West</li> <li>Sacramento CA 95605 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)MASUNO Makoto N.</li> <li>2)CANNON Douglas</li> <li>3)BISSELL John</li> <li>4)SMITH Ryan L.</li> <li>5)FOSTER Marc</li> <li>6)WOOD Alex Benjamin</li> <li>7)SMITH Patrick B.</li> <li>8)HUCUL Dennis A.</li> </ul>
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(57) Abstract :

THE PRESENT DISCLOSURE PROVIDES METHODS TO PRODUCE XYLENE TOLUENE AND OTHER COMPOUNDS FROM RENEWABLE SOURCES (. CELLULOSE HEMICELLULOSE) AND ETHYLENE IN THE PRESENCE OF AN ACID SUCH AS A LEWIS ACID. FOR EXAMPLE CELLULOSE AND/OR HEMICELLULOSE MAY BE CONVERTED INTO 2 5 DIMETHYLFURAN (DMF) AND 2 METHYLFURAN WHICH MAY BE CONVERTED INTO XYLENE AND TOLUENE RESPECTIVELY. IN PARTICULAR XYLENE CAN THEN BE OXIDIZED TO FORM TEREPHTHALIC ACID.

No. of Pages : 43 No. of Claims : 40

#### (19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A DEVICE FOR CORRECTING INGROWING FOOT NAILS AND A METHOD FOR COSMETIC CORRECTION OF INGROWING FOOT NAILS

<ul> <li>(51) International classification</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>	:A61F5/11 :P.396644 :14/10/2011 :Poland :PCT/EP2012/070354 :13/10/2012 :WO 2013/053933 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ARKADA LICENCE SP. ZO.O. Address of Applicant :ul. Wroclawska 3 PL 65 001 Zielona Gora Poland</li> <li>(72)Name of Inventor :</li> <li>1)ARKADA Adrian</li> </ul>
	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A device for correcting ingrowing foot nails. It comprises a base (101; 201; 301) on which there are mounted means (111 112; 211 212; 311) for immobilizing the toe with respect to the base (101; 201; 301) means (121; 221; 321) pressing the middle portion of the nail towards the base (101; 201; 301) slidable and pivotable means (131 132; 231 232; 331) for manipulating at the lateral edge of the nail and slidable and pivotable means (141; 241 242; 341) for manipulating at the front portion of the nail.

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

#### (19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : A MULTI FLOW MULTI VENTING NIPPLE FOR FEEDING INFANTS

(51) International classification:A61U(31) Priority Document No:13/66'(32) Priority Date:02/11/(33) Name of priority country:U.S.A(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(87) International Publication Number:NAFiling Date:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	1)DART INDUSTRIES INC.2002Address of Applicant :14901 SOUTH ORANGE BLOSSOM
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#### (57) Abstract :

A multi flow multi venting nipple includes a teat having a flow aperture which allows for at least two different flow rates depending upon the operative radial orientation of the nipple. The nipple further includes a number of vent apertures, equal to the number of flow rates, formed by check valves extending through the nipple to reduce negative pressure during use. Each vent aperture is associated with a particular flow rate, and is radially oriented to be uppermost and vertically above the flow aperture during use at such flow rate. All vent apertures will be operable at once. The nipple further includes safety walls extending from the nipple and surrounding at least half the periphery of each check valve forming the vent apertures. The safety wall prevents unintentional and rough contact from damaging the check valves.

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

#### (19) INDIA

(22) Date of filing of Application :12/11/2013

(54) Title of the invention : SOLAR CELL		
<ul> <li>(51) International classification</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>	:F24j :61/726,982 :15/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	

(57) Abstract :

A solar cell including a substrate, a first electrode layer in which a la-th threugh-region is formed, a second electrode layer in which a Ib-th through-region is formed at a positron corresponding to the la-th through-region, and a light absorbing layer formed on the second electrode layer. Here, the solar cell can be implemented to be thin and have improved power generating efficiency.

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

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : WATER FILTER CARTRIDGE WITH VALVES (51) International classification (71)Name of Applicant : :A45B 1)BAIRD MICHAEL T. (31) Priority Document No :13/657,702 (32) Priority Date Address of Applicant :42188 RIO NEDO UNIT B, :22/10/2012 (33) Name of priority country TEMECULA CALIFORNIA 92590 UNITED STATES OF :U.S.A. (86) International Application No AMERICA U.S.A. :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)BAIRD MICHAEL T. (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A water filter cartridge having a housing with an inlet nozzle with a concentric, smaller outlet nozzle extending through the inlet nozzle with a space therebetween defining an inlet to a flow path passing through a filter and through the outlet nozzle. A diaphragm valve mounted to the outlet nozzle blocks upstream flow out of the inlet when the cartridge is not in use. An umbrella valve mounted on the end of the filter blocks downstream flow out of the outlet nozzle when the cartridge is not in use, thus reducing leakage when the cartridge is removed from the appliance.

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

#### (19) INDIA

(22) Date of filing of Application :30/10/2013

(21) Application No.3209/DEL/2013 A

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : VENKATA RATNAM NEEDLE HOLDER		
(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:470/2013	1)BANDIKATLA VENKATA RATNAM
(32) Priority Date	:29/04/2013	Address of Applicant :C/O P.O. BOX 6222, ABU DHABI,
(33) Name of priority country	:U.A.E.	UNITED ARAB EMIRATES U.A.E.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BANDIKATLA VENKATA RATNAM
(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 the Needle holders used to apply sutures during surgeries. It is an instrument used for suturing of tissues during surgical operations.

No. of Pages : 10 No. of Claims : 4

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :05/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SYTEM AND METHOD FOR REINFORCING A WEAKENED AREA OF A WIND TURBINE BLADE

( <b>5</b> 1) Internet in a 1 short ( <b>6</b> and <b>1</b> short)	F22D	(71)NI
(51) International classification	:F23D	(71)Name of Applicant :
(31) Priority Document No	:ES201201140	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:16/11/2012	Address of Applicant : AVENIDA CIUDAD DE LA
(33) Name of priority country	:Spain	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA)
(86) International Application No	:NA	SPAIN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)FUERTES THOMAS JUAN JOSE
(61) Patent of Addition to Application Number	:NA	2)LARISGOITIA ASTOBIZA IRUNE
Filing Date	:NA	3)RIEZU CORPAS ANDRES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a system and method for reinforcing a weakened area of a wind turbine blade whose interior comprises a box beam extending from the blade root to the blade tip and wherein said box beam comprises an open end at the blade root. The system is characterized by comprising a repair modLile (100) adapted for moving inside the box beam and transporting a reinforcement element (107) from the blade root to the weakened area; and by the repair module (100), which is adapted for applying the reinforcement element (107) onto a interior surface of the box beam in the weakened area.

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

#### (19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : POSITIVE PRESSURE PNEUMATIC CONVEYING METHOD AND CONVEYING DEVICE FOR MILL REJECTS

		(71)Name of Applicant :
(51) International classification	:B65G	1)FUJIAN LONGKING CO., LTD.
(31) Priority Document No	:20120501408.8	Address of Applicant :NO. 81 LING YUAN ROAD, XINLUO
(32) Priority Date	:29/11/2012	DISTRICT, LONGYAN, FUJAN 364000, P.R. CHINA China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:NA	1)PAN, RENHU
Filing Date	:NA	2)TIAN, QING
(87) International Publication No	: NA	3)ZHANG, JINMING
(61) Patent of Addition to Application Number	:NA	4)QIU, SHENGXIANG
Filing Date	:NA	5)JIANG, XINGTAO
(62) Divisional to Application Number	:NA	6)WU, LIANGBIN
Filing Date	:NA	7)LIAO, JINGHUA
		8)LUO, YUEJIA

#### (57) Abstract :

The present application provides a positive-pressure pneumatic conveying method for mill rejects comprising the following steps: a feeding stage; an air intake stage: closing an unblocking valve, and opening an air compensation valve until a pressure value PT in a 5 conveying pipeline reaches a set air charging pressure value PC; a conveying stage: conveying the mill rejects to a terminal bunker through the conveying pipeline; large particle blowing stage: controlling a corresponding air intake valve via a timing controller to blow large particles of mill rejects remained in the conveying pipeline and the blow-tank into the terminal bunker; a waiting stage: the unblocking valve being in open state and other valves 10 being in closed state. In the conveying method provided by present application, the large particle blowing stage is added after the conveying stage is finished, such that the mill rejects deposited in the blow-tank and the conveying pipeline can be blown and swept into the terminal bunker, thereby avoiding the pipe blockage in a next conveying process caused by the deposited large particles of mill rejects. The present application further provides a 15 positive-pressure pneumatic conveying device for mill rejects using the above conveying method.

No. of Pages : 31 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SOLAR BOILER PANEL 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 <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>	:F24J :13/675,143 :13/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD

#### (57) Abstract :

A solar boiler 300 includes first and second primary receiver panels 500, 600 spaced apart by a gap 700. Each panel 500, 600 include a plurality of primary boiler tubes 510, 610 for receiving solar flux. The boiler 300 includes at least one secondary receiver arrangement 800 disposed across the gap 700 for receiving solar flux incident thereacross. The arrangement 800 includes at least one secondary boiler tube 810, and at least one support member 820 supported thereto. The arrangement 800 is configured relative to the primary panels 500, 600 such that endmost primary boiler tubes 510a, 610a are supported over the support member 820 in spaced relation S to the secondary boiler tube 810 for enabling transverse and lateral thermal expansion of the tubes 510, 610, 810 without bending out. Further, a panel joining attachment 900 is provided for attaching the panels 500, 600 and the arrangement 800.

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

#### (21) Application No.3027/DEL/2013 A

#### (19) INDIA

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

(54) Title of the invention : SUBMARINE		
(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:10 2012 219 266.2	1)ThyssenKrupp Marine Systems GmbH Address of Applicant :Werftstae 112-114, Kiel 24143 (DE)
(32) Priority Date	:22/10/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)RIECHEL, Philipp
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 submarine comprises at least one emergency exit lock. A holding device with holding means which are fixed with respect to the submarine are arranged in this emergency exit lock, for the releasable fixation on a submarine rescue suit, wherein a control device is provided for the automatic release of the holding means.

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

#### (19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : USB PERIPHERAL DEVICE DETECTION ON AN UNPOWERED BUS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H02J :1260842	(71)Name of Applicant : 1)THOMSON LICENSING
(32) Priority Date	:14/11/2012	
(33) Name of priority country	:France	ISSY-LES-MOULINEAUX, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PHILIPPE MARCHAND
(87) International Publication No	: NA	2)PHILIPPE GUILLOT
(61) Patent of Addition to Application Number	:NA	3)XAVIER GUITTON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Method for detecting a connection of a peripheral device (230) to a communication interface (2, 3, 5, 8) of an electronic device (10) and associated detection circuit (8, 200); the communication interface comprising a voltage power line (VBUS) for the power supply of a peripheral device, a range of nominal operating voltage values being associated with the power line, the method being characterised in that it comprises steps of application of a nominal voltage (S4) comprised in the range of nominal operating voltage values to the power line, of withdrawal of the nominal operating voltage (1) applied to the power line (V\_BUS), of detection (S2), on the power line, in the presence of a residual voltage less than a threshold value of the nominal voltage value, of a transient signal resulting from the connection of the peripheral device (230) to the interface, and of application of the nominal voltage to the voltage power line, according to the transient signal.

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

#### (19) INDIA

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

(34) The of the Invention : ANAL 1515 5151EM	AND MANAO	
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HORIBA, Ltd.
(51) Thomy Document No	245083	Address of Applicant :2, Miyanohigashi-cho, Kisshoin,
(32) Priority Date	:07/11/2012	Minamiku, Kyoto-shi, Kyoto 601-8510 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)URATANI, Katsumi
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : ANALYSIS SYSTEM AND MANAGEMENT DEVICE

(57) Abstract :

This invention is to make it possible for the analysis system (1) to conduct th5 e minimum operation of the management device (3) or monitoring a movement of the analysis device (2) continuously while preventing an unexpected operation by an unauthorized user. In order to attain this object, the access level is automatically changed to the smaller operable range in case that the operation conducted based on a certain access level is interrupted for a 10 certain period of time.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND METHODS FOR CONDITIONING A FILTER ASSEMBLY

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:13/674,415	1)PALL CORPORATION
(32) Priority Date	:12/11/2012	Address of Applicant : OF 25 HARBOR PARK DRIVE,
(33) Name of priority country	:U.S.A.	PORT WASHNGTON, NEW YORK 11050, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MESAWICH, MICHAEL JOSEPH
(87) International Publication No	: NA	2)BICA, JOSEPH
(61) Patent of Addition to Application Number	:NA	3)SEVEGNEY, MICHAEL STUART
Filing Date	:NA	4)DADO, GLENN
(62) Divisional to Application Number	:NA	5)GOTLINSKY, BARRY
Filing Date	:NA	6)NOVAK, RICHARD E.

(57) Abstract :

Systems and methods condition a filter assembly. Purging liquid is passed through the filter assembly to remove contaminants from the pores and voids of the filter medium and from the upstream and downstream sides of the filter medium.

No. of Pages : 39 No. of Claims : 42

#### (19) INDIA

(22) Date of filing of Application :12/11/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : TOOTHED WHEEL		
(51) International classification	:F04C	(71)Name of Applicant :
(31) Priority Document No	:A 50505/2012	1)MIBA SINTER AUSTRIA GMBH Address of Applicant :DR. MITTERBAUER-STRAE 3 4663
(32) Priority Date	:12/11/2012	LAAKIRCHEN OSTERREICH AUSTRIA (AT) Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:NA	1)KAISER THOMAS
Filing Date	:NA	2)GEBHART DIETMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a method for producing a toothed wheel (1) in net shape or near-net shape quality, in particular a chain wheel, for a A/T system from a powder, with the toothed wheel (1) having an at least approximately cylindrically shaped housing (2) which is delimited in axial direction by one respective end face 10 (6, 7) and which has an outside surface (3), and at the outside surface (3), a toothing (8) having teeth (9) and tooth roots (10) between the teeth (9) is embodied at a distance to both of the end faces (6, 7), and the toothing (8) has a tooth root circle (25) having a tooth root circle diameter, and the powder is filled into a mold (28) and pressed by means of at least one punch, and protrusions (11, 20) are embo-15 died at least in the region of the teeth (9) at the outside surface (3) of the housing (2) and projecting over the latter in radial direction.

No. of Pages : 23 No. of Claims : 14

(19) INDIA

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

## (54) Title of the invention : DAMPER ARRANGEMENT FOR REDUCING COMBUSTION-CHAMBER PULSATION

(51) International classification	:F23R	(71)Name of Applicant :
(31) Priority Document No	:12189685.6	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:24/10/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(22) Nama of aniarity constant	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)BOTHIEN, MIRKO RUBEN
Filing Date	:NA	2)HELLAT, JAAN
(87) International Publication No	: NA	3)SCHUERMANS, BRUNO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention concerns a damper arrangement for reducing combustion-chamber pulsation arising inside a gas turbine, wherein the gas turbine essentially comprises at least one compressor, a primary combustor which is connected downstream to the compressor, and the hot gases of the primary combustor are admitted at least to an intermediate turbine or directly or indirectly to a secondary combustor. The hot gases of the secondary combustor are admitted to a further turbine or directly or indirectly to an energy recovery, wherein at least one combustor is arranged in a can-architecture. At least one combustor liner comprising air passages, wherein at least one of the air passages is formed as a damper neck. The damper neck being actively connected to a damper volume, and the damper volume is part of a connecting duct extending between a compressor air plenum and the combustor.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

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

(54) Title of the invention : COMBUSTOR TRANSITION			
(51) International classification	:F23R	(71)Name of Applicant :	
(31) Priority Document No	:12189722.7	1)ALSTOM TECHNOLOGY LTD	
(32) Priority Date	:24/10/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400	
	:EUROPEAN	BADEN, SWITZERLAND	
(33) Name of priority country	UNION	(72)Name of Inventor :	
(86) International Application No	:NA	1)BOTHIEN, MIRKO RUBEN	
Filing Date	:NA	2)DUESING, MICHAEL	
(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 combustor transition (24) adapted to guide combustion gases in a hot gas flow path (15) extending between a can combustor (2) and a first stage of turbine (3) in a gas turbine (9). The combustor transition (24) comprises a duct having an upstream end adapted for connection to the can combustor (2) and an downstream end adapted for connection to a first stage of a turbine (3), wherein the downstream end comprises an outer wall (11), an inner wall (12), a first and a second side wall (21a, 21b). The combustor transition is, characterized in that at least one side wall (21a, 21b) has a side wall extension (20, 20a, 20b), which is extending in a downstream direction beyond the outlet (22). The side wall extension (20, 20a, 20b) at least partly encloses a first resonator volume (28) and at least one side wall extension (20, 20a, 20b) comprises a resonator hole (26), which is configured as a neck of a Helmholtz-damper. Besides the combustor transition (24) a gas turbine comprising such a combustor transition (24), a method for retrofitting a gas turbine (9) with such a combustor transition (24) as well as a method for borescope inspection of a GT with such a combustor transition are disclosed.

No. of Pages : 27 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 27/02/2015

(54) Title of the invention : REHEAT BURNER	ARRANGEMEN	Т
(51) International classification	:F23D	(71)Name of Applicant :
(31) Priority Document No	:12190051.8	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:25/10/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(22) Normal for the interval $(22)$	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)WOOD JOHN PHILIP
Filing Date	:NA	2)CIANI ANDREA
(87) International Publication No	: NA	3)THEUER ANDRE
(61) Patent of Addition to Application Number	:NA	4)PENNELL DOUGLAS ANTHONY
Filing Date	:NA	5)FREITAG EWALD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) A1		1

(57) Abstract :

Reheat burner arrangement comprising a center body, an annular duct with a crosssection area, an intermediate fuel injection plane located along the center body and being actively connected to the cross section area of the annular duct, wherein the center body is located upstream of a combustion chamber, wherein the structure of the reheat burner arrangement is defined by various parameters and the structure of the reheat burner arrangement is defined by various dependencies.

No. of Pages : 32 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :13/11/2013

#### (54) Title of the invention : BURNISHING DEVICE AND BURNISHING METHOD USING IT

(51) International classification	:B24B	(71)Name of Applicant :
(21) Priority Document No.	:2012-	1)HITACHI, LTD.
(31) Priority Document No	276072	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:18/12/2012	CHIYODA-KU, KOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIRANO ATSUYA
Filing Date	:NA	2)SHISHIME KEIKO
(87) International Publication No	: NA	3)KUDO TAKESHI
(61) Patent of Addition to Application Number	:NA	4)MIKAZUKI KAZUTO
Filing Date	:NA	5)SATO KOKI
(62) Divisional to Application Number	:NA	6)YODA HIDEO
Filing Date	:NA	

#### (57) Abstract :

A burnishing device and a burnishing method are provided, which enable burnishing processing to be reliably performed on a surface being included in an object to be processed and having a change in height and inclination angle. The burnishing device includes a burnishing tool having a pressing unit that rotationally presses a surface of an object to be processed, the surface having a change in height and inclination angle, a tool driving device configured to move the burnishing tool, a strain sensor configured to detect the strain amount of the burnishing tool, and a computer configured to calculate pressing force to be applied by the pressing unit in a normal direction of the surface of the object to be processed, calculate a correction amount of displacement of the tool driving device in a pressing direction on the basis of the calculated pressing force and stored pressing force in advance, and output the correction amount to the tool driving device.

No. of Pages : 77 No. of Claims : 12

#### (19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : FILTER DEVICE WITH A FILTER SEPARATION 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 Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B01D :102012219979.9 :31/10/2012 :Germany :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)KUSTIC, MARKO</li> </ul>
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A filter device (10). in particular, for fuel or urea, comprising a filter separation layer (16) for filtering a fluid, the filter separation layer (16) is designed as a pipe wall, and a fluid guiding device (20) is provided, with which the fluid to be filtered is passed around the pipe wall in a circumferential direction.

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

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : DISTRIBUTED MEASUREMENT ARRANGEMENT FOR AN EMBEDDED AUTOMOTIVE ACQUISITION DEVICE WITH TCP ACCELERATION

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:12188660.0	1)ROBERT BOSCH GMBH
(32) Priority Date	:16/10/2012	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:EUROPEAN	STUTTGART, GERMANY
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)MOHR, PAUL
Filing Date	:NA	2)STRAUB, STEFAN
(87) International Publication No	: NA	<b>3)POHL, CHRISTOPHER</b>
(61) Patent of Addition to Application Number	:NA	4)ROETTGER, KAI
Filing Date	:NA	5)LEUWER, HERBERT
(62) Divisional to Application Number	:NA	6)BAYER, THOMAS
Filing Date	:NA	

#### (57) Abstract :

The invention refers to a method and a communication system for transmitting in either direction data between any two devices in a client layer and/or a transport layer of a communication system. The data transmission is performed according to the transport control protocol, referred to hereinafter as TCP. In order to achieve a high data transmission rate it is suggested that central storage means (12) for buffering the data to be transmitted and a TCP protocol operation block (10) are provided within the communication system, wherein the TCP protocol operation block (10) handles references on the transported data stored in the storage means (12) instead of the data itself. The invention also refers to an embedded acquisition device (1) located between the two devices of the communication system, between which the data is to be transmitted. The acquisition device (1) comprises means adapted for performing the method according to the present invention.

No. of Pages : 40 No. of Claims : 13

#### (19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CULTURE MEDIUM FOR HUMAN MESENCHYMAL STEM CELLS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:201231753	1)GRIFOLS, S.A.
(32) Priority Date	:13/11/2012	Address of Applicant : C/JESUS Y MARIA, 6, 08022 -
(33) Name of priority country	:Spain	BARCELONA, SPAIN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIEZ CERVANTES JOSE MARIA
(87) International Publication No	: NA	2)GAJARDO RODRIGUEZ RODRIGO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a new culture medium for human mesenchymal stem cells (hMSC). More particularly, this invention relates to a culture medium in which hMSC lines, including those which do not grow in the culture medium normally used for this type of cells, can grow.

No. of Pages : 13 No. of Claims : 15

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : SWITCH MODE POWER CONVERTERS USING MAGNETICALLY COUPLED GALVANICALLY ISOLATED LEAD FRAME COMMUNICATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:13/677,120	
(32) Priority Date	:14/11/2012	Address of Applicant :5245 HELLYER AVENUE, SAN
(33) Name of priority country	:U.S.A.	JOSE, CA 95138, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALU BALAKRISHNAN
(87) International Publication No	: NA	2)DAVID MICHAEL HUGH MATTHEWS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An integrated circuit package for use in a switch mode power converter comprises an encapsulation and a lead frame. A portion of the lead frame is disposed within the encapsulation. The lead frame includes a first conductor having a first conductive loop disposed substantially within the encapsulation. The lead frame also includes a second conductor galvanically isolated from the first conductor. The second conductor includes a second conductive loop disposed substantially within the encapsulation proximate to and magnetically coupled to the first conductive loop to provide a communication link between the first and second conductors. A first control die including a first control circuit is coupled to the first conductor. One or more control signals are communicated between the first and second control dice through the communication link.

No. of Pages : 68 No. of Claims : 36

#### (19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A VARIABLE SPEED SCROLL COMPRESSOR (51) International classification :H02K (71)Name of Applicant : 1)DANFOSS COMMERCIAL COMPRESSORS (31) Priority Document No :12/60989 (32) Priority Date :19/11/2012 Address of Applicant : ROUTE DEPARTEMENTALE 28 ZI LIEUDIT LES COMMUNAUX REYRIEUX, 01600 TREVOUX (33) Name of priority country :France (86) International Application No FRANCE :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA **1)BONNEFOI, PATRICE** (61) Patent of Addition to Application Number :NA 2)MELDENER, GAEL Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This variable speed scroll compressor (2) comprises a closed casing (3) comprising a low pressure volume and a high pressure volume, and an electric motor arranged in the low pressure volume and comprising a rotor (21) and a stator (22), the rotor (21) including permanent magnets, the stator (22) including a stator core (26) provided with a plurality of radially extending tooth portions (28) and with a plurality of slots formed between the radially extending tooth portions (28), and stator windings (27) each wound on the radially extending tooth portions (28). Each stator winding (27) is wound around a respective tooth portion (28) and includes winding portions extending respectively in the slots formed on each side of said respective tooth portion (28).

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

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR RECOGNISING THE TYPE OF FUEL ACTUALLY USED IN 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>	:Italy :NA :NA	Address of Applicant :CORBETTA VIALE ALDO BORLETTI, 61/63, ITALY (72)Name of Inventor : 1)NICOLA GARAGNANI 2)RICCARDO LANZONI
•		
	5	
		*
Filing Date	:NA	2)RICCARDO LANZONI
(87) International Publication No	: NA	3)MARCO PASTORELLI
(61) Patent of Addition to Application Number	:NA	4)FILIPPO CAVANNA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A method for recognising the type of fuel actually used in an internal combustion engine (1); the recognition method includes the steps of: detecting, by means of at least one sensor, the intensity (S) of the vibrations generated by the internal combustion engine (1) within a measurement time window; determining the value of at least one synthetic index (I) by processing the intensity (S) of the vibrations generated by the internal combustion engine (1) within the measurement time window; comparing the synthetic index (I) with at least one predetermined comparison quantity (TH); and recognising the type of fuel actually used as a function of the comparison of the synthetic index (I) to the comparison quantity (TH); and forcedly altering, when detecting the intensity (S) of the vibrations, the engine control with respect to the normal standard engine control, so as to enhance the behavioural differences of the different types of fuel that can be used by the internal combustion engine (1).

No. of Pages : 24 No. of Claims : 14

# (19) INDIA

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

:G06T	(71)Name of Applicant :
:13/734,707	1)THE BOEING COMPANY
:04/01/2013	Address of Applicant :100 NORTH RIVERSIDE PLAZA,
:U.S.A.	CHICAGO, IL 60606-2016, U.S.A. U.S.A.
:NA	(72)Name of Inventor :
:NA	1)CHARLES A. ERIGNAC
: NA	2)HUI LI
:NA	
:NA	
:NA	
:NA	
	:G06T :13/734,707 :04/01/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA

# (54) Title of the invention : AUGMENTED MOBILE PLATFORM LOCALIZATION

(57) Abstract :

A system includes a transformation module (402), alignment module (406) and aligned localization module (408). The transformation module (402) is configured to receive first and second pose estimates (502, 602) of a mobile platform (102) movable within an environment. The first and second pose estimates (502, 602) are relative to different, respective first and second digital maps (500, 600) of the environment in different, respective first and second coordinate systems. The transformation module (402), then, may be configured to calculate a geometric transform between the first and second digital maps (500, 600) based on the first and second pose estimates (502, 602). The alignment module (406) may be configured to align the first and second digital maps (500, 600) based on the geometric transform, and thereby generate an aligned digital map. And the aligned localization module (408) may be configured to localize the mobile platform (102) relative to the aligned digital map, and thereby calculate an aligned pose estimate of the mobile platform (102).

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

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : A REFRIGERATION COMPRESSOR AND A METHOD FOR ASSEMBLING SUCH A **REFRIGRATION COMPRESSOR**

(51) International classification (31) Priority Document No	:F25B :12/60987	(71)Name of Applicant : 1)DANFOSS COMMERCIAL COMPRESSORS
(32) Priority Date	:19/11/2012	Address of Applicant :ROUTE DEPARTEMENTALE 28 ZI
(33) Name of priority country	:France	LIEUDIT LES COMMUNAUX REYRIEUX, 01600 TREVOUX,
(86) International Application No	:NA	TREVOUX FRANCE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PFISTER, JEAN MICHEL
(61) Patent of Addition to Application Number	:NA	2)XUEYOU, ZHOU
Filing Date	:NA	3)BONNEFOI, PATRICE
(62) Divisional to Application Number	:NA	4)MELDENER, GAEL
Filing Date	:NA	

(57) Abstract :

This refrigeration compressor (2) comprises an electric motor having a stator (23) and a rotor (21) provided with an axial through passage (22), a compression unit (8) adapted for compressing refrigerant, and a drive shaft (24) adapted for driving the compression unit (8), the drive shaft (24) extending into the axial through passage (22) of the rotor. The rotor (21) is slide-fitted on the drive shaft (24).

No. of Pages : 17 No. of Claims : 11

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : GEAR CASING HEA	T EXCHANGE	
(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:13/839,139	1)MODINE MANUFACTURING CAMPANY
(32) Priority Date	:15/03/2012	Address of Applicant :1500 DEKOVEN AVENUE RACINE,
(33) Name of priority country	:U.S.A.	WI 53403-2552 UNITED STATES OF AMERICA U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHRISTOPHER CHUDY
(87) International Publication No	: NA	2)DANIEL RADUENZ
(61) Patent of Addition to Application Number	:NA	3)ASHUTOSH PATIL
Filing Date	:NA	4)FRANCES KIS
(62) Divisional to Application Number	:NA	5)TIMOTHY CARLSON
Filing Date	:NA	6)SIDDHARTH JAIN

(57) Abstract :

A gear casing heat exchanger has a mounting flange separating the heat exchanger into a first side and a second side. A manifold section is on the first side, and includes an inlet manifold and an outlet manifold. A heat exchange section is on the second side, and extends from the mounting flange in a lengthwise direction. A sealing perimeter is on the second side, and the heat exchange section is entirely contained within a projection of the sealing perimeter in the lengthwise direction. The heat exchange section of the heat exchange rcan be inserted through an aperture of a gear casing to provide a cooled gear assembly.

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

(22) Date of filing of Application :18/10/2013

## (54) Title of the invention : POWER CONVERTER UNIT CONTROL APPARATUS, THE SOUNDNESS CHECK METHOD OF CURRENT DETECTION

(51) International classification	:F16H	(71)Name of Applicant :
(31) International classification		
(31) Priority Document No	:2012-	1)HITACHI, LTD.
(31) Thomy Document to	239965	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:31/10/2012	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKAHIROTAMURA
Filing Date	:NA	2)YOSHITOSHI AKITA
(87) International Publication No	: NA	3)HIROSHI NAGATA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

An AC motor Control unit (24) is offered which makes it possible to previously check whether a current detection unit (50) is normally connected with the output terminals of a power converter (20). The AC motor Control unit (24) has: the power converter (20) for converting a supplied electric power into an electric power of variable voltage and variable frequency and driving an AC motor (30) at a variable speed; a PWM control unit (45) for controlling the power converting function of the power converter (20); and a current detection unit abnormality decision device (48). This decision device (48) has command voltage calculating means (47) used for abnormality decision and for outputting a command voltage signal to make a decision as to whether there is any abnormality in the current detection unit (50) operating to detect currents flowing through the AC motor (30) and abnormality decision means (46) for making a decision as to whether there is any abnormality in the current detection unit (50) depending on a pattern of electrical currents obtained from the current detection unit (50) by applying the command voltage signal to the power converter. The PWM control unit (45) supplies a control signal (43S) to the power converter (20), based on an external command signal (45S) and on detection signals (51S, 52S) from the current detection unit. When the decision device (48) determines that there is abnormality in the current detection unit (50) before the AC motor (30) is run, the PWM control unit (45) provides an output for display of abnormality.

No. of Pages : 49 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:102012222199.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:04/12/2012	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LISKOW, UWE
(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 : FLAT TRANSMISSION CONTROL MODULE

(57) Abstract :

The present subject matter relates to transmission control module (10) of a motor vehicle transmission, comprising a primary printed circuit board (12), which is provided with connections (14) for external connection or to make contacts with other components, and a secondary printed circuit board (16), which is equipped with electronic components (20) on a first side (18). The electrical connections (22) are between the primary printed circuit board (12) and the secondary printed circuit board (16). A matrix material (24) is disposed in a region between the electronic components (20). The secondary printed circuit board (16) and the electronic components (20) disposed thereon are sealed with respect to surrounding (26).

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

### (19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : SHIELDED CAVITY BACKED SLOT DECOUPLED RFID TAGS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(22) Drivity Dott</li></ul>	:G06K :13/843,326	
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:15/03/2013 :U.S.A.	Address of Applicant :75 FORT STREET, P.O. BOX 1350, GRAND CAYMAN KY-1108, CAYMAN ISLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)BHARAK MOHAJER-IRAVANI 2)CHARLES VILNER
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

A shielded decoupled RFID tag having a three dimensional cavity formed by conductive material walls and at least one slot in a conductive material wall that 5 creates a main passage for RF communication signals at the operating fref LiSftQY 9(12 the RFID tag to pass into and/or out of the three dimensional cavity.

No. of Pages : 22 No. of Claims : 24

(54) Title of the invention · FUEL FEEDING DEVICE FOR VEHICLE

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 27/02/2015

(34) The of the invention : I OLE I LEDING DEV	ICE FOR VEIN	CEL
(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(51) Flority Document No	012298	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,,
(32) Priority Date	:25/01/2013	MINATO-KU, TOKYO 107-8556, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKESHI OHARA
Filing Date	:NA	2)SHOSUKE SUZUKI
(87) International Publication No	: NA	3)ATSUSHI ITO
(61) Patent of Addition to Application Number	:NA	4)HISAYOSHI OGURA
Filing Date	:NA	5)HIDEAKI KATO
(62) Divisional to Application Number	:NA	6)KOTA NAKAUCHI
Filing Date	:NA	

### (57) Abstract :

In a fuel feeding device for a vehicle in which a resin hose formed of a resin laminated hose obtained by laminating a fuel barrier layer on the inner side and a thermoplastic resin layer : on the outer side and a protection layer that covers the outer periphery of the thermoplastic resin layer is routed between a fuel injection valve and a fuel pump of an engine, the resin hose is to bz made capable of coping with the pulsation phenomenon, and versatility is to be enhanced. [Constitution] Disposal of a structure other than a resin laminated hose 58 for absorbing pulsation of fuel on the downstream side of an exhaust pipe section of a fuel pump in a fuel flow system from the fuel pump to a fuel injection valve is avoided, and the inside diameter Di and the thickness t of the resin laminated hose 58 included in at least a part of a resin hose 50A out of the resin hose 50A that connects the fuel pump: and the fuel injection valve to each other are set so as to satisfy both of the relation of {Di21.6t+1.9} expressing pulsation resistance and the relation of {Di24.6t+3.4} expressing tube internal pressure resistance.

No. of Pages : 39 No. of Claims : 8

# (19) INDIA

(22) Date of filing of Application :29/10/2013

(54)	Title (	of the	invention		SPRAY GUN	
(J+)	The c	л ше	mvention	٠	SINAI OUN	

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:JP2012- 240117	1)ANEST IWATA CORPORATION Address of Applicant :3176, SHINYOSHIDA-CHO,
(32) Priority Date	:31/10/2012	KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA 223-8501,
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NOBUYOSHI MORITA
(87) International Publication No	: NA	2)ATUSHI MOROHOSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

To provide a spray gun such that a gun main body is easily detached from a manifold without stopping a pump or the like in a state in which coating material is circulating in the manifold. There is provided a spray gun 10 including a manifold 20 and a gun main body 40 that is detachably attached to the manifold 20, wherein the manifold 20 is provided with a coating material inlet 21 and a coating material outlet 22 . The spray gun 10 further includes a coating material flow passage 29 including a first flow passage 29A for circulating coating material in the spray gun 10 through the coating material inlet 21 and the coating material outlet 22 and a second flow passage 29B, which is branched from the first flow passage 29A, for ejecting a coating material flow from the gun main body 40, and a blocking mechanism 50 for blocking transmission of the coating material between the coating material flow passage 29 formed on a side of the manifold 20 and the coating material flow passage 29 formed on a side of the gun main body 40.

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

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : CENTER PILLAR LOWER BODY STRUCTURE OF VEHICLE

(51) International classification	:B60R :2012-	(71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	276805	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:19/12/2012	Hamamatsu-shi, Shizuoka-ken, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIRATA, Takuya
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 :

To provide a center pillar lower body structure of a vehicle that provides a fragile portion at a lower portion of a center pillar to induce folding in the event of a side collision so as to prevent folding of a belt line portion of the center pillar. A structure in which a center pillar inner panel 7 is configured divided into two portions: an upper side center pillar inner panel 71 and a lower side center pillar inner panel 72, the lower side center pillar inner panel 72 is joined to a side sill portion 3, and a setup location of a seat belt retractor 8 is provided between the lower side center pillar inner panel 72 and a center pillar portion 51 of a side body outer panel 5.

No. of Pages : 19 No. of Claims : 5

# (19) INDIA

(22) Date of filing of Application :20/11/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : REGISTRATION DEVICE				
(51) International classification	:G06F	(71)Name of Applicant :		
(31) Priority Document No	:2012- 261055	1)KABUSHIKI KAISHA TOKAI RIKA DENKI SEISAKUSHO		
(32) Priority Date	:29/11/2012	Address of Applicant :260, TOYOTA 3-CHOME,		
(33) Name of priority country	:Japan	OHGUCHI-CHO, NIWA-GUN, AICHI 480-0195, JAPAN,		
(86) International Application No	:NA	(72)Name of Inventor :		
Filing Date	:NA	1)MATSUSHITA, MASAHIRO		
(87) International Publication No	: NA	2)KOGA, SHINICHI		
(61) Patent of Addition to Application Number	:NA	3)ITO, TOMOHIRO		
Filing Date	:NA			
(62) Divisional to Application Number	:NA			
Filing Date	:NA			

(57) Abstract :

A registration device includes a processor that writes an ID code to an invalid ID code storage region in 5 accordance with management data, updates the management data after the ID code is safely written, and validates the invalid ID code storage region storing the ID code. After the ID code is written, when an ID code is stored in every one of the ID code storage regions, the processor updates 10 the management data to invalidate the ID code storage region excluding the invalid ID code storage region storing the ID code.

No. of Pages : 35 No. of Claims : 9

# (19) INDIA

(22) Date of filing of Application :20/11/2013

(54) Title of the invention : YARN TAKE-UP APP	PARATUS	
(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:2012- 256282	1) <b>TMT MACHINERY, INC.</b> Address of Applicant :6TH FI., OSAKA GREEN BLDG., 2-6-
(32) Priority Date		26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KINZO HASHIMOTO
(87) International Publication No	: NA	2)KENJI SUGIYAMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to provide a yarn take-up apparatus which guides air with high temperature in a heat insulating box to a low temperature air area so as to suppress a power consumption of rollers arranged in the low temperature air area, whereby running cost is reduced. A yarn take-up apparatus 100 having a plurality of rollers 21 and 22 which are rotated so as to send a yarn Y, includes a heat insulating box 23 in which the rollers 21 and 22 are housed, and an air duct 24 attached to the heat insulating box 23, wherein the air duct 24 guides air with high temperature in the heat insulating box 23 to a low temperature air area in the heat insulating box 23.

No. of Pages : 27 No. of Claims : 7

# (19) INDIA

(22) Date of filing of Application :04/11/2013

(54) Title of the invention : YARN WINDING MACHINE		
<ul> <li>(54) Title of the invention : YARN WINDING MA</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</li> </ul>	:B65H :2012- 262800	(71)Name of Applicant : 1)MURATA MACHINERY, LTD. Address of Applicant :3, MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN (72)Name of Inventor : 1)TETSUYA NAMIKAWA 2)ATSUSHI YAMAMOTO
Filing Date	:NA	

#### (57) Abstract :

A winder unit 10 includes a winding unit main body 16 adapted to form a package 30 by winding a yarn 20, an upper-yarn catching member 26 adapted to suck and catch the yarn 20 from the package 30 and to guide the yarn 20, and a unit control section 50 adapted to control the upper-yarn 10 catching member 26 to perform a catching operation at a catching region Rl to suck and catch the yarn 20 from the package 30, a standby operation to be under standby at a standby region R2 that is further away from the package 30 than the catching region Rl, and a guiding operation to 15 guide the yarn 20 to a yarn joining region R3, and adapted to adjust the standby operation according to a diameter of the package 30 and/or a length of a defect included in the yarn 20.

No. of Pages : 45 No. of Claims : 11

(19) INDIA

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

# (54) Title of the invention : METHOD FOR PRODUCING PURIFIED LOW-SUBSTITUTED HYDROXYPROPYL CELLULOSE

<ul> <li>(51) International classification</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>	:C08b :2012- 252191 :16/11/2012 :Japan :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHIN-ETSU CHEMICAL CO., LTD. Address of Applicant :6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)KITAMURA, Akira</li> <li>2)NARITA, Mitsuo</li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	3)YONEMOCHI, Atsuhiko
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

Provided is a method for producing low-substituted hydroxypropyl cellulose with less yellowing. [SOLUTION] The method for producing purified low-substituted hydroxypropyl cellulose comprises the steps of: reacting alkali cellulose and an etherifying agent to obtain a reaction mixture; dispersing the reaction mixture in water containing a portion of acetic acid necessary for neutralizing the total amount of the reaction mixture to neutralize a portion of the reaction mixture, and then completely neutralizing with the remaining acetic acid to cause precipitation, to obtain a slurry containing crude low-substituted hydroxypropyl cellulose; disintegrating a solid component in the slurry through a cutter pump, the solid component containing the crude low-substituted hydroxypropyl cellulose, and discharging the slurry containing the disintegrated solid component; washing the discharged slurry with water to obtain a cake of purified low-substituted hydroxypropyl cellulose; and drying the cake.

No. of Pages : 44 No. of Claims : 7

# (19) INDIA

(22) Date of filing of Application :19/11/2013

# (54) Title of the invention : AIR CLEANER OF INTRNAL COMBUSTION ENGINE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification:G02F(31) Priority Document No:2013-(32) Priority Date:29/01/20(33) Name of priority country:Japan(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(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)HONDA MOTOR CO., LTD.</li> <li>Address of Applicant :1-1, MINAMI AOYAMA 2-CHOME,</li> <li>3 MINATO-KU, TOKYO 107-8556, JAPAN</li> <li>(72)Name of Inventor :</li> <li>1)KOTA NAKAUCHI</li> </ul>
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# (57) Abstract :

To prevent an element support plate from dropping off during maintenance while enabling to prevent an influence on appearance of a vehicle, reduce the number of components and simplify a structure, in an a i r cleaner of an internal combustion engine for the vehicle where a case body and a case cover are coupled with each other on a coupling face extending in an upward-downward direction and a cleaner element is provided a t the element support plate sandwiched between the case body and - the case cover. [Solution] A first protruding w a 11 61 protruding toward a side of a element support plate 46 is protrudingly provided on an inner wall of a case body 42, with a t i p end portion 61a of the f i r s t protruding wall 61 abutting on or arra-nged adjacent to the element support plate 46, and a second protruding wall 62 is protrudingly provided at the element support place 46 in such a manner as to abut on or to be arranged adjacent t o the f i r s t protruding wall 61 a t least from an upward position and a downward position to thereby overlap with the f i r s t protruding wall 61.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

# (22) Date of filing of Application :21/11/2013

### (43) Publication Date : 27/02/2015

# (54) Title of the invention : A FEMALE QUICK-CONNECT COUPLING ELEMENT, AND A QUICK-CONNECT COUPLING INCORPORATING SUCH AN 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 Amplication No.</li> </ul>	:F16L :1261180 :23/11/2012 :France	FAVERGES, FRANCE
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)ALAIN-CHRISTOPHE TIBERGHIEN
(87) International Publication No	: NA	2)CHRISTOHE DURIEUX
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

This female quick-connect coupling (R) element (A) for the detachable connection of two pressurised fluid pipes is able to receive by fitting, according to a longitudinal axis (X-X) of this female element (A) and in an insertion channel (42) located on a front side of the female element (A), a male coupling element (B), and comprises a body (40) through which passes a conduit for the circulation of fluid (400), balls (74) for locking the male element (B) in a coupled configuration, positioned in radial housings (72) of the body (40) and able to protrude radially in the insertion channel (42), and an actuating member (90) mobile in translation according to a longitudinal axis (X-X) between a first position, in which the male element (B) is locked in the female element (A) in coupled configuration, and a second position, in which the male (B) and female (A) elements are in uncoupled configuration, during a disconnection manoeuvre of the male element (B) and of the female element (A). The female quick-connect coupling (R) element (A) comprises an intermediate locking ring (70), mobile in axial translation between a rear position, in which an internal wall (702a) of the intermediate ring (70) maintains the locking balls (74) protruding in the insertion channel (42) in the coupled configuration of the coupling (R), and a front position of the front side of the female element (A), in which the locking balls (74) are free to be pushed back opposite the longitudinal axis (X-X) of the female element (A) in order to no longer protrude in the insertion channel (42), under the action of the actuating member (90) during the disconnection manoeuvre.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :25/10/2013

### (54) Title of the invention : METHOD FOR PREPARATION OF PROPYLENE 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 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>	:c08L :201210425055.8 :30/10/2012 :China :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CHINA PETROLEUM &amp; CHEMICAL CORPORATION Address of Applicant :22A Chaoyangmenbei Street, Chaoyang District, Beijing 100728, China China</li> <li>2)BEIJING RESEARCH INSTITUTE OF CHEMICAL</li> <li>INDUSTRY, CHINA PETROLEUM &amp; CHEMICAL</li> <li>CORPORATION</li> <li>(72)Name of Inventor :</li> <li>1)YU, Luqiang</li> <li>2)YANG, Zhichao</li> <li>3)CHEN, Jiangbo</li> <li>4)ZHANG, Jianxin</li> <li>5)DU, Yafeng</li> <li>6)TONG, Qinyu</li> <li>7)SUN, Kang</li> <li>8)LIU, Yang</li> <li>9)ZOU, Jie</li> <li>10)WANG, Lusheng</li> <li>11)DAI, Zengyue</li> <li>12)TAN, Zhong</li> </ul>
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(57) Abstract :

The present invention provides a polymerization method of propylene, which can prepare a propylene homopolymer with both high fluidity and high rigidity as well as a propylenela-olefine copolymer having both high fluidity and a good rigidity-toug h ness balance by control of polymerization steps and elevation of polymerization temperature, while the catalyst still maintains a relatively high polymerization activity.

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

# (19) INDIA

(22) Date of filing of Application :20/11/2013

(54) Title of the invention : YARN TAKE-UP APPARATUS		
<ul> <li>(54) Title of the invention : YARN TAKE-UP API</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</li> </ul>	:D02J :2012- 256281	(71)Name of Applicant : 1)TMT MACHINERY, INC. Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2- 6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 JAPAN (72)Name of Inventor : 1)KINZO HASHIMOTO 2)KENJI SUGIYAMA

#### (57) Abstract :

The purpose of the present invention is to provide a yarn take-up apparatus which controls temperature of a yarn in a drawing section accurately so as to produce the yam with high quality. A yarn take-up apparatus 100 includes one or more pre-heating rollers 21 a, 21 b and 21 c which heats a yarn Y to drawing temperature Th and one or more heat set rollers 22a and 22b which heats the yarn to heat setting temperature Tt. The yam Y 10 is drawn between the pre-heating roller 21c arranged at the most downstream side in sending directions of the yarn Y and the heat set roller 22a arranged at the most upstream side. A heat insulating box 23 is provided in which all the pre-heating rollers 21a, 21b and 21c and the heat set rollers 22a and 22b are housed, and the pre-heating roller 21c arranged at the most downstream side is further covered by a shield cover 24.

No. of Pages : 25 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A METHOD OF CONTROLLING STOP-START OPERATION OF AN ENGINE OF A MOTOR VEHICLE

<ul> <li>(51) International classification</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>	:B60W :1222301.2 :12/12/2012 :U.K. :NA :NA :NA :NA :NA	,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A method for controlling the stop-start operation of an engine 10 of a motor vehicle 5 is disclosed in which a lower limit L1 is changed between an upper value LIR to a lower value Lls when the operating state of the engine 10 changes 10 from running to stopped. The lower limit L1 defines in combination with an upper limit Lu an operating range for a moveable clutch pedal position threshold Thl. Traversing of the moveable threshold Thl by movement by a driver of the motor vehicle 5 of a clutch pedal 25 will cause a change in 15 operating state of the engine 10 depending upon the direction of motion of the clutch pedal 25.

No. of Pages : 34 No. of Claims : 16

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

(54) Title of the invention : MEDIAL SURFACE GENERATION		
<ul> <li>(54) The of the invention : MEDIAL SURFACE C</li> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	:G06T :1300259.7 :08/01/2013 :U.K.	(71) <b>Name of Applicant :</b> <b>1)ROLLS-ROYCE PLC</b> Address of Applicant :65 BUCKINGHAM GATE, LONDON SW1E 6AT, UNITED KINGDOM 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> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA : NA :NA :NA :NA	<ul> <li>(72)Name of Inventor :</li> <li>1)FELIX STANLEY</li> <li>2)SURYA MOHAN PRERAPA</li> </ul>
Filing Date	:NA	

(57) Abstract :

A method of generating a medial mesh (70) of an object (42). The method first comprises obtaining a surface mesh (34) of the object (42). Define a set of node normal vectors @,), each having its origin at a node (46) and being directed 5 towards the interior of the object (42). For each node (46): select a node normal &I,,) from the set having their origins at that node (46); define a sphere (60) wherein a surface (62) of the sphere (60) includes the node (46) and the centre point (64) is positioned at a scalar multiple (58) of the node normal (n-n); increment the centre point (64) along the scalar multiple (58); iterate until the 10 surface (62) of the sphere (60) includes another node (46) or element (48). The centre point (64) is recorded as a medial point (66) and the diameter as a thickness (68). The medial mesh (70) is generated from the set of medial points (66) and object thicknesses.

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

# (19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : BRAKE PAD ASSEMBLY HAVING A FLANGE

<ul> <li>(51) International classification</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>	:13/783461 :04/03/2013 :U.S.A. :NA	MICHIGAN 48084, UNITED STATES OF AMERICA U.S.A. (72) <b>Name of Inventor :</b>
Filing Date (87) International Publication No	:NA : NA	1)PETER MOSS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A brake pad assembly having a table and a web. The web may extend from the table and include a flange that may be disposed opposite the table.

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

# (19) INDIA

(22) Date of filing of Application :12/11/2013

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	:13/675,153	
(32) Priority Date	:13/11/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:U.S.A.	BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAYNE, RONALD G.
(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 : SOLAR RECEIVER PANEL AND SUPPORT STRUCTURE.

(57) Abstract :

In a solar receiver arrangement 300 with a support structure 600, the support structure 600 includes a plurality of tie members 700 for tangentially coupling a plurality of tubes 510, for forming at least one receiver panel 500, in such a manner that the at least one tie member 700 is coupled in at least one crotch portion 520 between a pair of tubes 510. The support structure 600 firther includes a plurality of panel support members 800 coupled to the receiver panel 500 selectively in at least one crotch portion 520 between a pair of tubes 510. Furthermore, at least one latching member 900 is configured to detachably attach the plurality of panel support members 800 for engaging the plurality of receiver panels 500.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF 3-(2-BROMO-4, 5-DIMETHOXYPHENYL)PROPANENITRILE, AND APPLICATION IN THE SYNTHESIS OF IV ABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID

(57) Abstract :

Process for the synthesis of the compound of formula Application in the synthesis of ivabradine, addition salts thereof with a pharmaceutically acceptable acid and hydrates thereof.

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

(19) INDIA(22) Date of filing of Application :22/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : BOILER HAVING A FLUIDIZED BED HEAT EXCHANGER

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:12194042.3	1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date	:23/11/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(22) Nome of anienity country	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)CARUZZI, FLORENT
Filing Date	:NA	2)ENAULT, CHRISTIAN
(87) International Publication No	: NA	3)QUARANTA, ALAIN
(61) Patent of Addition to Application Number	:NA	4)GURIEC, THIERRY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The invention relates to a fluidized bed heat exchanger (3A), the heat exchanger (3A) including a plurality of tubes (7) forming a tube bundle, each tube (7) following a vertical boustrophedon path, the tubes (7) being supported by at least two vertical supporting devices (41,42) placed on both sides of the tube bundle, characterized in that every vertical supporting device (41,42) comprises at least two vertical supports (411,412;421,422) for fixing the tubes (7).

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

(54) Title of the invention : METHOD OF PREPARING A LUBRICANT COMPOSITION

(19) INDIA

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

· · ·		
(51) International classification	:B01F	(71)Name of Applicant :
(31) Priority Document No	:12193926.8	1)CASTROL LIMITED
(32) Priority Date	:22/11/2012	Address of Applicant :WAKEFIELD HOUSE, PIPERS WAY,
(22) Name of priority country	:EUROPEAN	SWINDON, WILTSHIRE, SN3 1RE, UNITED KINGDOM U.K.
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)GORDON DAVID LAMB
Filing Date	:NA	2)KALPENDRA BABURAO RAJURKAR
(87) International Publication No	: NA	3)MILIND SATISH VAIDYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of preparing a lubricant composition comprising at least one base oil component, at least one first additive component and at least one second additive component which method comprises: introducing into an elongate mixing vessel comprising at least one static mixer, at least one base oil component, at least one first additive component and at least one second additive component; the at least one first additive component being introduced into the mixing vessel separately from the at least one second additive component; and mixing the at least one second additive component with a mixture of the at least one first additive component and the at least one base oil component in the elongate mixing vessel using the at least one static mixer.

No. of Pages : 53 No. of Claims : 21

(22) Date of filing of Application :25/11/2013

# (54) Title of the invention : AID GRABBING TOOL WITH HAND OPERATED GRIPPER THAT CAN BE PUSHED ASIDE

(51) International classification	:B23Q :PA	(71)Name of Applicant : 1)INVENCON APS
(31) Priority Document No	201200755	Address of Applicant :NORDBORGVEJ 81, DK-6430
(32) Priority Date	:29/11/2012	NORDBORG, DENMARK
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:NA	1)PEDERSEN, HANS JOERGEN
Filing Date	:NA	2)HANSEN, JESPER ALLAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

This invention relates to aid devices for assisting people inhibited in their movement of especially the hands and / or wrists, such as people who are physically impaired due to arthritis, injury, or other physiological problems giving reduced strength. This is solved by introducing an aid tool comprising at least 10 two grippers and means to attach each gripper to a finger of a person, where the grippers are adapted to follow the individual finger in a movement in the direction of closing and loosen of a grip, and where an activation of the aid tool includes locking the grippers unidirectionally in the present position. The invention further introduces mounting means for attaching the aid tool to a body 15 part, and where the mounting means comprises coupling means for detaching and attaching this and other tools according to the need.

No. of Pages : 24 No. of Claims : 15

# (19) INDIA

(22) Date of filing of Application :31/10/2013

(54) Title of the invention : TRAVERSING ARTII	LLERY	
(51) International classification	:F41A	(71)Name of Applicant :
(31) Priority Document No	:FR1202950	1)NEXTER SYSTEMS
(32) Priority Date	:31/10/2012	Address of Applicant :34 BOULEVARD DE VALMY 42328
(33) Name of priority country	:France	ROANNE CEDEX, FRANCE,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PHILIPPE, GRELAT
(87) International Publication No	: NA	2)BERTRAND, REMANGEON
(61) Patent of Addition to Application Number	:NA	3)JEREMY, DE SOUZA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a movable artillery gun (1) characterized in that it comprises: a frame (4) supporting a turning plate (10), turning plate (10) comprising a first pivot link (13) of a vertical axis (9), turning plate (10) comprising at least one turning motor means (11) for rotating a turning interface (12) around the first pivot link (13), the turning interface (12) supporting a firing carriage (18) and comprising a fine traverse laying means (15) allowing the carriage (18) to rotate with respect to the turning interface (12) around a second pivot link (40) of a vertical axis (9).

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

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:A45C	(71)Name of Applicant :
(31) Priority Document No	:61/724,660	1)SAMSONITE IP HOLDINGS S. R.L.
(32) Priority Date	:09/11/2012	Address of Applicant :13-15 AVENUE DE LA LIBERTE, L-
(33) Name of priority country	:U.S.A.	1931 LUXEMBOURG, LUXEMBOURG
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SEAN B. FARRELLY
(87) International Publication No	: NA	2)RIK HILLAERT
(61) Patent of Addition to Application Number	:NA	3)VIVIEN CHENG
Filing Date	:NA	4)JEAN-CLAUDE VAN DE WALLE
(62) Divisional to Application Number	:NA	5)WIM DE VOS
Filing Date	:NA	6)RICHARD MILES

# (54) Title of the invention : LUGGAGE WITH SHELLS HAVING VARIED DEPTHS

(57) Abstract :

A luggage case (100, 600, 700, 800, 900) may include opposing sidewalls forming minor faces (105, 106), opposing sidewalls forming major faces (101, 102), and opposing end walls (103,104) together forming an article defining an enclosed space (109). A line of separation (150) may be formed in said minor faces (105, 160) and end walls (103,104). A first portion of the line of separation (150) may extend along a first portion of opposing minor faces (105, 106) at a location proximate one of said opposing major faces (101, 102) and corresponding one of said opposing end walls (103, 104) positioned therebetween. A second portion of the line of separation (150) may extend along a second portion of said opposing minor faces (105, 106) in a direction away from said one of said opposing major faces (101, 102) and towards other of said opposing major faces (101, 102).

No. of Pages : 41 No. of Claims : 31

(22) Date of filing of Application :18/11/2013

# (43) Publication Date : 27/02/2015

(54) Title of the invention : PRINTED CIRCUIT BOARD STACK		
(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)SUMITOMO WIRING SYSTEMS, LTD.
(51) Thomy Document No	006760	Address of Applicant :1-14 NISHISUEHIRO-CHO,
(32) Priority Date	:17/01/2013	YOKKAICHI, MIE 510-8503, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)WENJIE SHI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

Abstract: Provided is a printed circuit boxd stack having a new structure that can connect between printed wirings of printed circuit boards that are arranged so as to face each other across a gap, with an improved operability and connection 5 stability. With respect to a first printed circuit board and a second printed circuit board that are arranged so as to face each other across a gap, a first fork terminal that is soldered to a printed wiring is vertically provided on the first printed circuit board, whereas a second fork terminal that is soldered to a printed wiring of the second printed circuit board are electrically connected to each other via a conductive member that is provided with a pair of connection portions that each are pressure-contacted between pressure contact blades of a respective one of the first fork terminal and the second fork terminal.

No. of Pages : 25 No. of Claims : 3

## (19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : AUTOMATICALLY SPEED ADJUSTING RATCHET WRENCH (51) International classification :F01C (71)Name of Applicant : 1)STANLEY BLACK & DECKER, INC. (31) Priority Document No :13/692,580 Address of Applicant :1000 STANLEY DRIVCE, NEW (32) Priority Date :03/12/2012 (33) Name of priority country BRITAIN, CT 06053, UNITED STATES OF AMERICA U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)MARK MCMENEMY** (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 two-piece planet carrier for use In a power hand tool, the carrier comprising a drive portion mountable to a rotor of the tool and a pinned portion having a crank pin. The crank pin operatively connectable to a drive shaft of the tool to provide rotation and torque to the drive shaft. The pinned portion rotatably engaged with the drive portion such that rotation of the rotor will cause the drive portion and the pinned portion to rotate relative to each other as a function of a load applied to the drive shaft such that an offset between a crank pin center axis and a drive portion axis of rotation is variable as a function of the load, wherein the variance of the offset will vary a rotational speed and an amount of torque delivered to the drive shaft as a function of the load.

No. of Pages : 49 No. of Claims : 20

# (19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SHIFT DEVICE WITH SYNCHRONIZER		
(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:2012- 235111	1)KYOWA METAL WORKS CO., LTD. Address of Applicant :17-4 TORIHAMA-CHO,
(32) Priority Date		KANAZAWA-KU, YOKOHAMA-SHI 2360004, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)HIRAIWA, KAZUYOSHI
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 shift device has lever members arranged between a sleeve, a hub, and synchronizer rings to amplify and transmit pressing force of the sleeve to one of the synchronizer ring. The lever members include first lever members for one of the synchronizer rings, and second lever members for the other of the synchronizers. The first lever members and the second lever members are alternately arranged at the both sides of the hub with a phase shift in a rotational direction.

No. of Pages : 39 No. of Claims : 9

# (19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SHIFT DEVICE WITH SYNCHRONIZER		
(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:2012- 235112	1)KYOWA METAL WORKS CO., LTD. Address of Applicant :17-4 TORIHAMA-CHO,
(32) Priority Date	:24/10/2012	KANAZAWA-KU, YOKOHAMA-SHI 2360004, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIRAIWA, KAZUYOSHI
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 shift device has lever members arranged between a sleeve, a hub, and synchronizer rings to amplify and transmit pressing force of the sleeve to one of the synchronizer ring. The lever members include a top portion and arm portions at the both sides of the top portion. The lever members are provided with a torque receiving surface capable of receiving friction torque from projections of the synchronizer rings on an intermediate portion of each arm portion between the top portion and a second slide surface provided on each end of the arm portions.

No. of Pages : 39 No. of Claims : 8

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : TIME-SERIES DATABASE CONFIGURATION AUTOMATIC GENERATION METHOD, CONFIGURATION AUTOMATIC GENERATION SYSTEM AND MONITORING SERVER

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2012- 258119	1)HITACHI LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:27/11/2012	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SATO TATSUYA
Filing Date	:NA	2)YOSHIZAWA MASAHIRO
(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 :

If the operations manager makes configuration changes of the log database through configuration management interface, the configuration management 2950 interface records configuration information thereof on an management database. Furthermore, when log data of a monitoring target device are collected in a log collection unit through the log database, a log data volume analysis unit reads utilization information of 2955 data volume-of the log database, and records the reading on a management database. A configuration changes proposal generating unit automatically generates configuration changes proposal of the log database based on the information recorded on the 2960 management database. Moreover, a metrics value for evaluating time required for configuration changes, a metrics value for evaluating performance in connection with the configuration changes, and a metrics value for evaluating the data volume in connection with the 2965 configuration changes are calculated, and an effect and an influence of changes proposal are presented to the operations manager.

No. of Pages : 146 No. of Claims : 18

# (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : TILT DETECTION DEVICE FOR VEHICLE		
(51) International classification	:G01F	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(32) Priority Date	016119 ·30/01/2013	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556 JAPAN
(32) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIROYUKI MORITA
Filing Date	:NA	2)TOKUJIRO KIZAKI
(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 Ajective is to enable detection of a large tilt of a vehicle body by modifying .an existing function of 5 a vehicle without requiring a special component such as a tilt sensor, the vehicle having a signal processing device configured to calculate a remaining fuel level in a fuel tank based on a detection value of float position detection means configured to detect the position of a float which is 10 springbiased toward a bottom wall of the fuel tank. [Solving Means] A fuel tank 18 defines therein a first area A1 being a fuel usable area and a second area A2 located between the ,first area Aland a bottom wall 18b of the fuel tank 18. A signal processing device calculates 15 the remaining fuel level according a position of a float 31. while float position detection means detects that at least part of the float 31 is in the first area Al, and determines that a vehicle body is in a tilted state when the float position detection means 33 detects that the 20 entire float 31 is in the second area A2.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PHARMACEUTICAL FORMULATIONS (51) International classification :A61K9/14,A61K9/20,A61K9/48 (71)Name of Applicant : (31) Priority Document No **1)NOVARTIS AG** :61/563229 (32) Priority Date :23/11/2011 Address of Applicant :Lichtstrasse 35 CH 4056 Basel (33) Name of priority country :U.S.A. Switzerland (86) International Application (72)Name of Inventor: :PCT/US2012/066185 No 1)VERMA Daya :21/11/2012 Filing Date 2)KRISHNAMACHARI Yogita (87) International Publication No:WO 2013/078264 **3)SHEN Xiaohong** (61) Patent of Addition to **4)LEE Hanchen** :NA Application Number 5)LI Ping :NA 6)SINGH Rajinder Filing Date (62) Divisional to Application 7) TAN LayChoo :NA Number :NA Filing Date

(57) Abstract :

This invention relates to solid oral pharmaceutical formulations of (S) methyl (1 ((4 (3 (5 chloro 2 fluoro 3

(methylsulfonamido)phenyl) 1 isopropyl 1H pyrazol 4 yl)pyrimidin 2 yl)amino)propan 2 yl)carbamate (COMPOUND A) and the use of these formulations for treating proliferative diseases such as solid tumor diseases.

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

(19) INDIA

(22) Date of filing of Application :09/10/2013

# (54) Title of the invention : TABLE COUPLING SYSTEM WITH POWER AND DATA.

		(71)Name of Applicant :
(51) International classification	:A47B	1)NORMAN R. BYRNE
(31) Priority Document No	:61/713,481	Address of Applicant :2736 HONEY CREEK AVE. NE ADA,
(32) Priority Date	:12/10/2012	MICHIGAN 49301, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)NORMAN R. BYRNE
Filing Date	:NA	2)DANIEL P. BYRNE
(87) International Publication No	: NA	3)TIMOTHY J. WARWICK
(61) Patent of Addition to Application Number	:NA	4)BRENT A. REAME
Filing Date	:NA	5)CHAD ZIMMERMAN
(62) Divisional to Application Number	:NA	6)WILLIAM F. SCHACHT
Filing Date	:NA	7)RANDELL E. PATE
-		8)ROBERT L. KNAPP

(57) Abstract :

A work surface coupling system has power and data capability with an elongate housing defining an internal passageway and having first and second coupling regions for coupling to one or more work surface. The housing may be a one-piece unit or multipiece assembly, and can support at least one power or data outlet positioned therealong. The internal passageway unobtrusively supports a plurality of electrical conductors associated with power or data outlets. Optional features include one or more removable side panels, laterally-extending support pads, an accessory mounting surface, and various work surface accessories such as shelving, privacy panels, and lighting.

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

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : ORNAMENT SETTING FOR DETACHABLE ORNAMENT AND JEWELRY COMPRISING SUCH A SETTING 

(51) International classification	:A44C	(71)Name of Applicant :
(31) Priority Document No	:61/839,380	1)MARIE-ANN WACHTMEISTER
(32) Priority Date	:26/06/2013	Address of Applicant :TROLLEBERGS GARD 245 61
(33) Name of priority country	:U.S.A.	STAFFANSTORP, SWEDEN;
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WACHTMEISTER, MARIE-ANN
(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 :

Gem stones are interchangeable with a user-releasable stone setting wherein the stone is held between two jaws over which a clamp ring is slipped. The clamp ring is twisted 90 degrees forcing two spring metal arcs sandwiched in the clamp ring to flex outwardly and finally snap with protuberances into dimple indentations in the outer surfaces of the two jaws, thereby locking the jaws under pressure securely holding the stone in the setting. In one embodiment the two spring metal arcs are integral with each other via an intermediate fixation plate forming a symmetrical horseshoe shaped spring plate.

No. of Pages : 24 No. of Claims : 11

(22) Date of filing of Application :27/11/2013

# (54) Title of the invention : AID GRABBING TOOL WITH FORCE ACTIVATED GRIPPING FUNCTION

(51) International classification	:B25F	(71)Name of Applicant :
(31) Priority Document No	:PA 2012	1)INVENCON APS
(51) Thomy Document No	00756	Address of Applicant :NORDBORGVEJ 81, DK-6430
(32) Priority Date	:29/11/2012	NORDBORG, DENMARK;
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:NA	1)PEDERSEN, HANS JOERGEN
Filing Date	:NA	2)HANSEN, JESPER ALLAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

This invention relates to aid devices for assisting people inhibited in their movement of especially the hands and / or wrists, such as people who are physically impaired due to arthritis, injury, or other physiological problems giving reduced strength. This is solved by introducing an aid tool comprising at least two grippers and means to attach each gripper to a finger of a person, where 10 the grippers are adapted to follow the individual finger in a movement in the I direction of closing and loosen of a grip, and where an activation of the aid tool includes locking the grippers unidirectionaily In the present position. The invention further introduces mounting means for attaching the aid tool to a body part, and where the mounting means comprises coupling means for detaching 15 and attaching this and other tools according to the need.

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

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : MOTOR SPACER, MOTOR SPACER APPLIED TO VARIABLE-SPEED COMPRESSOR AND COMPRESSOR

<ul> <li>(51) International classification</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>	:H02K :CN201220655138.1 :03/12/2012 :China :NA :NA : NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DANFOSS (TIANJIN) LTD Address of Applicant :NO. 5 FUYUAN ROAD, WUQING DEVELOPMENT AREA, TIANJIN, 301700, P.R.CHINA;</li> <li>(72)Name of Inventor :</li> <li>1)ZHOU, XUEYOU</li> </ul>
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(57) Abstract :

A motor spacer for a variable-speed compressor positions and supports a stator of a motor in a cylindrical section of a compressor shell. The spacer includes a ring member and a plurality of support blocks. The ring member is coaxially mounted around the stator by a clamping force. Each support block protrudes radially and outwardly fkom the ring member and has a hollow frame structure with a closed enclosure. Each support block has a support surface in contact with the shell. Each support surface is located on a side of an imaginary ring cylinder having a common axis with the ring member. The plurality of the support blocks are adapted to mount the motor spacer onto an inner side of the shell by a clamping force.

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

# (19) INDIA

(22) Date of filing of Application :31/10/2013

# (43) Publication Date : 27/02/2015

(54) Title of the invention : MAGNETICALLY COUPLED GALVANICALLY ISOLATED COMMUNICATION USING LEAD 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> </ul>	:H01L :13/677,088 :14/11/2012 :U.S.A. :NA :NA :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract :

An integrated circuit package includes an encapsulation and a lead frame. A portion of the lead frame is disposed within encapsulation. The lead frame includes a first conductor having a first conductive loop disposed substantially within the encapsulation. The lead frame also includes a second conductor that is galvanically isolated from the first conductor. The second conductor includes a second conductive loop that is substantially disposed within the encapsulation proximate to and magnetically coupled to the first conductive loop to provide a communication link between the first and second conductors.

No. of Pages : 45 No. of Claims : 29

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : NOISE CANCELLATION FOR A MAGNETICALLY COUPLED COMMUNICATION LINK UTILIZING A LEAD FRAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01L :13/677,068 :14/11/2012	, , , , , , , , , , , , , , , , , , , ,
(33) Name of priority country	:U.S.A.	JOSE, CA 95138, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVID KUNG
(87) International Publication No	: NA	2)DAVID MICHAEL HUGH MATTHEWS
(61) Patent of Addition to Application Number	:NA	3)BALU BALAKRISHNAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

An integrated circuit package includes an encapsulation and lead frame with a portion of the lead frame disposed within the encapsulation. The lead frame includes a first conductor formed in the lead frame having a first conductive loop and a third conductive loop disposed substantially within the encapsulation. A second conductor is formed in the lead frame galvanically isolated from the first conductor. The second conductor includes a second conductive loop disposed substantially within the encapsulation proximate to the first conductive loop to provide a communication link between the first and second conductors. The third conductive loop is wound in an opposite direction relative to the first conductive loop in the encapsulation.

No. of Pages : 53 No. of Claims : 46

# (19) INDIA

(22) Date of filing of Application :27/11/2013

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G01F :61/731,287 :29/11/2012	Address of Applicant : One Infinity Corporate Centre Drive,
(33) Name of priority country	:U.S.A.	Suite 300, Garfield Heights, Ohio 44125, USA U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)Paul Drube
(87) International Publication No	: NA	2)Thomas Drube
(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 : METERING SYSTEM AND METHOD FOR CRYOGENIC LIQUIDS

(57) Abstract :

A system for dispensing a cryogenic liquid includes a storage tank containing a supply of the cryogenic liquid and a metering chamber. A liquid inlet line is in communication with the storage tank and the metering chamber so that the metering chamber receives cryogenic liquid from the storage tank. A meter run is in communication with the metering chamber and includes a metering element, a dispensing line and a dispensing valve. A stabilizing column is positioned within the metering chamber and includes vertically spaced openings. Vertically spaced first and second pressure sensors are in communication with the interior of the stabilizing column. A controller is in communication with the metering element, the first and second pressure sensors and the dispensing valve.

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

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : BRAKE ASSEMBLY WITH IMPROVED BRAKE SHOE RETENTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F16D :13/803,127 :14/03/2013	Address of Applicant :2135 WEST MAPLE ROAD, TROY,
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:U.S.A. :NA	MICHIGAN 48084, UNITED STATES OF AMERICA U.S.A. (72) <b>Name of Inventor :</b>
Filing Date	:NA	1)DAVID J. DETTLOFF
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)ROY HAYFORD 3)JOSHUA R. OLOVER
Filing Date	:NA	4)MARK D. DGO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A brake assembly having a brake shoe and an anchor pin. The brake shoe may have an anchor pin slot that may include first and second connecting surfaces that extend fiom an arcuate bearing surface. The anchor pin may have a flat and may be inserted into the anchor pin slot when the flat is aligned with the second connecting surface.

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

# (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : A METHOD OF FABRICATING BITUMEN IMPREGNATED RIDGE TILES, AND MACHINES FOR FABRICATING THEM

<ul> <li>(51) International classification</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>	:12 61478 :30/11/2012 :France :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ONDULINE <ul> <li>Address of Applicant :35 RUE BAUDIN, F-92300</li> </ul> </li> <li>LEVALLOIS-PERRET, FRANCE</li> <li>(72)Name of Inventor : <ul> <li>1)JEAN-CLAUDE LEMAITRE</li> <li>2)ETHEM SAKIOGLU</li> </ul> </li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)ETHEM SAKIOGLU
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

# (57) Abstract :

The invention provides a method of fabricating bitumen impregnated cellulose ridge tiles (Ila, Il b) (12a, 12b, 12c, 12d), each ridge tile having the general shape of a profiled ridge tile plate of cross-section that is symmetrical about a vertical longitudinal midplane and that comprises a downwardly concave central ridge (13) extended laterally on either side by a flat (14) that terminates in a downwardly concave corrugation (15), said ridge tile further including a series of transverse ribs (16) at each of its longitudinal ends (21), in which method a shaped, dried, and bitumen impregnated cellulose panel (10) is made, the panel being in the form of a section member of cross-section that is made up by juxtaposing at least two cross-sections, each identical to the cross-section of said ridge tile plate, with series of transverse ribs being formed in the vicinity of the longitudinal ends of the panel and on either side of at least one virtual transverse separation line (17) extending between both longitudinal edges (20) of the panel, and the panel (10) is cut along a longitudinal line of cut (18) situated between the juxtaposed ridge tile sections.

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

# (19) INDIA

(22) Date of filing of Application :26/11/2013

(54) Title of the invention : HEAD FLOAT AND N	METHOD	
(51) International classification	:G01V	(71)Name of Applicant :
(31) Priority Document No	:1261469	1)CGG SERVICES SA
(32) Priority Date	:30/11/2012	Address of Applicant :27 AVENUE CARNOT,, 91300
(33) Name of priority country	:France	MASSY FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TONCHIA, HELENE
(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 and streamer/source head-float system for connecting to a head portion of a streamer or to a lead-in or providing information about a source. The system includes a head-buoy configured to float in water and connected through a cable to the head portion of the streamer or to the lead-in; a head-float configured to float in water; a connector connecting the head-float to the head-buoy; and positioning equipment attached to the head-float and configured to determine a position of the streamer or the source.

No. of Pages : 43 No. of Claims : 10

# (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

### (51) International classification :B60S (71)Name of Applicant : 1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA) (31) Priority Document No :201210509269.3 (32) Priority Date :03/12/2012 CO. LTD. (33) Name of priority country :China Address of Applicant :No.26, Lixiang Road (M.), Xingsha (86) International Application No Changsha 410100 Hunan China :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)ZIMMER, Joachim (61) Patent of Addition to Application Number :NA 2)CHENG, Nalrul Filing Date :NA 3)ZHU, Hansong (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : VEHICLE WIPER SYSTEM AND CRANK AND CONNECTING ROD MECHANISM THEREOF

### (57) Abstract :

The invention relates to a crank and connecting rod mechanism for a wiper system comprising a crank which is configured to be connected to an output shaft of a driving assembly of the wiper system and is configured for outputting a rotational movement of the output shaft; a connecting rod which is configured to be connected to a wiper arm of the wiper system and is configured for driving the wiper arm to perform a reciprocating swinging movement; and a joint assembly which is configured for connecting the crank and the connecting rod, the joint assembly comprising: a ball pin connected to the connecting rod; and a slider, the ball pin being connected to the slider, and the slider and the output shaft being connected to two opposite ends of the crank, wherein the slider and the connecting rod connected thereto slides in a direction along the length of the crank relative to the crank in a state that a force in the direction transferred to the slider via the connecting rod and the ball pin is greater than a certain critical value. The invention also relates to a wiper system comprising the above crank and connecting rod mechanism.

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

# (19) INDIA

(22) Date of filing of Application :28/11/2013

(54) Title of the invention : PHOTOCHROMIC GLASSES		
<ul> <li>C (71)Name of Applicant :</li> <li>1)CORNING INCORPORATED</li> <li>/2012 Address of Applicant :1 RIVERFRONT PLAZA CORNING, NEW YORK 14831, USA U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)YVES ANDRE HENRI BROCHETON</li> </ul>		
;		

(57) Abstract :

Described herein are photochromic glasses that are at least substantially free of rare earth elements. Methods of making and using the photochromic glasses are also described.

No. of Pages : 10 No. of Claims : 7

# (19) INDIA

(22) Date of filing of Application :28/11/2013

# (43) Publication Date : 27/02/2015

(54) Title of the invention : CORRUGATED TUBE CLAMP		
(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)Daiwa Kasei Kogyo Kabushiki Kaisha
(31) Priority Document No	261938	Address of Applicant :1, Aza Kamihirachi, Hobo-cho,
(32) Priority Date	:30/11/2012	Okazaki-shi, Aichi-Ken (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ASAI, Osamu
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 corrugated tube clamp may includes a fixed portion capable of being connected to an attaching object, a movable portion hinged to the fixed portion, ribs respectively formed in the fixed portion and the movable portion, and at least one biasing member formed in at least one of the fixed portion and the movable portion. The fixed portion and the movable portion are shaped to clamp and hold each of corrugated tubes having different diameters therebetween. The ribs are respectively shaped to engage grooves formed in an outer circumferential surface of each of the corrugated tubes of different diameters. The at least one biasing member is shaped to be pressed back by an outer circumferential surface of at least the corrugated tube with the smallest diameter when it is clamped between the fixed portion and the movable portion.

No. of Pages : 26 No. of Claims : 5

# (19) INDIA

(22) Date of filing of Application :28/11/2013

# (54) Title of the invention : HYDRODESUFURIZATION CATALYST FOR HYDROCARBON OIL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:B01J :2012- 266114	<ul> <li>(71)Name of Applicant :</li> <li>1)COSMO OIL CO., LTD.</li> <li>Address of Applicant :1-1-1, SHIBAURA, MINATO-KU,</li> </ul>
(32) Priority Date		TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NOBUMASA NAKAJIMA
Filing Date	:NA	2)YUJI SAKA
(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 hydrodesulfhrization catalyst for a hydrocarbon oil, the catalyst prepared by impregnating cobalt and the like on a complex oxide carrier containing 80 to 99 mass % of an alumina and 1 to 20 mass % of an HY zeolite, wherein based on the total mass of the catalyst, and calculated in terms of the oxide content, the catalyst contains 3 to 6 mass % of cobalt, 16 to 24 mass % of molybdenum and 0.8 to 4.5 mass % of phosphorus, the catalyst has a specific surface area of 210 to 280 m21g, a pore volume of 0.3 to 0.6 mug, a mean pore diameter in a pore distribution of 75 to 95 A, and a pore volume for pores within a range of I5 A from the mean pore diameter that is at least 75% of the total pore volume, and the HY zeolite has (a) a Si02/A1203 (molar ratio) of 3 to 10, (b) a crystal lattice constant of 2.435 to 2.465 nrn, (c) a molar ratio ofAl within the zeolite framework relative to the total A1 content of 0.2 to 0.9, and (d) a crystallite diameter of 30 to 100 nrn.

No. of Pages : 45 No. of Claims : 1

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :29/10/2013

# (43) Publication Date : 27/02/2015

# (54) Title of the invention : INTELLIGENT GENERATION AND DISTRIBUTION OF AN ENCODED CONTENT TRANSPORT STREAM ACCORDING TO METADATA

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:13/727,302	
(32) Priority Date	:26/12/2012	
(33) Name of priority country	:U.S.A.	BURBANK, CA 91521 US. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHIARULLI, MICHAEL V
(87) International Publication No	: NA	2)CHRISTIANSEN, TODD
(61) Patent of Addition to Application Number	:NA	3)DREISPAN, DAVID A
Filing Date	:NA	4)KENNY, JOSEPH P
(62) Divisional to Application Number	:NA	5)RAPELLA, JERRY A
Filing Date	:NA	

# (57) Abstract :

There is provided a method and system for generating and distributing an encoded content transport stream. The method comprises obtaining metadata and at least one unique identifier that identifies content elements, generating a recipient specific list using the metadata and at least one of the unique identifiers, creating a content transport stream using the recipient specific list including the metadata and the identified content elements, encoding the content transport stream to generate the encoded content transport stream, and distributing the encoded content transport stream through at least one network path. The metadata may include destination points and priority information of the encoded content transport stream, which may take the form of sections of television programming or block of commercial advertisements.

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

# (19) INDIA

(22) Date of filing of Application :29/10/2013

# (54) Title of the invention : HOOD-TYPE ANNEALING FURNACE AND METHOD FOR OPERATING SAME

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) International Application No</li> <li>(36) International Publication No</li> <li>(37) International Publication No</li> <li>(38) International Publication No</li> <li>(39) International Publication No</li> <li>(30) International Publication Number</li> <li>(30) Patent of Addition to Application Number</li> <li>(30) Filing Date</li> <li>(31) Patent of Addition to Application Number</li> <li>(31) Patent of Addition to Application Number</li> <li>(32) Priority GERMANY</li> <li>(33) Name of Inventor :</li> <li>(33) Name of Inventor :</li> <li>(34) (72) Name of Inventor :</li> <li>(35) International Publication No</li> <li>(36) Patent of Addition to Application Number</li> <li>(37) NA</li> <li>(37) Patent of Addition to Application Number</li> <li>(30) Patent of Addition to Application Number</li> <li>(30) Patent of Application Number</li> <li>(31) Patent of Application Number</li> <li>(31) Patent of Application Number</li> <li>(32) Patent of Application Number</li></ul>	<ul> <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>	:Germany :NA :NA : NA :NA :NA	(72)Name of Inventor :
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# (57) Abstract :

A hood-type annealing fiimace (1) for the thermal treatment of cold-rolled steel strip, comprising a base (2) with a protective hood (6) which can be placed on the latter and under which a protective gas heated by a gas burner (14) is circulated by a blower (4), in order to heat the steel strip, rolled up particularly into a coil (8), under the protective hood (6) to a temperature of at least 500°C in a protective gas atmosphere, is distinguished in that an electric heating device (20, 120) fed by the public power network (18) and having a heating capacity correspondingly essentially to the heating capacity of the gas burner (14) is provided, by means of which, with the gas burner (14) switched off, the protective gas can be heated, alternatively to the latter, independently to a temperature above the recrystallization annealing temperature. The invention relates, fiirthermore, to a method for operating such a hoodtype annealing furnace (1).

No. of Pages : 19 No. of Claims : 13

# (19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A SEATING ARRANGEMENT FOR A PASSENGER VEHICLE			
<ul> <li>(51) International classification</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>	:B60N :1221811.1 :04/12/2012 :U.K. :NA :NA :NA : NA :NA	(71)Name of Applicant : 1)FORD GLOBAL TECHNOLOGIES, LLC.	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA		

(57) Abstract :

A seating arrangement for a passenger vehicle in the form of a car 101 is disclosed in which front and rear seats 110, 120 are arranged in a staggered relationship with a child seat 250 mounted on the rear seat 120 in an asymmetrical position. The child seat 250 is mounted asymmetrically by positioning mountings 251, 252; 351,352 so that they are offset outboard relative to a central axis x2-x2 of the rear seat 120. The asymmetrical mounting of the child seat 250 transversely displaces the child seat 250 away from the front seat 110 so as to enable it to be accommodated without interference with the front seat 110.

No. of Pages : 19 No. of Claims : 13

# (19) INDIA

(22) Date of filing of Application :28/11/2013

# (43) Publication Date : 27/02/2015

(54) Title of the invention : MICROCATHETER		
<ul> <li>(54) File of the invention PMEROCRIFIENCE</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>	:A61B :13/707,655 :07/12/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	

(57) Abstract :

A microcatheter comprising a first flexible tubular body and a second flexible tubular body is disclosed. The first flexible tubular body defines a longitudinal axis, has a proximal end, a distal end and a first lumen extending at least partially therethrough. The second flexible tubular body extends substantially parallel to the longitudinal axis along at least a portion of its length and has a second lumen extending at least partially therethrough. The first lumen and the second lumen are coaxially disposed along at least a majority of the length of the second lumen. A distal end of the first lumen extends farther distally than a distal end of the second lumen by a distance x.

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

# (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : PAPER SHEET PROC	CESSING APPA	RATUS
(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA TOSHIBA
(51) Thomy Document No	262871	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:30/11/2012	MINATO-KU, TOKYO 105-8001, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)JUN OKAMOTO
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 :

According to an embodiment, a paper sheet processing apparatus includes a stacking device which stacks paper sheets andawrappingdevicewhichwraps a stackedpaper sheet bundle by winding a band thereon. The wrapping device includes a band winding device, a hand assembly which grasps the stacked paper sheet bundle, a hand assembly drive mechanism which draws the bundle to an arbitrary position by reciprocating the hand assembly, detectors which detect a plurality of drawn-in positions of the hand assembly, and a control unit which stops the hand assembly at an arbitrary drawn-in position detected by the detectors and adjusts a band winding position on the bundle.

No. of Pages : 74 No. of Claims : 10

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : 1,2-CYCLOHEXANEDIAMINPLATINUM(II)-BIS-(4METHYLBENZENESULFONATE) AND THE HYDRATES THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C07D :12 008 120.3	,
(32) Priority Date	:05/12/2012	Address of Applicant :HERAEUSSTRAE 12-14, 63450
(33) Name of priority country	:EUROPEAN UNION	HANAU, GERMANY (72) <b>Name of Inventor :</b>
(86) International Application No	:NA	1)JOST, DR. STEFFEN
Filing Date	:NA	2)BRANDES, CHRISTIAN
(87) International Publication No	: NA	3)RAUTER, DR. HOLGER
(61) Patent of Addition to Application Number	:NA	4)WERNER, SILVIA
Filing Date	:NA	5)SCHMENGLER, STEFANIE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

The present invention describes the dihydrate of 1,2-cyclohexanediaminplatinum(II)-bis-(4- methylbenzenesulfonate), a method for producing 1,2-cyclohexanediaminplatinum(II)-bis-(4- methylbenzenesulfonate) and the hydrates thereof, and the use of 1,2cyclohexanediaminplatinum(II)-bis-(4-methylbenzenesulfonate) and of the hydrates thereof.

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

# (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

### (51) International classification :F24J (71)Name of Applicant : 1)Solatube International, Inc. (31) Priority Document No :13/710,902 (32) Priority Date Address of Applicant :2210 Oak Ridge Way, Vista, CA 92081, :11/12/2011 (33) Name of priority country :U.S.A. U.S.A. U.S.A. (86) International Application No :NA (72)Name of Inventor: Filing Date :NA 1)JASTER, Paul August (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 : HIGH ASPECT RATIO DAYLIGHT COLLECTORS

(57) Abstract :

Lighting devices and methods for providing daylight to the interior of a structure are disclosed. Some embodiments disclosed herein provide a daylighting device including a tube having a sidewall with a reflective interior surface, a light collecting structure, and a light reflector positioned to reflect daylight into the light collector. In some embodiments, the light collector is associated with one or more light-turning and/or light reflecting structures configured to increase the amount of light captured by the daylighting device. Optical elements may allow for the absorption and/or selective transmission of infrared light away from an interior of the daylighting device.

No. of Pages : 80 No. of Claims : 31

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : ROLLING CONTROL DEVICE, ROLLING CONTROL METHOD AND ROLLING CONTROL PROGRAM

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	:2012- 270553	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:11/12/2012	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)HATTORI SATOSHI
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 :

A rolling control device which controls a rolling mill (1, S 100) for rolling a material (u) to be rolled by a pair of rolls (Rsl, Rs2) includes a roll gap control part (7) which controls space between the rolls (Rsl, Rs2) in the pair of rolls on the basis of tension of the material (u) inserted into the rolling mill to be rolled by the rolling mill or the material (u) sent out from the rolling mill after rolled and a speed control part (4) which controls carrying speed of the material (u) inserted into the rolling mill to be rolled by the rolling mill after rolled into the rolling mill to be rolled by the rolling mill after rolled into the rolling mill to be rolled by the rolling mill or the material (u) inserted into the rolling mill to be rolled by the rolling mill or the basis of the rolling mill to be rolled by the rolling mill after rolled on the basis of the rolling mill to be rolled by the rolling mill after rolled on the basis of the rolling material (u).

No. of Pages : 47 No. of Claims : 12

(22) Date of filing of Application :29/11/2013

(54) Title of the invention : MACHINE ROOM-LESS ELEVATOR		
(51) International classification	:B66B	(71)Name of Applicant :
(31) Priority Document No	:2012- 270908	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:12/12/2012	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)KANAYAMA YASUHIRO
Filing Date	:NA	2)NISHINO KATSUNORI
(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 object of the present invention is to provide an chine room-less elevator capable of minimizing space f or arrangement 5 of devices in a hois t way and reducing the swing of a governor rope. There is provided a roller in a control panel of an elevator disposed near a governor rope coupled with a cage, moving up and down in synchronism with the cage, and extended in an endless manner in a hoist way, the roller pressing the 10 extended governor rope. The control panel is provided in a space made by are treat of the governor rope pressed by the roller .

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

(19) INDIA

(22) Date of filing of Application :30/10/2013

# (54) Title of the invention : METHOD FOR RESERVING TELEVISION PROGRAMS AND THE SYSTEM THEREOF

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:CN 201210507601.2	1)Quatius Limited Address of Applicant :Units 05-07,16/F,Greenfield
(32) Priority Date	:29/11/2012	Tower, Concordia Plaza, 1 Science Museum Road, TST
(33) Name of priority country	:China	East,Kln,Hong Kong,P.R China China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHEUNG, Ka Wing
(87) International Publication No	: NA	2)CHEUNG, Ka Wing
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A method for reserving television programs is disclosed. The method includes the steps of: receiving a reservation command, intercepting an image of a reservation program; transforming the image to reservation information; prompting the reservation information when reaching preset time or receiving a user prompt command. A corresponding system for reserving television programs is also disclosed. By transforming the image to reservation information and prompting the reservation information, it could modify transformed wrong part, realizing to automatically reserve program information. Another method for reserving television programs includes: receiving a reservation command, intercepting an image of a reservation program; storing the image; displaying the image when reaching a preset time or receiving a user prompt command. It also provides a corresponding system for reserving television programs.

No. of Pages : 18 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :29/11/2013

(51) International classification	:F23R	(71)Name of Applicant :
(31) Priority Document No	:12195066.1	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:30/11/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)MAURER, MICHAEL, THOMAS
Filing Date	:NA	2)BENZ, URS
(87) International Publication No	: NA	3)BOTHIEN, MIRKO, RUBEN
(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 : DAMPING DEVCIE FOR A GAS TURBINE COMBUSTOR

(57) Abstract :

The invention relates to a damping device for a gas turbine combustor with a near wall cooling system. It is an object of this invention to provide such a damping device I for a combustion liner segment with significantly reduced cooling air mass flow requirements, which eliminates the drawbacks of expensive casting techniques. I The damping device for a gas turbine combustor (1) according to the invention I comprises a wall (4) with a first inner wall (5), particularly a combustor liner, and a second outer wall (6), arranged in a distance to each other, wherein said inner wall (5) is subjected to high temperatures on a side with a hot gas flow, a plurality of cooling channels (7) extending essentially parallel between the first inner wall (5) and the second outer wall (6), and at least one damping volume (9) bordered by cooling channels (7), furthermore comprising a first passage (1 I ) for supplying a cooling medium from a cooling channel (7) into the damping volume (9) and a second passage (13) for connecting the damping volume (9) to the combustion chamber (3), said end plate (10) is provided with the neck passage (1 3), and is additionally provided with at least one feed plenum (12, 15) for a cooling medium, at least one exit plenum (16) for a cooling medium and at least one exit plenum (16).

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

### (19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : METHOD FOR MANUFACTURING A METALLIC COMPONENT BY ADDITIVE LASER MANUFACTURING

(51) International classification	:B23P	(71)Name of Applicant :
(31) Priority Document No	:12008074.2	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:01/12/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(22) Nome of micrity country	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)ETTER, THOMAS
Filing Date	:NA	2)KONTER, MAXIM
(87) International Publication No	: NA	3)HOEBEL, MATTHIAS
(61) Patent of Addition to Application Number	:NA	4)SCHURB, JULIUS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (57) Abstract :

The invention refers to a method for manufacturing a three-dimensional metallic article/component (1 I) entirely or partly, comprising the steps of a) successively building up said article /component (1 1) from a metallic base 0 material (12) by means of an additive manufacturing process by scanning with an energy beam (14), thereby b) establishing a controlled grain orientation in primary and in secondary direction of the article /component (1 I), c) wherein the secondary grain orientation is realized by applying a specific scanning pattern of the energy beam (14), which is aligned to the cross section profile of said article /component (14), or with characteristic load conditions of the article/component (1 1).

No. of Pages : 27 No. of Claims : 15

# (19) INDIA

(22) Date of filing of Application :01/11/2013

### (43) Publication Date : 27/02/2015

(54) Title of the invention : A BOTTLE DRYING STAND		
<ul> <li>(54) Title of the invention : A BOTTLE DRYING</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> </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 :NA :NA :NA	

(57) Abstract :

The invention relates to a bottle drying stand for a standard bottle having a side wall, transitioning through a shoulder to a bottle mouth. The stand includes a peripheral side wall resting upon a base rim. The upper end of the side wall forms a support rim sized for the inverted bottle to rest upon at its shoulder. A drip cup extends inwardly and downwardly from the 10 support rim, and the mouth of the bottle is received therein. The drip cup includes a cup opening for airflow, preferably coaxial with the bottle mouth. The side wall of the stand also includes wall openings permitting airflow inward to communicate with the cup opening.`

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : ROLLING CONTROL APPARATUS, ROLLING CONTROL METHOD AND ROLLING CONTROL PROGRAM

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	:2012- 266650	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date		CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĂ	1)FUKUCHI YUTAKA
Filing Date	:NA	2)HATTORI SATOSHI
(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 :

A rolling control apparatus (100), a rolling control method, and a rolling control program. A forward slip ratio is obtained from information in which the condition regarding the rolling of a strip (1) and the forward slip ratio have been associated and a conveying speed of the strip on a delivery side of the first rolling stand (11) is calculated. A thickness of the strip on the delivery side of the first rolling stand (11) is calculated. A thickness of the strip on the delivery side of the strip detected on the entry side of the first rolling stand. An error of the forward slip ratio is calculated on the basis of a difference between a calculation result and a detection result. A calculation result of the thickness of the strip on a delivery side of the second rolling stand (12) is corrected on the basis of a calculation result.

No. of Pages : 20 No. of Claims : 8

# (19) INDIA

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : MEHTOD FOR ACTIVATING AN INNER SURFACE OF A HOLLOW GLASS SUBSTRATE TUBE FOR THE MANUFACTURING OF AN OPTICAL FIBER PREFORM

(51) International classification:C03B(31) Priority Document No:2009962(32) Priority Date:11/12/2012(33) Name of priority country:Netherland(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(62) Divisional to Application Number:NAFiling Date:NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DRAKA COMTEQ B.V. Address of Applicant :DE BOELELAAN 7, 1083 HJ,</li> <li>AMSTERDAM, THE NETHERLANDS</li> <li>(72)Name of Inventor :</li> <li>1)IGOR MILICEVIC</li> <li>2)MATTHEUS JACOBUS NICOLAAS VAN STRALEN</li> <li>3)JOHANNES ANTOON HARTSUIKER</li> </ul>
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# (57) Abstract :

The present invention relates to a method for activating an inner surface of a hollow glass substrate tube for the manufacturing of an optical fiber preform, said method comprising the steps of: i) depositing a number of activation glass layers on said inner surface of said hollow substrate tube by means of a PCVD process wherein the thickness of the activation glass layers is at least 10 micrometer and at most 250 micrometer; and ii) at least partially removing said activation layers deposited in step i) by means of an etching process wherein the activation glass layers as deposited in step i) are removed to an extent of at least 30 %. The present method of by carrying out the etching step on PCVD deposited layers instead of on the initial substrate tube itself the benefits of the etching process - such as the improved adhesion - is retained whereas the negative side effects of the etching - the creation of surface inhomogeneity - is diminished or even fully eliminated.

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

# (19) INDIA

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

(43) Publication Date : 27/02/2015

(54) Title of the invention : REDUCED COMPLEXITY MULTIPROTOCOL LABEL SWITCHING		
(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:13/724,400	1)CIENA CORPORATION
(32) Priority Date	:21/12/2012	Address of Applicant :7035 RIDGE ROAD, HANOVER, MD
(33) Name of priority country	:U.S.A.	21076, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DUNCAN, IAN HAMISH
(87) International Publication No	: NA	2)BRAGG, NIGEL LAWRENCE
(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 : REDUCED COMPLEXITY MULTIPROTOCOL LABEL SWITCHING

(57) Abstract :

A reduced complexity Multiprotocol Label Switching (MPLS) method, a MPLS network element, and a MPLS network utilize an MPLS operating regime whereby disjoint sets of one or more MPLS labels are uniquely and specifically associated with just one switch, i.e. each switch node is assigned one or more non-overlapping labels fi-om the RFC 3032 20 bit label space to bind to particular service end-points; which then enables these labels to embody the core properties of a destination address (DA) in the network sub-domain in which they are used. The central property is that these DA labels are constant for a given forwarding path across the entire sub-domain, remaining unchanged at any point in the network. Once that is achieved, any and all hop-by-hop signaling protocols are unnecessary, since there is no need for label swapping, and the label-switching-node binding information can be flooded by interior routing protocols only.

No. of Pages : 21 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 27/02/2015

	D011	
(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:102012223964.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:20/12/2012	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HUBER, THOMAS
(87) International Publication No	: NA	2)KUEHL, JULIEN
(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 : METHOD FOR ENERGY MANAGEMENT OF A VEHICLE

(57) Abstract :

The present subject matter relates to a method for detecting a performance enhancing manipulation of an internal combustion engine (2), comprising - measuring a velocity (84) of a fresh air and/or exhaust-gas flow (72, 64) in the internal combustion engine (2), - juxtaposing the measured velocity (84) and a target velocity (98) and - detecting the performance-enhancing manipulation, when a result of the juxtaposition of a predetermined condition is different.

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : METHOD AND DEVICE FOR DETECTING AN IMPROPER USE OF AN OCCUPANT PROTECTION SEATBELT OF A VEHICLE

<ul> <li>(51) International classification</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>		<ul> <li>(71)Name of Applicant :</li> <li>1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)WEEBER, KAI</li> </ul>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to method (200) for detecting an improper use of an occupant protection seatbelt (108, 118) of a vehicle (300). The method (200) comprising reading (210) a belt buckle signal (340), which in a first state (441) represents a seat beh latch (106, 116) of the occupant protection seat belt (108, 118) inserted in a belt buckle (104), and in a second state (442) a seat belt latch (106, 116) unplugged from the belt buckle (104), and reading a seat occupancy signal (320) with respect to a vehicle seat (102, 112) assigned to the occupant protection seat belt (108, 118) and/or a door lock signal (360) with respect to a vehicle door assigned adjacent to the occupant protection seat belt (108, 118).

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

(19) INDIA

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

# (54) Title of the invention : LITHIUM-AIR BATTERY AND LITHIUM ANODE COMPOSITE THEREOF

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(51) Thomy Document 10	278367	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:20/12/2012	KU, HAMAMATSU-SHI, SHIZUOKA-KEN, 432-8611, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MITSUOKA SHIGEHI
Filing Date	:NA	2)KOMATSU RYO
(87) International Publication No	: NA	3)IZUMI HIROAKI
(61) Patent of Addition to Application Number	:NA	4)KHALILUR RAHMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A lithium-air battery is provided with a lithium anode composite, and an air electrode. The lithium anode composite includes: a plateshaped or strip-shaped anode current collector; two plate-shaped anode layers made from metallic lithium, an alloy primarily composed of lithium, or a compound primarily composed of lithium and arranged so as to sandwich a part of the anode current collector; two plateshaped isolating layers made from glass ceramics having lithium ion conductivity and arranged so as to sandwich another part of the anode current collector and the whole of the two anode layers; and a junction provided so as to join and close outer peripheral portions of the two isolating layers with rest of the anode current collector being exposed outward between the two isolating layers. The air electrode includes an air electrode layer containing an electroconductive material and facing at least one of the two isolating layers, and a plate-shaped or strip-shaped air electrode current collector electrically connected to the air electrode layer. 26

No. of Pages : 37 No. of Claims : 13

# (19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:13/710,894	1)Solatube International, Inc.
(32) Priority Date	:11/12/2012	Address of Applicant :2210 Oak Ridge Way, Vista, California
(33) Name of priority country	:U.S.A.	92081, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JASTER, Paul August
(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 : DAYLIGHT COLLECTORS WITH THERMAL CONTROL

(57) Abstract :

Lighting devices and methods for providing daylight to the interior of a structure are disclosed. Some embodiments disclosed herein provide a daylighting device including a tube having a sidewall with a reflective interior surface, a light collecting assembly, and a light reflector positioned to reflect daylight into the Hght collector. In some embodiments, the light collector is associated with one or more Hght-tuming and/or light reflecting structures configured to increase the amount of light captured by the daylighting device. Optical elements may allow for the absorption and/or selective transmission of infrared light away from an interior of the daylighting device.

No. of Pages : 80 No. of Claims : 32

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : OPTICAL RECORDING MEDIUM SUBSTRATE, OPTICAL RECORDING MEDIUM, AND METHOD OF MANUFACTURING OPTICAL RECORDING MEDIUM SUBSTRATE

(57) Abstract :

There is provided an optical recording medium substrate including a polycarbonate in which an average molecular weight is in a range from 15000 to 16000, and mass per unit volume at 25°C is in a range from 1.1930 g/cm to 1.2000 g/cm3.

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

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD FOR THE PRODUCTION OF MDI DIMER (51) International classification :C07C (71)Name of Applicant : **1)EMS-PATENT AG** (31) Priority Document No :12192416.1 Address of Applicant : VIA INNOVATIVA 1, CH-7013 (32) Priority Date :13/11/2012 :EUROPEAN DOMAT/EMS. SWITZERLAND (33) Name of priority country (72)Name of Inventor : UNION (86) International Application No :NA 1)DR. RER. NAT. ANDREAS KAPLAN 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 method for the production of 4,4- methylenebis(phenylisocyanate) dimer (MDI dimer) which is distinguished by an MDI dimer being obtained which is present in high purity. The MDI dimer which is produced according to the method according to the invention is distinguished by being essentially free of MDI and also urea derivatives. Furthermore, the invention relates to a corresponding MDI dimer and also the use thereof as crosslinker for polynre thane s.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/12/2013

# (54) Title of the invention : BATTERY UNIT AND BATTERY MODULE USING 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</li> </ul>	:H01M :10-2013- 0038283 :08/04/2013 :Republic of Korea :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SAMSUNG SDI CO., LTD.</li> <li>Address of Applicant :150-20, GONGSE-RO, GIHEUNG-GU,</li> <li>YONGIN-SI, GYEONGGI-DO, REPUBLIC OF KOREA</li> <li>(72)Name of Inventor :</li> <li>1)JANG-HYUN SONG</li> <li>2)YONG-SAM KIM</li> <li>3)JONG-WOO NAM</li> </ul>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	: NA :NA :NA :NA :NA	

### (57) Abstract :

A battery unit includes a case accommodating an electrode assembly, the case having an opening and a cap plate for covering the opening, the cap plate having a temninal insertion portion. The battery unit further includes a terminal member inserted into the case through the terminal insertion portion from an outside of the case and coupled to the electrode assembly, the terminal member including a current collector electrically coupled to the electrode assembly; a terminal portion extending parallel to an upper surface of the cap plate to an outside of the cap plate; and a connection portion electrically coupled to the current collector and to the terminal portion. The battery unit further includes a fixing member in the terminal insertion portion and fixing the terminal member to the cap plate, the fixing member including injection-molded plastic resin in the tenninal insertion portion and surrounding the terminal member.

No. of Pages : 47 No. of Claims : 26

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : PHARMACEUTIAL COMPOSITION IN THE FORM OF AN ORAL SUSPENSION COMPRISING A FLAVONOID FRACTION AND XANTHAN GUM

<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>	:A61K :12/03579 :21/12/2012 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)LES LABORATOIRES SERVIER</li> <li>Address of Applicant :35 RUE DE VERDUN F-92284</li> <li>SURESNES CEDEX, FRANCE</li> </ul>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEPHANIE MARSAS
(87) International Publication No	: NA	2)JEAN-MANUEL PEAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

Pharmaceutical composition in the form of an oral suspension comprising diosmin and xanthan gum. Use of the pharmaceutical composition 5 according to the invention in the treatment of venous insufficiency.

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

#### (19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : LOCK ASSEMBLY HAVING QUICK RELEASE DOUBLE FIRE PLATE

<ul> <li>(51) International classification</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>	:E05B :61/738980 :18/12/2012 :U.S.A. :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)STANLEY SECURITY SOLUTIONS, INC. Address of Applicant :6161 EAST 75TH STREET, INDIANAPOLIS, INDIANA 46250, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date (87) International Publication No	:NA : NA	1)CHAD A. HICKMAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	

(57) Abstract :

A lock assembly includes a mounting fire plate configured for attachment to the door. A first lockset includes a lockset fire plate and a first operator assembly having a first operator handle. The first operator assembly is mounted to the lockset fire plate. At least one fusible link is configured to releasably couple the lockset fire plate of the first lockset to the mounting fire plate. The at least one fusible link is configured to melt during a fire condition to release the lockset fire plate from the mounting fire plate to facilitate a separation of the first lockset including the lockset fire plate from the mounting fire plate and the door by force of gravity.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION		(21) Application No.3521/DEL/2013 A
(19) INDIA		
(22) Date of filing of Application :05/12/2013		(43) Publication Date : 27/02/2015
(54) Title of the invention : LOCK ASSEMBLY HA UNAUTHORIZED HANDLE REMOVAL	AVING SECUR	RED SETSCREW CONFIGURATION TO PREVENT
<ul> <li>(51) International classification</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>	:E05B :61/738975 :18/12/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)STANLEY SECURITY SOLUTIONS, INC. Address of Applicant :6161 EAST 75TH STREET, INDIANAPOLIS, INDIANA 46250, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHAD A. HICKMAN</li> </ul>

#### (57) Abstract :

A lock assembly includes a coupling mechanism connected to a spindle assembly. The coupling mechanism has an outer sleeve having a longitudinal interior opening that extends along a first axis. An operator handle includes a proximal lock core opening, and a distal shaft portion having an axial opening configured to receive the outer sleeve. The distal shaft portion and the outer sleeve are configured to define a through path oriented across the longitudinal interior opening of the outer sleeve. A portion of the through path at the outer sleeve is configured to threadably receive a setscrew to fasten the operator handle to the outer sleeve. A keyed lock core has a tailpiece that is positioned in the longitudinal interior opening of the outer sleeve to obstruct the through path and block access to the setscrew via the through path to prevent unauthorized removal of the operator handle.

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

(12) PATENT APPLICATION PUBLICATION

#### (19) INDIA

(22) Date of filing of Application :28/11/2013

(54) Title of the invention : SURGICAL SAW BLADE			
(51) International classification	:A61B	(71)Name of Applicant :	
(31) Priority Document No	:13/715,219	1)DEPUY SYNTHES PRODUCTS, LLC	
(32) Priority Date	:14/12/2012	Address of Applicant :325, PARAMOUNT DRIVE,	
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767, U.S.A. U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)DAVID NARDUCCI	
(87) International Publication No	: NA	2)EDDY HUMBERTO DELRIO	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present invention is directed to a surgical cutting device configured to drive a removable surgical saw blade in oscillating rotation. The saw blade is held within the cutting device at a holding member and a clamping member and removeabley attached to 5 a drive plate.

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

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : HEAT MANAGEMENT SYSTEM AND METHOD FOR CRYOGENIC LIQUID DISPENSING 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> </ul>	:F17C :61/731,981 :30/11/2012 :U.S.A. :NA :NA :NA :NA :NA	,
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

#### (57) Abstract :

A system for dispensing a cryogenic fluid includes a bulk tank containing a supply of cryogenic fluid. A heating circuit includes an intermediate tank and a heating device and lias an inlet in fluid communication with the bulk tank and an outlet. A bypass junction is positioned between the bulk tank and the inlet of the heating circuit. A bypass circuit lias an inlet in fluid communication with the bypass junction and an outlet so that a portion of cryogenic fluid from the bulk tank flows through the heating circuit and is warmed and a portion flows through the bypass circuit. A mixing junction is in fluid communication with the outlets of the bypass circuit and the heating circuit so that warmed cryogenic fluid from the heating circuit is mixed with cryogenic fluid from the bypass circuit so that the conditioned. A dispensing line is in fluid communication with the mixing junction so that the conditioned cryogenic fluid remaining in the heating circuit after dispensing is directed to the intermediate tank and used to warm cryogenic fluid directed through the heating circuit.

No. of Pages : 17 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : HEADLIGHT SUPPORT STRUCTURE			
(51) International classification	:B60Q	(71)Name of Applicant :	
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.	
(51) Thomy Document No	074827	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,	
(32) Priority Date	:29/03/2013	MINATO-KU, TOKYO 107-8556 JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)TOMOHIRO SONE	
Filing Date	:NA	2)JUN TANAKA	
(87) International Publication No	: NA	3)YOSUKE MATSUOKA	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

#### (57) Abstract :

Anob-jective is to avoid creation of an appearance-impairing gap between a screen and a front cowl 5 by optical-axis adjustment of a headlight even if the headlight and the screen are integrated with each other and the front cowl is supported by a head pipe to function as a headlight stay. [Solving Means] A screen 28 is integrally attached to an 10 upper portion of a headlight 24, and the headlight 24 is turnably supported by a front cowl 26 via aiming shafts 48. The position of the headlight 24 is set by use of an adjustment bolt 52. The front cowl 26 is supported by a head pipe 20. The front cowl 26 includes a cowl stay 60 15 attached to the head pipe 20, an inner cowl 70 being coupled to the cowl stay 60 and supporting the headlight 24, and side cowls 8 0 covering outer sides of them. An upper portion of each side cowl 80 is provided with an overlap portion 85 protruding to overlap an inner side of a rear 20 extension portion 58 formed at a rear end of each side portion of the screen 28.

No. of Pages : 46 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : LOCK ASSEMBLY HAVING FIRE RESISTANT SPINDLE LINKAGE

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:61/738,984	1)STANLEY SECURITY SOLUTIONS, INC.
(32) Priority Date	:18/12/2012	Address of Applicant :6161 EAST 75TH STREET,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, INDIANA 46250, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BRADLEY TRENT
(61) Patent of Addition to Application Number	:NA	2)CHAD A. HICKMAN
Filing Date	:NA	3)SIMON MARIN
(62) Divisional to Application Number	:NA	4)BRET HOLBROOK
Filing Date	:NA	

(57) Abstract :

A lock assembly includes an exterior operator assembly, an metrior operator assembly, and a latch assembly. An outer spindle is operatively coupled to a latch assembly, is drivably coupled to the interior operator assembly, and has a longitudinal bore. A coupling mechanism is coupled to the outer spindle. A locking spindle assembly is rotatably received in the longitudinal bore, and is configured to selectively operate the coupling mechanism to couple the exterior operator assembly to the outer spindle upon actuation of a drive assembly. The locking spindle assembly has a fire compliant component made of a first material that melts during a fire to prevent operation of the latch assembly with the exterior operator assembly, and has a fire resistant component made of a second material and configured to block the longitudinal bore of the outer spindle to aid in preventing the spread of the fire through the door.

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

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND METHOD OF VISUAL COMMUNICATION USING TOUCH SCREEN

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13/693993	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:04/12/2012	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NJ 07962-2245, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)XIUKUAN YANG
(61) Patent of Addition to Application Number	:NA	2)ZHONGWEI DING
Filing Date	:NA	3)YANCHAO ZHU
(62) Divisional to Application Number	:NA	4)CHUNFENG WEI
Filing Date	:NA	

(57) Abstract :

An apparatus is provided including a security system, an IP video door phone coupled to the security system, the IP video door phone further carries an interactive display, a gesture file that stores a two-dimensional sequence of positions, a comparison processor that detects contact by a human user with the interactive display, that compares a sequence of positions made by the contact on the interactive display with the positions of the gesture file and that detects a match; and an alarm processor that sends an alarm message to the security system upon detecting the match.

No. of Pages : 12 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(80) International Application Network</li> </ul>	:H01J :12 193 030.9 :16/11/2012 :EUROPEAN UNION	Address of Applicant :SUDANLAGE 5, 35390, GIEEN, GERMANY (72) <b>Name of Inventor :</b>
(86) International Application No	:NA	1)FRANK LAURISCH
Filing Date (87) International Publication No	:NA : NA	2)VOLKER KRINK
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (54) Title of the invention : METHOD FOR THE PLASMA CUTTING OF WORKPIECES

(57) Abstract :

The invention relates to a method for the plasma cutting of workpieces. It is the object of the invention to provide possibilities with which improved cutting surfaces can be achieved in plasma cutting which do not require any reworking, or at least only a reduced reworking. In the method in accordance with the invention, a plasma cutting torch having at least one torch body, an electrode and a nozzle is used and the plasma jet is inclined or deflected at least before the traveling over of a workpiece edge at an angle 6 with respect to the axis aligned perpendicular to the workpiece surface such that the emission position of the plasma jet from the workpiece is arranged at a spacing in the feed movement direction which is at most half the amount than is the case with a plasma jet incident perpendicular on the workpiece.

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

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : CONNECTION APPARATUS CIRCUIT AND HIGH VOLTAGE SURGE PROTECTION 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 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>	:H02H :101145751 :05/12/2012 :Taiwan :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GIGA-BYTE TECHNOLOGY CO., LTD. Address of Applicant :NO.6, BAU CHIANG ROAD, HSIN- TEN DIST., NEW TAIPEI CITY 231, TAIWAN</li> <li>(72)Name of Inventor :</li> <li>1)TSEN KUO LUN</li> <li>2)WU HUI MOU</li> </ul>
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(57) Abstract :

A connection apparatus circuit includes an isolation transformer, an impedance matching network, a high-voltage capacitor and a first high-voltage surge protector. The isolation transformer has a first coil and a second coil, wherein the first coil has a first terminal, a second terminal and a center tap. The impedance matching network is coupled between the center tap and a relay terminal. The high-voltage capacitor is coupled between the relay terminal and a ground terminal. The first high-voltage surge protector is coupled between the relay terminal and the ground terminal. When a high-voltage surge exceeds a default value between the first terminal or the second terminal and the ground terminal, the first high-voltage surge protector is conducted to clamp current on the impedance matching network.

No. of Pages : 31 No. of Claims : 10

# (12) PATENT APPLICATION PUBLICATION (21) Application No.3530/DEL/2013 A (19) INDIA (22) Date of filing of Application :05/12/2013 (43) Publication Date : 27/02/2015 (54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING TIRE CONDITION AND LOCATION USING WHEEL SPEED SENSORS AND ACCELERATION SENSORS (51) International classification :B60C (51) International classification :13/749,128 (32) Priority Date :24/01/2013 (71) Name of Applicant :12001 TECH CENTER DRIVE

(32) Priority Date	:24/01/2013	Address of Applicant :12001 TECH CENTER DRIVE
(33) Name of priority country	:U.S.A.	LIVONIA, MICHIGAN 48150 U.S.A U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVID L. JUZSWIK
(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 tire condition sensing apparatus includes a tire-based sensor for sensing two relative rotational positions of its associated tire relative to the earths horizon as the tire rotates and provides first and second signals indicative thereof. A transmitter for transmits tire condition information and a signal processing time delay value in response to the first and second signals. A vehicle-based sensor monitors tire rotation relative to the vehicles chassis and provides a signal indicative thereof A controller for monitors the transmitted tire condition information signal, the signal processing time delay value, and the signal from the vehicle-based sensor and associates tire location in response thereto.

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

(22) Date of filing of Application :05/02/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : LANIO3 THIN FILM-FORMING COMPOSITION AND METHOD OF FORMING LANIO3 THIN FILM USING THE SAME

<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:C07C :2013- 025671 :13/02/2013 :Japan :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUJII, Jun</li> <li>2)SAKURAI, Hideaki</li> <li>3)SOYAMA, Nobuyuki</li> </ul>
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#### (57) Abstract :

A LaNiO3 thin film having extremely few voids is uniformly formed. Provided is a LaNiO3 thin film-forming composition for forming a LaNiO3 thin film. It includes: a LaNiO3 precursor; a first organic solvent; a stabilizer; and a second organic solvent. The first organic solvent includes carboxylic acids, alcohols, esters, ketones, ethers, cycloalkanes, aromatic compounds, or tetrahydrofuran. The stabilizer includes -diketones, -ketones, -ketones, oxyacids, diols, triols, carboxylic acids, alkanolamines, or polyvalent amines. The second organic solvent has a boiling point of 150C to 300C and a surface tension of 20 to 50 dyn/cm. The LaNiO3 precursor content is 1 to 20 mass% with respect to 100 mass% of the composition. The stabilizer content is 0 to 10 mol with respect to 1 mol of a total amount of the LaNiO3 precursors. The second organic solvent content is 5 to 20 mass% with respect to the composition.

No. of Pages : 31 No. of Claims : 7

#### (19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND METHOD OF MAKING A FORGED PART

<ul> <li>(51) International classification</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>	:B21K :13/752,844 :29/01/2013 :U.S.A. :NA	Address of Applicant :2135 WEST MAPLE ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA U.S.A. (72) <b>Name of Inventor :</b>
Filing Date (87) International Publication No	:NA : NA	1)PHILLIP LEICHT 2)PAUL BORE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system and method of making a forged part. A flange may be forged between first and second ends of the part. The flange may extend away from an axis along which an upset punch is actuated.

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

(19) INDIA

(22) Date of filing of Application :06/12/2013

#### (54) Title of the invention : SYSTEM AND METHOD FOR MANUFACTURING ROTORS BACKGROUD (51) International classification (71)Name of Applicant : :B23K 1)ALSTOM TECHNOLOGY LTD (31) Priority Document No :12197518.9 Address of Applicant : BROWN BOVERI STRASSE 7, 5400 (32) Priority Date :17/12/2012 :EUROPEAN BADEN, SWITZERLAND (33) Name of priority country (72)Name of Inventor: UNION (86) International Application No :NA **1)WENN, REINER** 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 manufacturing system 1000 for manufacturing a rotor or parts thereof (rotor) includes a plurality of processing sections 2000 configured to process the rotor, and a plurality of maneuvering arrangements 3000 operatively configured to transport the rotor between and across the plurality of processing sections 2000. The processing sections 2000 include a welding processing section 100 to perform welding and related processes including testing, stacking, welding preparation, and welding. The processing sections 2000 further include a machining processing section 200 to perform machining and related process including turning, milling and drilling on the rotor. The maneuvering arrangements 3000 include pallet and tilting units 500, 600 configured in the welding processing section 100 to maneuver (tilt and transport) the rotor along a portion thereof. The maneuvering arrangements 3000 further include a transportation-setup station 700 having work-piece and power shuttles 710, 720, to transport the rotor across the processing section 2000.

No. of Pages : 41 No. of Claims : 17

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

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : STEAM POWER PLANT WITH AN ADDITIONAL FLEXIBLE SOLAR SYSTEM FOR THE FLEXIBLE INTEGRATION OF 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 Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F24J :102012223122.6 :13/12/2012 :Germany :NA :NA : NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM TECHNOLOGY LTD Address of Applicant :BROWN BOVERI STRASSE 7, 5400</li> <li>BADEN, SWITZERLAND</li> <li>(72)Name of Inventor : 1)CLEMENT OLIVIER</li> <li>2)VELM, SILVIA</li> <li>3)SCHULE, VOLKER</li> </ul>
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA	

(57) Abstract :

A thermal power plant is described comprising a solar collector field and a heat storage to allow the use of the thermal energy collected by the solar field with a time delay for the production of electricity in the steam power plant.

No. of Pages : 30 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:A01M	(71)Name of Applicant :
(31) Priority Document No	:10-2012-	1)HYUNDAI MOTOR COMPANY
•	0144879	Address of Applicant :231 YANGJAE-DONG, SEOCHO-GU
(32) Priority Date		SEOCHO-GU, SEOUL 137-938, REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	Republic of Korea 2)KIA MOTORS CORPORATION
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHOI WON SEOP
(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 : AIR CLEANER MOUNTED IN ENGINE OF VEHICLE

(57) Abstract :

An air cleaner is mounted on an upper portion of an engine. The air cleaner includes: a body disposed on an upper part of the engine and having a space in which a filter is received; a cover covering an upper part of the body and having a hinge member protruded from a rear edge of the cover, and a locking member including a support portion integrally formed at a rear edge of the body, and a coupling portion protruded upwardly from the support portion and provided with an opening hinged by the hinge member of the cover inserted between the coupling portion and the support member, where an upper surface and a lower surface of an insertion portion inserted into the opening of the locking member from the hinge member are inclined downward toward the rear edge of the body.

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

#### (19) INDIA

(22) Date of filing of Application :13/11/2013

#### (54) Title of the invention : METHODS AND APPARATUS FOR LASER PROJECTION, AND MACHINING METHOD

(51) International classification	:G06T	(71)Name of Applicant :
(21) Brighty Degument No	:2012-	1)HITACHI, LTD.
(31) Priority Document No	0260466	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:29/11/2012	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)NAKANO HIROYUKI
Filing Date	:NA	2)SEYA NOBUHISA
(87) International Publication No	: NA	3)IGARASHI DAISUKE
(61) Patent of Addition to Application Number	:NA	4)IGARASHI KAZUHIRO
Filing Date	:NA	5)MAEKAWA YOUHEI
(62) Divisional to Application Number	:NA	6)NUMAYAMA KATSUTO
Filing Date	:NA	

#### (57) Abstract :

A laser projection method, a laser projection apparatus, and a machining method, wherein the laser projection method comprises: a first step of irradiating, from a laser projection unit (9), a workpiece (26) that is a measurement object, with a laser (1) while controlling a plurality of mirror angles (109a); a second step of imaging the workpiece (26) with a stereo camera (8), extracting a contour (24a, 24b, 24c) of the workpiece (26), and calculating a threedimensional coordinate (108a); a third step of calculating a positional relationship between the laser projection unit (9) and the workpiece (26) by comparing the three-dimensional coordinate (108a) of the workpiece contour (24a, 24b, 24c) calculated in the second step with the mirror angle (109a); and a fourth step of performing coordinate transformation of CAD data information and drawing CAD data (22) from the laser projection unit (9) to the workpiece (26), based on the positional relationship between the laser projection unit (9) and the workpiece (26) calculated in the third step. Moreover, the machining method of the present invention comprises: a first step of selecting a component of a tool (335, 336, 337, 338, 339); a second step of assembling the component selected in the first step; a third step of imaging the tool (335, 336, 337, 338, 339) assembled in the second step; and a fourth step of determining, by collating a collation image, which is prepared in advance from an image of a tool (335, 336, 337, 338, 339) having a correct component correctly assembled therein, with an image captured after assembly in the third step, whether or not a desired tool (335, 336, 337, 338, 339) has been assembled.

No. of Pages : 62 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :06/12/2013

## (54) Title of the invention : METHOD FOR DATA TRANSMISSION AMONG ECUS AND/OR MEASURING DEVICES

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:12196331.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:10/12/2012	Address of Applicant : POSTFACH 30 02 20, 70442
(33) Name of priority country	:EUROPEAN	STUTTGART, GERMANY
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)ROETTGER, KAI
Filing Date	:NA	2)LEUER, HERBERT
(87) International Publication No	: NA	3)WOLLENHAUPT, THOMAS
(61) Patent of Addition to Application Number	:NA	4)BAYER, THOMAS
Filing Date	:NA	5)BRUNE, ANDREAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present subject matter refers to a method for data transmission among electronic control units, referred to hereinafter as ECUs, andlor measuring devices in the realm of 5 motor vehicles. In order to provide a method for data transmission enabling an accelerat& .% ; data transmission, in particular fast (low) event cycle times, a low jitter and a high datsipb throughput, it is suggested that the architecture of the data transmission is split up into a control plane implemented in software operating on configuration, calibration and/or diagnostics, referred to hereinafter as CD, data and a data plane implemented in hardware 10 transporting measurement, referred to hereinafter as M, data andlor prototyping, referred to hereinafter as RP, data. Application Node 9 I E & Z i L e r I streaming (s) Simulation Node -Measurement (high bandwidth) -Prototyping (low latency)

No. of Pages : 26 No. of Claims : 10

## (19) INDIA

(22) Date of filing of Application :09/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : OPTICAL LESION ASSESSMENT		
(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/716,517	1)BIOSENSE WEBSTER (ISRAEL) LTD.
(32) Priority Date	:17/12/2012	Address of Applicant :4 HATNUFAH STREET P.O. BOX
(33) Name of priority country	:U.S.A.	275, YOKNEAM 20692, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASSAF GOVARI
(87) International Publication No	: NA	2)CHRISTOPHER THOMAS BEECKLER
(61) Patent of Addition to Application Number	:NA	3)ATHANASSIOS PAPAIOANNOU
Filing Date	:NA	4)VADIM GLINER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Medical apparatus includes a probe, having a distal segment configured for insertion into a body of a patient. The probe includes at least one optical sensing unit, which is disposed along the distal segment and includes first and second radiation sources, configured to emit optical radiation in different, respective, first and second wavelength bands toward tissue in the body in proximity to the distal segment. An optical sensor is configured to receive the optical radiation in the first and second wavelength bands that is scattered from the tissue and to output first and second electrical signals responsively to an intensity of the received optical radiation.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION	(21) Application No.3352/DEL/2013 A
(19) INDIA	
(22) Date of filing of Application :14/11/2013	(43) Publication Date : 27/02/2015
(54) Title of the invention : METHOD FOR ESTIMATING A FR TO/FROM AN AC MACHINE	EQUENCY OF A HARMONIC IN AN AC CURRENT PASSING

<ul> <li>(51) International classification</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>	:1220734.6 :19/11/2012 :U.K.	<ul> <li>(71)Name of Applicant :</li> <li>1)OPTIMIZED SYSTEMS AND SOLUTIONS LIMITED Address of Applicant :MOOR LANE, DERBY, DE24 8BJ, UNITED KINGDOM U.K.</li> <li>(72)Name of Inventor :</li> <li>1)DONGFENG SHI</li> </ul>
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#### (57) Abstract :

A method for estimating a frequency of a harmonic in an AC current passing to/from 5 an AC machine. The method includes observing an AC current passing to/from an AC machine that includes a stator and a rotor; measuring phase fluctuations in the observed AC current; and using the measured phase fluctuations to estimate a frequency of a harmonic in the AC current. The method includes using the estimated frequency of the harmonic in the observed AC current to estimate a speed of the 10 rotor of the AC machine. The method may be implemented by a controller, which may include a PC and/or a DSP.

No. of Pages : 36 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING COMPONENTS IN A PRODUCTION LINE (51) International classification :G06F (71)Name of Applicant : 1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT (31) Priority Document No :102012112011.0 Address of Applicant : PORSCHEPLATZ 1, 70435 (32) Priority Date :10/12/2012 (33) Name of priority country STUTTGART. GERMANY :Germany (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)TEGTMEIER, ANDRE** (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a method for identifying at least one object to be processed at processing stations (10) of a processing system (I), in which, for the at least one object, a status which is currently assigned to this object is 1 o stored in such a way that it can be retrieved electronically if the at least one object is to be removed from the processing system (I), wherein the status is determined depending on the processing station (10) which the at least one object has passed through until then. In addition, the 15 present invention relates to a corresponding system.

No. of Pages : 22 No. of Claims : 19

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : DEVICE FOR RETAINING AND STORING OF LIQUID MEDIA, IN PARTICULAR MEDICATIONS AND METHOD FOR EXPELLING OF LIQUID MEDIA

(51) International classification	:A61M :10 2012	(71)Name of Applicant : 1)Schott AG
(31) Priority Document No	024 371.5	Address of Applicant :Hattenbergstrae 10, 55122 Mainz (DE)
(32) Priority Date	:13/12/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)OHLINGER, Axel
Filing Date	:NA	2)LANGSDORF, Andreas
(87) International Publication No	: NA	3)HENZE, Inka
(61) Patent of Addition to Application Number	:NA	4)BEIER, Wolfram
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The invention relates to a device for retaining and storing of liquid media, in particular medications having a syringe body (10), comprising a retention and/or storage container (20), consisting in particular of a glass material for liquid media, in particular medications, having a closure element (30) in particular consisting of a rubber elastic material, as well as at least one needle (200). The invention is characterized in that the retention and/or storage container is in the embodiment of a vial having a solid bottom and the device comprises a pushing- in particular a thrusting device to move the retention and/or storage container in substantially axial direction in the syringe body, wherein the pushing-, in particular the thrusting device acts upon solid bottom.

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

#### (19) INDIA

(22) Date of filing of Application :09/12/2013

#### (54) Title of the invention : CONSTRUCTION MACHINE WITH SETUP ASSISTANCE SYSTEM FOR A SENSOR UNIT

:A61M	(71)Name of Applicant :
:12 008	1)Joseph Vgele AG
348.0	Address of Applicant : Joseph-Vgele-Str. 1, 67067
:14/12/2012	Ludwigshafen/Rhein, Germany.
:EPO	(72)Name of Inventor :
:NA	1)Martin BUSCHMANN
:NA	2)Achim EUL
: NA	3)Jens HERRMANN
:NA	
:NA	
:NA	
:NA	
	:12 008 348.0 :14/12/2012 :EPO :NA :NA :NA :NA :NA :NA

#### (57) Abstract :

The present invention refers to a construction machine 1 comprising at least one sensor unit 2 which has a measurement range 8. The sensor unit 2 is variable in its orientation relative to the construction machine 1, whereby position or orientation of the measurement range 8 relative to the construction machine 1 is also variable. The sensor unit 2 is configured for detecting the position of an external reference 3. The construction machine 1 further comprises a setup assistance system 10 for the sensor unit 2, the setup assistance system 10 including a display 4 which is configured to indicate to an operator while the sensor unit 2 is oriented relative to the reference 3 in which direction the sensor unit 2 has to be moved in order for the reference 3 to be located in the measurement range 8 of the sensor unit 2. The construction machine 1 according to the invention is characterized in that the sensor unit 2 is configured to detect a position of the reference 3 relative to the sensor unit 2 in at least two dimensions, and that the display 4 is configured to display the position of the reference 3 relative to the measurement range 8 of the sensor unit 2 for the at least two detected dimensions simultaneously.

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

#### (19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:C08J	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)Nishikawa Rubber Co., Ltd.
(51) Thomy Document No	244775	Address of Applicant :2-8, Misasa-machi, 2-chome, Nishi-ku,
(32) Priority Date	:06/11/2012	Hiroshima-shi, Hiroshima-ken 733-8510 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KIJIMA, Michio
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : FOAM RUBBER MATERIAL FOR WEATHER STRIP

(57) Abstract :

The present invention relates to a foam rubber material for a weather strip comprising a crosslinked rubber sponge material having a load value ratio satisfying the following relationship: load value ratio (%) = B/A100=50, wherein A is a load value at 50% compression in the course of compression deformation, and B is a load value at 50% compression in the course of returning from the deformation.

No. of Pages : 32 No. of Claims : 6

#### (19) INDIA

(22) Date of filing of Application :10/12/2013

#### (54) Title of the invention : REAR STRUCTURE FOR SADDLE-RIDE TYPE VEHICLES (51) International classification :B60Q (71)Name of Applicant : 1)HONDA MOTOR CO., LTD. :2013-(31) Priority Document No Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, 039338 :28/02/2013 MINATO-KU, TOKYO 107-8556 JAPAN (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan **1)YOSUKE TSUCHIYA** (86) International Application No :NA Filing Date :NA 2)JUN TANAKA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA

:NA

#### (57) Abstract :

Filing Date

To provide a rear structure for a saddle-ride type vehicle I that serves to conform to the regulation concerning taillights by making the taillight invisible from the front part of the vehicle. [Solution] In a rear structure for a motorcycle 10 having a taillight 51 exposed from the upper face of a rear center cover 52 in the I rear part of the body, the rear center cover 52 is provided with I side walls 52b erecting ahead of the taillight 51. Side walls 52b enable the taillight 51 to be invisible from the front part of the vehicle while ensuring its visibility from behind and sides of the vehicle.

No. of Pages : 33 No. of Claims : 6

#### (19) INDIA

(22) Date of filing of Application :10/12/2013

#### (54) Title of the invention : REAR BODY COVER STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B62J	(71)Name of Applicant :
(31) Priority Document No	:2013- 039339	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/02/2013	MINATO-KU, TOKYO 107-8556 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSUKE MATSUOKA
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 :

To provide a rear body cover structure for a saddle-ride type vehicle that can improve the comfort of a passengers legs while increasing the design freedom. [Solution] In a rear body cover structure for a motorcycle 10 provided with a passengers seat 17B arranged behind a riders seat 17A and a passengers step 68 as a passengers foot rest for a passenger seated on the passengers seat 17B to rest his or her feet on and further provided with rear side covers 47 arranged underneath the passenger s seat 17B and above the passengers step 68 in a side view and on whose surface a front side ridge line 47g and a rear side ridge line 47j are formed, the ridge lines are configured of a plurality each of front side ridge lines 47g and of rear side ridge lines 47j not continuous between the front part and the rear part of the rear side covers 47. I

No. of Pages : 29 No. of Claims : 5

(22) Date of filing of Application :10/12/2013

(54) Title of the invention : BODY FRAME FOR SADDLE-RIDE TYPE VEHICLE			
(51) International classification	:B60G	(71)Name of Applicant :	
(31) Priority Document No	:2013- 037025	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,	
(32) Priority Date	:27/02/2013	MINATO-KU, TOKYO 107-8556 JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)TOMOYASU SATO	
Filing Date	:NA	2)HIROSHI TAKENAKA	
(87) International Publication No	: NA	3)YASUFUMI YOKURA	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

#### (57) Abstract :

To provide a technique of increasing bearing capacity of a cross member against load from a rear suspension unit, without increasing the size of the cross member. [Solution] A body frame 11 includes a pair of left and right frames llOL, llOR, and a cross member 53 interconnecting the pair of left and right frames llOL, llOR. One end of a rear suspension 61 is coupled to a suspension support portion 64 of the cross member 53. The cross member 53 is composed of a non-circular pipe having a major axis 126 equivalent to a diameter Dl and a minor axis 125 shorter than the major axis 126 and equivalent to a diameter D2 in the cross section. When a line passing through the minor axis 125 is defined as a minor diameter axis 121 and a line extending perpendicular to the minor diameter axis 121 is defined as a major diameter axis 122, an axis A of the rear suspension intersects with the minor diameter axis 121 of the cross member.

No. of Pages : 46 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :27/11/2013

(51) International classification	:B62J	(71)Name of Applicant :
(31) Priority Document No	:2013- 039105	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/02/2013	MINATO-KU, TOKYO 107-8556 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)JUN SUZUKI
Filing Date	:NA	2)MAKOTO ISHIZUKA
(87) International Publication No	: NA	3)KOTA OGURA
(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 : LIGHTING DEVICE FOR SADDLE-RIDE TYPE VEHICLE

(57) Abstract :

To provide a lighting device for a saddle-ride type vehicle which improves the visibility of a center 5 light source from behind. [Solving Means] A lighting device 12 for a motorcycle 10 includes: a first light source 30; second light sources 32L, 32R for turn-signal lamps arranged respectively on the left and right of the first light source 30; a reflect 34 10 configured to reflect light from the first light source 30; and a colored inner lens 14 configured to cover the first light source 30 and part of the reflector 34. In the lighting device 12, the reflector 34 has a first reflector portion 36 configured to reflect light from the first light 15 source 30 outward and outside-light reflecting portions 40 configured not to reflect the light, and the inner lens 14 is formed in such a manner as to face a portion 44 of each of the outside-light reflecting portions 40 and extend toward outer sides of a vehicle body of the saddle-ride 20 type vehicle 10 to positions above and below each of the second light sources 32L, 32R.

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

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SURGICAL CONSTRUCTS AND METHODS FOR SECURING TISSUE (51) International classification :A61B (71)Name of Applicant : 1) DEPUY MITEK, LLC. (31) Priority Document No :13/728,044 (32) Priority Date Address of Applicant :325 PARAMOUNT DRIVE, :27/12/2012 RAYNHAM, MA 02767, U.S.A. U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)MEHMET Z. SENGUN (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 :

Suture constructs and methods are provided for securing soft tissue to bone. One exemplary embodiment of a construct includes a first limb, a second limb, a coaxial region, and a collapsible snare defined by the first and second limbs. The coaxial region can be formed by a portion of the second limb being disposed in a volume of the first limb, which allows for a low profile construct that is useful in various soft tissue repair procedures. The construct can be configured to be disposed in tissue to draw the tissue toward bone, and the coaxial region can be deconstructed so that the first and second limbs can be used to help secure the desired location of the tissue with respect to the bone. Various features of the construct and methods for using the same in a surgical procedure are also provided.

No. of Pages : 23 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : MULTI-PIECE ANCHOR INSERTER			
(51) International classification	:A61B	(71)Name of Applicant :	
(31) Priority Document No	:13/728,181	1)DEPUY MITEK, LLC	
(32) Priority Date	:27/12/2012	Address of Applicant :325 PARAMOUNT DRIVE,	
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767, USA U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)MEHMET Z. SENGUN	
(87) International Publication No	: NA	2)JOSEPH HERNANDEZ	
(61) Patent of Addition to Application Number	:NA	<b>3)GEROME MILLER</b>	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Various devices, systems; and methods are provided for securing soft tissue to bone. In one exemplary embodiment, a two-piece inserter tool is provided that includes a tip portion that is configured to be removably coupled to a handle portion. A distal portion of the tip portion can be configured to be coupled to a suture anchor, and the tip portion and the anchor can be passed through a continuous suture loop prior to mating the tip portion to the handle portion.

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

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : UNIDIRECTIONAL CATHETER CONTROL HANDLE WITH TENSIONING CONTROL (51) International classification :A61M (71)Name of Applicant : (31) Priority Document No 1)BIOSENSE WEBSTER (ISRAEL) LTD. :13/736,020 (32) Priority Date Address of Applicant :4 HATNUFAH STREET, P.O. BOX :07/01/2013 (33) Name of priority country 275. YOKNEAM 20692. ISRAEL :U.S.A. (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)DEBBY GRUNEWALD** (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 catheter includes a tip electrode with a shell and a support member to provide a plenum chamber. 5 The plug is formed with a Ushaped passage for a safety line to wrap around and secure the support member (with the shell affixed thereto) to the catheter. Additional passages are formed in the plug to accommodate components such as irrigation tubing, lead wire and thermocouple wire pair. A method of manufacture provides distal installation andlor anchoring of the safety line, lead wire and thermocouple wire pair in the support member prior to sealing the support member and 10 mounting the shell.

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

(22) Date of filing of Application :18/11/2013

## (43) Publication Date : 27/02/2015

(54) Title of the invention : ELETRICAL JUNCTION BOX			
(51) International classification	:H05K	(71)Name of Applicant :	
(31) Priority Document No	:2013- 006761	1)SUMITOMO WIRING SYSTEMS, LTD. Address of Applicant :1-14 NISHISUCHIRO-CHO,	
(32) Priority Date	:17/01/2013	YOKKAICHI, MIE 510-8503, JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)WENJIE SHI	
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 :

Provided is an electrical junction box in which a printed circuit board is accommodated in a case so as to configure an internal circuit, the electrical 5 junction box having a new structure that can achieve downsizing/densification of the electrical junction box by configuring the internal circuit with a high space efficiency and simplifying routing of electric cables of connectors. As the internal circuit, a printed circuit board stack is used in which a first printed circuit board and a second printed circuit board are arranged so as to face each other. A power 10 supply input connector that is to be mounted to a front wall-side connector mounting portion provided on a front wall of a case is connectable to the first printed circuit board, whereas an output connector that is to be mounted to a rear wall-side connector mounting portion provided on a rear wall of the case is connectable to the second printed circuit board.

No. of Pages : 30 No. of Claims : 4

#### (19) INDIA

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : WATER HEATER AND PRESSURE PROBE FOR A WATER HEATER

(51) International classification	:F24H	(71)Name of Applicant :
(31) Priority Document No	:13/680,856	1)A. O. SMITH CORPORATION
(32) Priority Date	:19/11/2012	Address of Applicant :11270 WEST PARK PLACE
(33) Name of priority country	:U.S.A.	MILWAUKEE, WISCONSIN 53224 UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BRANECKY, BRIAN T.
(61) Patent of Addition to Application Number	:NA	2)FITZERALD, JANICE ARLINE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure probe assembly for attachment to a venturi of a gas-fired appliance, where the venturi includes a body having an inlet end, an outlet end, and a wall defining a mixing chamber extending from the inlet end to the outlet end about an axis. A support member is detachably coupled to the mixing chamber. A first pressure probe is coupled to the support member and has a first pressure tap disposed substantially adjacent the axis. A second pressure probe is coupled to the support member and has a second pressure tap disposed substantially adjacent the mixing chamber wall. Also disclosed is a gas-fired appliance, such as a water heater, including the pressure probe assembly.

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

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : STAPLER

:B25C	(71)Name of Applicant :
:2012-	1)MAX CO., LTD.
	Address of Applicant :6-6, NIHONBASHI HAKOZAKI-
:12/12/2012	CHO, CHUO-KU, TOKYO 103-8502, JAPAN
:Japan	(72)Name of Inventor :
:NA	1)YUTAKA KATO
:NA	2)SUGURU MIWA
: NA	
:NA	
:NA	
:NA	
:NA	
	:2012- 271444 :12/12/2012 :Japan :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract :

A stapler (1) includes a penetrating part (2) including a pair of cutting blades (2 1) to form holes in a workpiece (P) and to cause leg portions (10i) of a staple (10) to penetrate the workpiece (P), an operating member (9), and a bending part (5) configured to bend the leg 5 portions (10i). The bending part (5) includes a bending member (50R, 50L, 50s) configured to bend the leg portions (10i) of the staple (lo), and a driving force transmitting section (5 1, 57, 58) configured to transmit an operation of the operating member (9) to the bending member (50R, 50L, 50s). I I

No. of Pages : 145 No. of Claims : 5

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

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR INSPECTING STRUCTURES FORMED OF COMPOSITE MATERIALS DURING THE FABRICATION 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> </ul>	:13/727,196 :26/12/2012 :U.S.A.	
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract :

A polypropylene resin composition includes 1 to 30 wt% of homopolypropylene having a melt index of 2 to 6 9/10 5 min at 230°C and 2.16 kg, and an isotacticity index of 97% or more, 1 to 40 wt% of homopolypropylene having a melt index of 16 to 22 9/10 min at 230°C and 2.16 kg, and an isotacticity index of 96% or more, and 20 to 40 wt% of a glass fiber having an excellent rigidity supplementation 10 effect as an inorganic filler for improving heat resistance, mechanical properties, and 1 to 10 wt% of denatured polypropylene as a compatibilizer maximizes compatibility of the polypropylene resin and the glass fiber, based on a total weight of the composition. The composition has 15 excellent rigidity, short-term heat resistance, long-term heat resistance, and fusion strength, at a reduced weight and production cost.

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

#### (19) INDIA

(22) Date of filing of Application :05/12/2013

#### (54) Title of the invention : COMBUSTION CHAMBER STRUCTURE OF 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> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:F02B :2013- 047041 :08/03/2013 :Japan :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUKUI, Daisuke</li> <li>2)NINOMIYA, Yoshinari</li> </ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An intake valve port, an exhaust valve port, and an ignition plug mounting port are disposed at three sides at an inner surface of a main combustion chamber. A squish area is provided at an opposite side of an ignition plug sandwiching a flat surface including two axes of an intake valve axis line and an exhaust valve axis line. A squish edge having an obtuse angle shape is projectingly provided toward inside of a cylinder at the squish area.

No. of Pages : 30 No. of Claims : 6

(22) Date of filing of Application :07/02/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : METHOD, MECHANISM AND APPARATUS FOR MOMENTARY COMPRESSION OF FILTER MATERIAL

(51) International classification	:A24D	(71)Name of Applicant :
(31) Priority Document No	:P.402777	1)INTERNATIONAL TOBACCO MACHINERY POLAND
(32) Priority Date	:15/02/2013	SP. Z O. O.
(33) Name of priority country	:Poland	Address of Applicant :UL. WARSZTATOWA 19 A, 26-600
(86) International Application No	:NA	RADOM, POLAND
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LISOWSKI, ANDRZEJ
(61) Patent of Addition to Application Number	:NA	2)MAMERSKI, MARCIN
Filing Date	:NA	3)STANIKOWSKI, ROBERT
(62) Divisional to Application Number	:NA	4)WIECASZEK, GRZEGORZ
Filing Date	:NA	

#### (57) Abstract :

A mechanism for a momentary compression of a filter material used in the tobacco industry, wrapped into a wrapper and glued with an adhesive delivered from an adhesive applying apparatus, adapted to being placed on a machine for manufacturing filter rods before the adhesive applying apparatus is characterised in that it comprises at least one rotary compressing member (10) for pressing the filter material (S) linearly moving underneath it. A method of a momentary compression of a filter material used in the tobacco industry, wrapped into a wrapper and glued with an adhesive delivered from an adhesive applying apparatus on a machine for manufacturing filter rods is characterised in that before wrapping the filter material (S) into the wrapper (14) the filter material is compressed by exerting a force (F) on the filter material (S) by means of at least one rotary compressing member (10).

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

#### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : AIRBAG DEVICE		
(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:2012- 279359	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:21/12/2012	KU, HAMAMATSU-SHI, SHIZUOKA 432-8611, JAPAN
(33) Name of priority country	:Japan	2)ASHIMORI INSUTRY CO., LTD
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SEKINE AKIRA
(87) International Publication No	: NA	2)ATSUMI RYO
(61) Patent of Addition to Application Number	:NA	3)SEKINO TADAAKI
Filing Date	:NA	4)YAMASHITA SATOSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Po stabilize an I n f l a t e d airbag i n a condition of protruding from a vehicle member, without increasing the 1. number of p a r t s, An airbag device 1 is mounted on the vehicle member. Aninflator2 supplies gas into the airbag 10, andthe airbag 10 is inflated by the gas. The airbag 10 has a protective i n f l a t i n g portion 20, an attaching portion 11, and a plarality of supportive i n f l a t i n g portion 30, 31. The protective i n f l a t i n g p o r t i o n 20 protrudes from the vehicle member t o protect an occupant 90. The attaching portion 11 is formed i n a base end portion 22 of the protective i n f l a t i n g p o r t i o n 2 0, and the i n f l a t o r 2 is a t t a c h e d t h e r e t o. The p l u r a l i t y of supportive inflating portions 30, 31 protrudes from the protective inflating portion 20 t o t h e vehicle member side to support the i n f l a t e d protective i n f l a t i n g p o r t i o n 2 0 w i t h o n l y t h e b a s e e n d p o r t i o n 2 2 b e i n g i n contact with the vehicle member. The plurality of supportive i n f l a t i n g portion 30, 31 is formed on opposite sides of the attaching portion 11, or surrounding t h e attaching portion 11.

No. of Pages : 56 No. of Claims : 10

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:13/724,138	1)MAC VALVES, INC.
(32) Priority Date	:21/12/2012	Address of Applicant :30569 BECK ROAD WIXOM,
(33) Name of priority country	:U.S.A.	MICHIGAN 48393, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAMISON, MICHAEL
(87) International Publication No	: NA	2)SIMMONDS, JEFFREY
(61) Patent of Addition to Application Number	:NA	3)WILLIAMS, KEVIN C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (54) Title of the invention : MULTI-PORT MODULAR VALVE WITH SNAP-IN SEAT

(57) Abstract :

A solenoid operated modular valve includes a solenoid body having a coil and a pole piece positioned in the solenoid body. A valve body cartridge is connected to the solenoid body. A polymeric snap-in seat assembly includes first and second deflectable claw arms each having a barb engaging the valve body cartridge retaining the snap-in seat assembly in direct contact with the valve body cartridge. A seat engagement face when contacted by a valve seal member defines a valve closed position, and is displaced away from the seat engagement face in a valve open position when the coil is energized. A valve body cartridge body end portion includes a barb engagement face having pitched contact edges each having a continuous pitch directly contacted by the barb of the first and second deflectable claw arms to rotatably and frictionally lock the snap-in seat assembly to the valve body cartridge.

No. of Pages : 39 No. of Claims : 24

#### (19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 27/02/2015

(J4) The of the invention . Through COVERING	ESURIACE	
(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:13/906,772	1)TAMA PLASTIC INDUSTRY
(32) Priority Date	:31/05/2013	Address of Applicant :KIBBUTZ MISHMAR HA'EMEK
(33) Name of priority country	:U.S.A.	19236 ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARCHOL, ITMAR
(87) International Publication No	: NA	2)LIOR, TASAFRIR
(61) Patent of Addition to Application Number	:NA	3)COSTA, YARI
Filing Date	:NA	4)INBAR, MATAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : HINGED COVERING FOR ADHESIVE SURFACE

(57) Abstract :

A wrapping material is provided comprising a plurality of wrapping units, each said wrapping unit having a leading edge at one of thereof and a tail edge at an opposing edge thereof, where each one of said plurality of wrapping units is serially connected to at least one other of said plurality of wrapping units at the corresponding leading edge, tail edge, or both. In a further embodiment, discrete adhesive areas are disposed on the first surface of said plurality of wrapping units. In a still further embodiment, the discrete adhesive areas are covered by a protective cover, wherein the protective cover is attached to the first surface of the next said serially connected wrapping unit.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SLIP-CONTROLLED HYDRAULIC VEHICLE BRAKE SYSTEM (51) International classification :B60T (71)Name of Applicant : (31) Priority Document No :102012223091.2 **1)ROBERT BOSCH GMBH** (32) Priority Date :13/12/2012 Address of Applicant : POSTFACH 30 02 20, 70442 (33) Name of priority country STUTTGART. GERMANY :Germany (72)Name of Inventor: (86) International Application No :NAFiling Date :NA **1)HEYER, KLAUS** (87) International Publication No : NA 2)WILLMANN, KARL-HEINZ (61) Patent of Addition to Application Number :NA **3)PITTEROFF, ROLAND** Filing Date :NA 4)BAUER, URS (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

To simplify a construction of a slip-controlled hydraulic vehicle brake system (I), the present subject matter proposes to connect a wheel brake (5) by only one wheel valve (4) and 5 another wheel brake (7) only by a throttle (8). For reducing a brake pressure, a hydraulic I accumulator (1 1) is connected via a brake pressure reduction valve (10). A wheel brake (5) is directly connected to a pressure side of a hydraulic pump (1 3).

No. of Pages : 11 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SLIP-CONTROLLED HYDRAULIC VEHICLE BRAKE SYSTEM (51) International classification :B60T (71)Name of Applicant : (31) Priority Document No :102012223095.5 **1)ROBERT BOSCH GMBH** (32) Priority Date :13/12/2012 Address of Applicant : POSTFACH 30 02 20, 70442 (33) Name of priority country STUTTGART. GERMANY :Germany (72)Name of Inventor: (86) International Application No :NAFiling Date :NA **1)HEYER, KLAUS** (87) International Publication No : NA 2)WILLMANN, KARL-HEINZ (61) Patent of Addition to Application Number :NA **3)PITTEROFF, ROLAND** Filing Date :NA 4)BAUER, URS (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

To simplify a construction of a slip-controlled hydraulic vehicle brake system (I), the present subject matter proposes to connect a wheel brake (5) by only one wheel valve (4) and 5 another wheel brake (7) only by a throttle (8). For reducing a brake pressure, a hydraulic accumulator (1 1) is connected via a brake pressure reduction valve (1 0). A wheel brake (5) is directly connected to a discharge side of a hydraulic pump (1 3).

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

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:C07H	(71)Name of Applicant :
(31) Priority Document No	:1223309.4	1)Oxoid Limited
(32) Priority Date	:21/12/2012	Address of Applicant :Wade Road, Basingstoke, Hampshire
(33) Name of priority country	:U.K.	RG24 8PW (GB) U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOVILL, Richard
(87) International Publication No	: NA	2)HOWSE, Gemma
(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 : TRICLOSAN DERIVATIVES AND USES THEREOF

(57) Abstract :

A selective agent comprising a triclosan derivative for use in selective inhibition of non-target cells in a mixed population of target and non-target cells. Preferably the triclosan derivative is a glycoside derivative, more preferably a pyranoside derivative. Suitably a selective medium comprising said selective agent and methods of culturing cells using the selective agent are provided.

No. of Pages : 25 No. of Claims : 24

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CATHETER WITH MULTIPLE SPINES OF DIFFERENT LENGTHS ARRANGED IN ONE OR MORE DISTAL ASSEMBLIES

(51) International classification	:A61B	(71)Name of Applicant : 1)BIOSENSE WEBSTER (ISRAEL) LTD.
(31) Priority Document No	:13/736,794	Address of Applicant :4 HATNUFAH STREET, P.O. BOX
(32) Priority Date	:08/01/2013	275, YOKNEAM 20692, ISRAEL
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)NHUT DIEP
Filing Date	:NA	2)TOM ALLEN DITTER
(87) International Publication No	: NA	3)RAYMOND ESTRADA
(61) Patent of Addition to Application Number	:NA	4)KRISTINE FUIMAONO
Filing Date	:NA	5)DEBBY GRUNEWALD
(62) Divisional to Application Number	:NA	6)RYAN HOITINK
Filing Date	:NA	7)EDUARDO JIMENEZ
-		8)ARMIDA MARNRIQUZ

(57) Abstract :

A catheter having a distal assembly with multiple spines with proximal ends affixed to the catheter and free distal ends. The spines have different lengths so distal ends of the spines trace different circumferences along an inner tissue surface of a tubular region to minimize risk of vein 5 stenosis. The spine lengths can be configured so that the distal ends trace a helical pattern. The distal assembly may have a plunger which deflects the spines when moved longitudinally relative to the distal assembly. The catheter may include a second distal assembly distal of a first distal assembly wherein the first and second distal assemblies are separated by a fixed distanced .. P, or an adjustable distance.

No. of Pages : 57 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CATHETR SHEATH INTRODUCER WITH DIRECTIONAL RETENTION DAMPER

<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>(36) International Application No</li> <li>Filing Date</li> <li>(87) International Publication No</li> <li>(87) International Publication Number</li> <li>Filing Date</li> <li>(86) International to Application Number</li> <li>Filing Date</li> <li>(87) International to Application Number</li> <li>(87) International to Application N</li></ul>	<ul> <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>	:13/736,919 :08/01/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :4 HATNUFAH STREET, P.O. BOX 275, YOKNEAM 20692, ISRAEL (72) <b>Name of Inventor :</b>
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(57) Abstract :

A catheter sheath introducer comprises a hub and a tubular sheath having an inner lining 5 with one or more dampers to improve retention of medical devices received or passed through the sheath without significantly increasing the force required to advance the medical device through the sheath. The dampers are made of a friction inducing material, for example, rubber-based materials, and configured as fingers, bumps or flaps that are unidirectional by means of an asymmetrical shape relative to a longitudinal x i s of the she. a th. 10

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

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

# (54) Title of the invention : AUTOMOTIVE STRIPPER-TYPE COTTON HARVESTER BUILT AS AN INTEGRAL UNIT FOR COTTON HARVESTING, CLEANING AND CONDITIONING

<ul> <li>(51) International classification</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>	:A01D :20120104553 :04/12/2012 :Argentina :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INSTITUTO NACIONAL DE TECNOLOG A</li> <li>AGROPECUARIA <ul> <li>Address of Applicant :Rivadavia 1439 C1033AAE Ciudad de</li> </ul> </li> <li>Buenos Aires Argentina Argentina <ul> <li>(72)Name of Inventor :</li> </ul> </li> </ul>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)FEREZ N, Vctor Pedro 2)PILATTI, Orlando Francisco
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A cotton harvester designed as a unit or integrated cotton harvester, cleaning and conditioning equipment, comprising a harvesting head of the stripper type provided with a plurality of fingers with integrated cleaning devices acting over the entire width thereof, with capacity for continuously harvesting and accumulating harvested cotton in a storage chamber which acts as a regulator, with a feeder device associated with the storage chamber which alternately transfers the cotton from said chamber to a module builder. This module builder, of the fixed chamber type, is provided with rotating peripherals rollers, configuring a cylindrical enclosure receiving cotton in short cycles, forming modules or cylindrical bales. Said cylindrical modules, in the final phase of the filling cycle are centripetally compressed and coated with a knitted fabric or polymeric film and unloaded on to the ground

No. of Pages : 29 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : COATINGS FOR TURBINE PARTS		
(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:12198707.7	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:20/12/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)WIDMER, THOMAS
Filing Date	:NA	2)OLLIGES, SVEN
(87) International Publication No	: NA	3)STANKOWSKI, ALEXANDER
(61) Patent of Addition to Application Number	:NA	4)GRASSO, PIERO-DANIELE
Filing Date	:NA	5)MELAS, MAURO
(62) Divisional to Application Number	:NA	6)BAUMANN, THOMAS
Filing Date	:NA	

#### (57) Abstract :

Coatinas for Turbine Parts A method and a turbine part comprising a coating with a matrix layer comprising high temperature resistant hydrophobic polysiloxane filler, wherein the coating has superior mechanical strength and temperature resistance.

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

(19) INDIA

#### (22) Date of filing of Application :13/12/2013

#### (43) Publication Date : 27/02/2015

:H02H	(71)Name of Applicant :
:2012-	1)KABUSHIKI KAISHA TOSHIBA
273555	Address of Applicant :1-1, SHIBAURA 1-CHOME,
:14/12/2012	MINATO-KU, TOKYO 105-8001, JAPAN
:Japan	(72)Name of Inventor :
:NA	1)SHIRO MARUYAMA
:NA	2)MINORU SAITO
: NA	3)TADASHI KOSHIZUKA
:NA	4)TOMOHIKO MITANI
:NA	
:NA	
:NA	
	:2012- 273555 :14/12/2012 :Japan :NA :NA :NA :NA :NA :NA

#### (54) Title of the invention : EXCIATION INRUSH-CURRENT SUPPRESSION SYSTEM

(57) Abstract :

According to an embodiment, when a transformer that is connected to a first power supply through a first breaker as well as to a second power supply 5 through a second breaker is detected to be disconnected from the power supplies, a specific phase of the three phases of the first breaker is closed to suppress an excitation inrush current, based on calculated residual magnetic fluxes and a voltage of the first power supply, 10 and thereafter, the remaining two phases are closed. Based on the calculated residual magnetic fluxes and a voltage of the second power supply, a specific phase of the three phases of the second breaker is closed to suppress an excitation inrush current, and thereafter, 15 the remaining two phases are closed.

No. of Pages : 56 No. of Claims : 10

(22) Date of filing of Application :13/12/2013

#### (54) Title of the invention : MULTI-MODAL FLUID CONDITION SENSOR PLATFORM AND SYSTEM THEREFOR :F16H (71)Name of Applicant : (51) International classification :US 1)MASTLNC. (31) Priority Document No Address of Applicant :245, PARK AVENUE, 24TH FLOOR, 13/731647 :31/12/2012 NEW YORK, NY 10167 USA U.S.A. (32) Priority Date (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No :NA **1)VON HERZEN, BRIAN** Filing Date :NA 2)VAN FLEET, STEVEN (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 encompasses embodiments for multi-modal integrated simultaneous measurement of various aspects of fluids contained in circulating systems such as automotive reciprocating engines and vehicle transmissions. These circulating systems perform constant internal lubrication, and heat and contaminant removal to protect the internal moving parts from the inherent friction and damage in normal operation. Most commonly this is achieved with fluids based on hydrocarbon andlor related synthetics, which, over time, can lose their protective properties, and vary in their performance or breakdownldecay due to internal and external events. Several components within the lubricant fluid can be measured and can provide insight into the efficacy of the system to perform its designed mission. Described herein is a real-time, simultaneous, integrated, multi-modal sensor system for early warning notification.

No. of Pages : 26 No. of Claims : 21

#### (19) INDIA

(22) Date of filing of Application :13/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : INTAKE APPARATUS OF ENGINE		
(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:2012- 274308	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:17/12/2012	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SETOGUCHI, Hirotaka
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 :

fllere is provided an intake apparatus of an engine which is mounted in an engine room 01a vehicle. An EGR module is disposed at a side of an engine body of the engine. An air cluu11c.r case having an internal space which is partitioned by a filter into a dust chamber and a clean chamber is mounted in the engine. The air cleaner case is disposed above the EGR module. The air cleaner case has a lower case forming the dust chamber and an upper case fi,nning the clean chamber. The lower case has a first vertical wall part which is arranged at an opposite side to the engine in a right and left direction of the vehicle, the first vertical wall part extending downward so as to cover a side of the EGR module, and a second vertical wall part  $\chi$  Iliuh is arranged at a front side of the vehicle in a front and rear direction of the vehicle, the second vertical wall part extending downward so as to cover a front of the EGR module.

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

#### (19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BRAKE ASSEMBLY HAVING A BRAKE WING

<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>	:13/783455 :04/03/2013 :U.S.A.	MICHIGAN 48084, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LEBREE JONES
(87) International Publication No	: NA	2)PETER MOSS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A brake assembly for a vehicle. The brake assembly may have a brake wing that includes a panel, a first flange, and a second flange. The first and second flanges may extend from the panel such that the second flange extends from the first flange.

No. of Pages : 16 No. of Claims : 19

#### (21) Application No.3424/DEL/2013 A

### (19) INDIA

(22) Date of filing of Application :25/11/2013

(54) Title of the invention : 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 Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:H01R :1261434 :29/11/2012 :France :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)STAUBLI FAVERGES</li> <li>Address of Applicant :PLACE ROBERT STAUBLI, 74210</li> <li>FAVERGES, FRANCE</li> <li>(72)Name of Inventor :</li> <li>1)ALAIN-CHRISTOPHE TIBERGHIEN</li> <li>2)CHRISTOPHE DURIEUX</li> <li>3)SERAFIM MARQUES BARROCA</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</li> </ul>	:NA :NA : NA :NA	<ul><li>(72)Name of Inventor :</li><li>1)ALAIN-CHRISTOPHE TIBERGHIEN</li><li>2)CHRISTOPHE DURIEUX</li></ul>

(57) Abstract :

This fluidic connector, comprises a connecting element (100) and a mated connecting element (200), able to be coupled together according to a coupling axis (X-X, Y-Y). The connecting element (100) comprises a body (101) delimiting a fluid flow channel, a locking device suited for axially locking the 5 body (101) with a body (202) of the mated element and a sealing ring that can be displaced between a closed-off position of the flow channel, when the connector is in uncoupled configuration, and an open position wherein the fluid can flow in the connector. The sealing ring comprises a housing for receiving a coupling member (131) with the possibility of movement between a first position, wherein 10 the coupling member (131) axially attaches the body (101) of the connecting element (100) with the sealing ring in closed-off position, and a second position, wherein the coupling member (131) axially attaches the body (202) of the mated connecting element (200) with the sealing ring in open position. The connecting element (100) comprises a blocking member suited for blocking the 15 coupling member (131) in its first position and for cooperating with the body (202) of the mated connecting element (200), in order to authorise the passage of the coupling member (131) fi-om the first to the second position.

No. of Pages : 26 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : 2-MERCAPTO-5-METHYL-4-HEPTANONE AND ITS IN FLAVOR AND FRAGRANCE COMPOSTIONS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/737,987	1)INTERNATIONAL FLAVORS & FRAGRANCES INC.
(32) Priority Date	:17/12/2012	Address of Applicant :521 WEST 57TH STREET NEW
(33) Name of priority country	:U.S.A.	YORK, NEW YORK 10019, UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGYEMANG, DAVID O.
(61) Patent of Addition to Application Number	:NA	2)BARDSLEY, KATHRYN A.
Filing Date	:NA	3)CHEN, ZHEN
(62) Divisional to Application Number	:NA	4)JANCZUK, ADAM JAN
Filing Date	:NA	5)TRINNAMAN, LAURENCE

(57) Abstract :

The present invention IS directed to a novel compound, 2-mercapto- 5-methyl-4- heptanone, a process of augmenting, enhancing or imparting taste to a material selected from the group consisting of a foodstuff, a chewing gum, a medicinal product, and toothpaste comprising the step of incorporating an olfactory acceptable amount of 2-mercapto-5- methyl-4- heptanone, and a process of improving, enhancing or modifying a fragrance formulation through the addition of an olfactory acceptable amount of 2- mercapto-5- methyl-4-heptanone.

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

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : PRODUCTION AND PACKAGING SYSTEM AND METHOD FOR PRODUCING AND PACKING COMPACTS OF BIOLOGICAL MATERIAL

(51) International classification	:B65B	(71)Name of Applicant :
	:DE 10	1)KRONES AG
(31) Priority Document No	2012 112	Address of Applicant :BOEHMERWALDSTRAE 5 93073
	804.9	NEUTRAUBLING GERMANY
(32) Priority Date	:20/12/2012	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)PETER KNAPP
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A production and production and packing of compacts (5) of biological material (4) with a pressing apparatus (3) for pressing the biological material (4) to form the compacts (5) and with a packing apparatus (6) for packing the compacts (5), characterized in that the pressing apparatus (3) and the packing apparatus (6) are arranged combined in an interacting manner so as to form a block unit (2) in such a way that the packing apparatus (6) is capable of being fed substantially with compacts (5) by the pressing apparatus (3) in a substantially continuous manner.

No. of Pages : 28 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : POWER GENERATION CONTROL DEVICE			
(51) International classification	:H02M	(71)Name of Applicant :	
(31) Priority Document No	:2013- 074426	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,	
(32) Priority Date	:29/03/2013	MINATO-KU, TOKYO 107-8556 JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)KATSUHIRO OUCHI	
Filing Date	:NA	2)YUTAKA SONODA	
(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 :

To reduce an error in phase angle due to revolution fluctuation, in phase control of a generator. a5 [Solving Means] 3 power generation control device includes: a position sensor 42 configured to output a position detection signal Ts corresponding to a cycle of a predetermined phase of a generator 10; a regulator 20 including multiple rectifying elements and multiple 10 switching elements and being configured to certify threephase AC outputted from the generator 10 and supply DC power thus obtained to a battery 24; and a control circuit 32 configured to control a. . timing to output a drive signal for switching on and off each switching element of the 15 regulator 20 according to a cycle of the three-phase AC, based on a phase angle calculated on a basis of the position detection signal Ts. The control circuit 32 predicts, based on an output timing of the position detection signal Ts, a next output timing of the position 20 detection signal Ts, and controls the timiq3 to output the drive signal based on the predicted output timing.

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

#### (19) INDIA

(22) Date of filing of Application :05/12/2013

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:61/738900	1)STANLEY SECURITY SOLUTIONS, INC.
(32) Priority Date	:18/12/2012	Address of Applicant :6161 EAST 75TH STREET,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, INDIANA 46250, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAD A. HICKMAN
(87) International Publication No	: NA	2)ANTHONY TYNER
(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 : LOCK ASSEMBLY HAVING LOCK POSITION SENSOR

(57) Abstract :

A lock assembly includes an exterior lockset that includes an exterior operator handle. An interior lockset includes an interior operator assembly and a control electronics module. An outer spindle is operatively coupled to a latch assembly and is drivably coupled to the interior operator assembly. A locking mechanism is operatively coupled to a drive assembly, and includes a coupling mechanism and a locking spindle assembly. The coupling mechanism is configured to selectively couple the exterior operator handle to the outer spindle. The locking spindle assembly is configured to operate the coupling mechanism to transition fiom a locked condition to an unlocked condition by an actuation of the drive assembly. A lock position sensor is located in the interior lockset and is communicatively coupled to the control electronics module. The lock position sensor is configured to sense whether the coupling mechanism is in the locked condition or the unlocked condition.

No. of Pages : 34 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : VEHICLE COMPONENT			
<ul> <li>(54) Title of the invention : VEHICLE COMPO</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 Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> </ul> </li> </ul>	:H04N :102012112540.6 :18/12/2012 :Germany :NA :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)PEITZ, VOLKER</li> </ul>	
Filing Date	:NA		

(57) Abstract :

The invention relates to a vehicle component (3, ll), in particular for a motor vehicle body, having at least one line (6, 7, 12, 13, 14) which is integrated in the vehicle component (3, 11), wherein the vehicle component (3, 11) is formed from a fiber composite material and the at least one l o line (6, 7, 11, 12, 13) is integrated, in particular laminated, into the vehicle component (3, 11).

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

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:102012112520.1	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
(32) Priority Date	:18/12/2012	Address of Applicant : PORSCHEPLATZ 1, 70435
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GERBER, HARALD
(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 : EXTERIOR DOOR HANDLE SYSTEM IN A MOTOR VEHICLE

(57) Abstract :

Disclosed is an exterior door handle system (2) for motor vehicles, having a bearing bracket (11) arranged on an interior side (10) of an exterior door panel (1) and a door handle (12) arranged on an exterior side (9) of the exterior door panel (I), the door handle (12) penetrating the exterior 1 o door panel (1) and being mounted in the bearing bracket (11), a unit (19) formed from a lock barrel (20) and a housing (21) for the lock barrel (20) being mounted in the bearing bracket (11) and covered on the exterior side (9) of the exterior door panel (1) by a protective cap (24). A locking clip (30) is mounted. in the bearing bracket (11) is arranged on the interior side (10) of the exterior door panel (I), which locking clip (30) locks both the unit (19) and also the protective cap (24) counter to their respective mounting direction.

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

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : A SCROLL COMPRESSOR HAVING FIRST AND SECOND OLDHAM COUPLINGS

<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> </ul>	:F04C :12/62567 :21/12/2012 :France :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DANFOSS COMMERCIAL COMPRESSORS <ul> <li>Address of Applicant :ROUTE DEPARTEMENTALE 28 ZI</li> </ul> </li> <li>LIEUDIT LES COMMUNAUX REYRIEUX, 01600 TREVOUX</li> <li>FRANCE</li> <li>(72)Name of Inventor : <ul> <li>1)BONNEFOI, PATRICE</li> <li>2)ROSSON, YVES</li> <li>3)CLAUDIN, INGRID</li> </ul> </li> </ul>
(62) Divisional to Application Number	:NA :NA	-,,,

(57) Abstract :

This scroll compressor (2) comprises a first fixed scroll member (9), an orbiting scroll arrangement (10) including a first orbiting scroll member (1 1), a first Oldham coupling (27) provided between the first orbiting scroll member (1 1) and the first fixed scroll member (9) and configured to prevent rotation of the first orbiting scroll member (1 1) with respect to the first fixed scroll member (9), a fixed - element (7) apposite to the first fixed scroll member (9) with respect to the orbiting scroll arrangement (10), and a second Oldham coupling (28) provided between the orbiting - scroll arrangement (10) and the fixed element (7) and configured to prevent rotation of the orbiting scroll arrangement (10) with respect to the first fixed scroll member (10) with respect to the first fixed scroll member (10) with respect to the first fixed scroll member (9) along a first displacement direction, and the second Oldham coupling (28) is slidable with e\P respect to the fixed element along a second displacement direction transverse to the first 05 displacement direction.

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

#### (19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : WIPER SYSTEM		
(51) International classification	:B60S	(71)Name of Applicant :
(31) Priority Document No	:201210505331.1	1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA)
(32) Priority Date	:30/11/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No.26, Lixiang Road Middle, Economic
(86) International Application No	:NA	& Technical Development Zone, Changsha, Hunan 410100, P.R.
Filing Date	:NA	China
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ZIMMER, Joachim
Filing Date	:NA	2)SURESH, Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a wiper system for a vehicle comprising a pivot housing defining a shaft hole which extends in an axial direction, a pivot shaft for supporting a wiper arm of the wiper system being rotatably mounted in the shaft hole; and a fixed element configured to be fixed to a body of the vehicle; wherein the fixed element and the pivot housing are detachably coupled to each other by means of a releasable locking structure, the locking structure being in a locked state and thus the fixed element and the pivot housing being coupled together in normal use, and the locking structure being unlocked and thus the fixed element and the pivot housing being decoupled from each other so as to allow the pivot shaft to be moved towards the body of the vehicle when an axial load or an axial component of the load exceeding a certain predefined threshold value is applied to the pivot shaft.

No. of Pages : 22 No. of Claims : 12

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : DOUBLE BALL STUD ASSEMBLY AND WIPER SYSTEM COMPRISING THE SAME

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:201210505446.0	1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA)
(32) Priority Date	:30/11/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No.26, Lixiang Road Middle, Economic
(86) International Application No	:NA	& Technical Development Zone, Changsha, Hunan 410100, P.R.
Filing Date	:NA	China
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ZIMMER, Joachim
Filing Date	:NA	2)CHEN, Jinsong
(62) Divisional to Application Number	:NA	3)QI, You
Filing Date	:NA	4)CHEN, Sheng

#### (57) Abstract :

The invention provides a double ball stud assembly used in a vehicle wiper system, the double ball stud assembly comprising a first member made of a metal material and a second member made of a plastic material, the first member comprising a first connecting portion and a second connecting portion, the second connecting portion extending through a hole which is formed in the second member in an axial direction, and at least one of a first ball stud portion and a second ball stud portion being provided by the second member, wherein the first ball stud portion is configured to be connected with a first connecting rod of the wiper system, the second ball stud portion is configured to be connected with a second connecting rod of the wiper system, the first connecting portion is configured to be connected with a second connecting rod of the wiper system, the first connecting portion is configured to be connected with a second connecting rod of the wiper system, the first connecting portion is configured to be connected with a second connecting rod of the wiper system, the first connecting portion is configured to be connected with a second connecting rod of the wiper system, the first connecting portion is configured to be connected with a crank of the wiper system, and the first ball stud portion and the second ball stud portion are provided adjacent to or spaced from each other in the axial direction and are assembled together by the first connecting portion.

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

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

(34) The of the invention . FUEL INJECTION CONTROL DEVICE		
(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)Suzuki Motor Corporation
(51) Thomy Document No	287559	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/12/2012	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YANASE, Yuuichi
Filing Date	:NA	2)MIZUTA, Masahiro
(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 : FUEL INJECTION CONTROL DEVICE

#### (57) Abstract :

There is provided a fuel injection control device of an internal combustion engine applied to a vehicle. A catalyst is configured to purify exhaust gas of the internal combustion engine. A fuel stopping control unit is configured to stop fuel supply to the internal combustion engine during deceleration of the vehicle. A fuel stopping prohibition control unit is configure5 d to prohibit a fuel stopping control of the fuel stopping control unit when a temperature of the catalyst is equal to or higher than a third setting temperature. An acceleration switching determination unit is configured to determine whether acceleration of the vehicle is switched for a setting time period. A second fuel increase control unit is configured to, when the 10 temperature of the catalyst is equal to or higher than a second setting temperature which is lower than the third setting temperature and switching of acceleration is detected by the acceleration switching determination unit, increase a fuel injection amount into the internal combustion engine.

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

#### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CATHETE WITH COMBINED POSITION AND PRESSURE SENSING 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>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) International Publication No</li> <li>(37) International Publication No</li> <li>(37) International Publication Number</li> <li>(38) Filing Date</li> <li>(39) NA</li> <li>(31) Priority Country</li> <li>(31) Priority Country</li> <li>(31) Priority Country</li> <li>(32) Priority Date</li> <li>(31) Priority Country</li> <li>(32) Priority Date</li> <li>(33) Name of Priority Country</li> <li>(34) Priority Country</li> <li>(35) Priority Country</li> <li>(31) Priority Country</li> <li>(32) Priority Country</li> <li>(33) Name of Priority Country</li> <li>(34) Priority Country</li> <li>(35) Priority Country</li> <li>(36) Priority Country</li> <li>(37) Priority Country</li> <li>(38) Priority Country</li> <li>(39) Priority Country</li> <li>(31) Priority Country</li> <li>(31) Priority Country</li> <li>(32) Priority Country</li> <li>(33) Name of Priority Country</li> <li>(34) Priority Country</li> <li>(35) Priority Country</li> <li>(36) Priority Country</li> <li>(37) Priority Country</li> <li>(38) Priority Country</li> <li>(39) Priority Country</li> <li>(31) Priority Country</li> <li>(31)</li></ul>	<ul> <li>Address of Applicant :4 HATNUFAH STREET, P. O. BOX</li> <li>275, YOKNEAM 20692, ISRAEL</li> <li>(72)Name of Inventor : <ol> <li>JEFFREY L. CALRK</li> <li>MEIR BAR-TAL</li> <li>GEORGE KAMIN</li> <li>AVRAM MONTAG</li> </ol> </li> </ul>
(62) Divisional to Application Number :NA Filing Date :NA	5)MARK STANLEY

(57) Abstract :

A catheter is responsive to external and internal magnetic field generators for generating 5 position data of the catheter position and pressure data to determine pressured exerted on a distal end of the catheter when engaged with tissue,, with a reduced number of sensing coils and reduced number of sensing coil leads for minimizing lead breakage and failure. The catheter includes a distal section adapted for engagement with patient tissue, where the distal section has a proximal portion, a distal portion and a flexible joint with a resilient member adapted to allow axial 10 displacement and angular deflection between the proximal and distal portions of the distal section. The catheter may have three or less sensing coils with three or less leads, each transmitting signals between a respective sensing coil and the signal processor.

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

#### (19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:MI2012A002052	1)ENI S.P.A.
(32) Priority Date	:30/11/2012	Address of Applicant : PIAZZALE E. MATTEI, 1, 00144
(33) Name of priority country	:Italy	ROMA, ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIULIANA SCHIMPERNA
(87) International Publication No	: NA	2)GABRIELE BIANCHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : PROCESS FOR THE PREPARATION OF BENZODITHIPHENE COMPOUNDS

(57) Abstract :

Process for the preparation of a benzodithiophene compound which comprises reacting at least one monohalogenated dithiophene compound with at least one internal alkyne, in the presence of at least one catalyst containing palladium and of at least one cocatalyst containing copper in oxidation state +1. Said benzodithiophene compound, after suitable functionalization and polymerization, can be advantageously used in the construction of photovoltaic devices (or solar devices) such as, for example, photovoltaic cells (or solar cells), photovoltaic modules (or solar modules), on either rigid and flexible supports. Furthermore, said benzodithiophene compound can be advantageously used as a constituent unit of luminescent solar concentrators (LSCs). Said benzodithiophene compound can also be advantageously used as a precursor of monomeric units -in the preparation of semiconductor polymers.

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

#### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CATHETER WITH COOLING ON NONABLATING ELEMENT (51) International classification (71)Name of Applicant : :A61B 1)BIOSENSE WEBSTER (ISRAEL) LTD. (31) Priority Document No :13/732,297 (32) Priority Date Address of Applicant :4 HATNUFAH STREET, P. O. BOX :31/12/2012 (33) Name of priority country 275. YOKNEAM 20692. ISRAEL :U.S.A. (72)Name of Inventor : (86) International Application No :NA Filing Date :NA **1)JEFFREY L. CLARK** (87) International Publication No : NA 2)MICHAEL D. BANANDO (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A catheter tip electrode has a tissue contacting surface which electrically conducts RF energy to the tissue and is more thermally conductive than adjacent non-electrically conductive coating or cover which prevents W conduction to the tissue contacting that surface. The tip electrode has a shell with a nonablating hollow proximal neck portion and a distal ablating portion defining a fluid chamber, and a plug-like support member which is configured with a fluid channel 10 on its outer surface so a fluid passage is provided between the member and the neck portion for convective or direct cooling of the nonablating neck portion and nonconductive tubing covering it.

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

#### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SUTURE PASSER WITH EXPELLING MECHANISM (51) International classification :A61B (71)Name of Applicant : **1)DEPUY MITEK, LLC** (31) Priority Document No :13/731,912 Address of Applicant :325 Paramount Drive, Raynham, MA (32) Priority Date :31/12/2012 (33) Name of priority country 02767, USA U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)DAVID B. SPENCINER** (87) International Publication No : NA 2)JUSTIN M. PICCIRILLO (61) Patent of Addition to Application Number :NA **3)JEFFERY TOLONEN** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A suture passing mechanism is disclosed having an elongated delivery member and a suture capture fitting at a distal end of the delivery member. The suture capture fitting includes a recess for receiving a length of suture. The recess is bounded by a proximal wall and a lateral opening leads therein. An expeller at the recess is adapted to expel suture out of the recess through the lateral opening.

No. of Pages : 18 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : CONTENT ORCHESTRATION FOR ASSEMBLY FOR CUSTOMIZED CONTENT STREAMS

(51) Intermetional algoritization	COCE	(71)Nome of Applicant .
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/809,259	1)DISNEY ENTERPRISES, INC.
(32) Priority Date	:05/04/2013	Address of Applicant :500 S. BUENA VISTA STREET,
(33) Name of priority country	:U.S.A.	BURBANK, CA 91521 U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ELM, CHRISTOPHER
(87) International Publication No	: NA	2)KNITHT, TYLER
(61) Patent of Addition to Application Number	:NA	3)MARTIN, MICHAEL M
Filing Date	:NA	4)MICHEL, KENNETH J
(62) Divisional to Application Number	:NA	5)BOCTOR, MAGED
Filing Date	:NA	6)LOBERG, STUART

#### (57) Abstract :

There is provided a content orchestration system and a method for use by the content orchestration system to enable assembly of one or more customized content streams. In one implementation, such a content orchestration system includes a computing platform having a processor, and a content orchestration engine for execution by the processor. The content orchestration engine is configured to receive data describing multiple content sources capable of providing content for use in assembling a customized content stream. The content orchestration engine is also configured to identify customization guidelines corresponding to a destination of the customized content stream, and to determine instructions for assembling the customized content stream based on the data and the customization guidelines.

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

(19) INDIA

(22) Date of filing of Application :19/12/2013

#### (54) Title of the invention : ELECTRICAL CONNECTOR WITH AUTOMATIC ENGAGEMENT (71)Name of Applicant : (51) International classification :B23Q 1)STAUBLI FAVERGES (31) Priority Document No :13 50017 Address of Applicant :PLACE ROBERT STAUBLI, 74210 (32) Priority Date :02/01/2013 (33) Name of priority country :France FAVERGES. FRANCE (86) International Application No (72)Name of Inventor: :NA **1)ALAIN-CHRISTOPHE TIBERGHIEN** Filing Date :NA (87) International Publication No : NA 2)CHRISTOPHE DURIEUX (61) Patent of Addition to Application Number :NA **3)SERAFIM MARQUES BARROCA** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This electrical connector (R) comprises a first connection element (100) and a second connection element (200). The two connection elements (100, 200) are able to be coupled to one another according to a coupling axis and comprise at least one pin and at least one respective contact, a locking mechanism (104, 218) comprising at least one locking pin (104) arranged on a body of the first connection element (100) and at least one locking ring (216) mounted rotatingly around a body of the second connection element (200) and comprising a locking groove (218) with an outlet (236) and a locking notch (238), means for indexing making it possible to position the bodies in relation to one another around the coupling axis in an indexed configuration. The second connection element (200) comprises a safety ring (220) mounted axially mobile in relation to the locking ring (216) and comprising at least one safety catch (234). In addition, the safety ring (220) is able to be pushed back by the locking pin (104) during coupling between, a fust position, wherein the safety catch (234) blocks the passage of the pin towards the outlet (236), and a second position, wherein the safety catch (234) authorises the passage of the pin, with the safety ring (220) being drawn back elastically to- its first position. In addition, each locking groove (2 18) comprises at the fiont, a chamfer delimiting the outlet and the rotation range of the locking ring is limited. Finally, in the indexed configuration of the bodies, the axis of travel (X4-X4) of the pin (104) intersects the outlet (238) over the -- - entire the rotation range of the locking ring.

No. of Pages : 38 No. of Claims : 15

### (19) INDIA

(22) Date of filing of Application :06/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : PASSENGER CONVEYER				
(51) International classification	:B66B	(71)Name of Applicant :		
(31) Priority Document No	:2012- 270903	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,		
(32) Priority Date	:12/12/2012	CHIYODA-KU, TOKYO 100-8280, JAPAN		
(33) Name of priority country	:Japan	(72)Name of Inventor :		
(86) International Application No	:NA	1)MATSUMOTO TATSUYA		
Filing Date	:NA	2)MAEDA KEISUKE		
(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 passenger conveyer is provided which can reduce slidingly-contact noise and striking noise of the guide shoes 5 regulating the movement of the footboards in the left and right direction and which is inexpensive and superior in durability and comfort. The passenger conveyer includes a frame included in a building structure; two landing floors included in the frame; footboard chains including a plurality of opposing link 10 plates, rotation shafts included in the opposing link plates, rollers supported by the rotation shafts, and footboard shafts included in the rotation shafts, the footboard chains circularly moving between the landing floors; footboards attached to one side of the footboard chains by the footboard shafts; and guide 15 rails attached to the frame. The guide rails include roller guiding surfaces on which the rollers rotationally travel, and regulating portions protruding perpendicularly from the roller guiding surfaces. The footboard chains include guide shoes at positions overlapping the footboard shafts and in an opposite 20 side direction of the footboard chains to a direction in which the footboards are attached to the footboard chains, the guide shoes including slidingly-contact surfaces facing the regulating portions.

No. of Pages : 32 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :20/12/2013

#### (54) Title of the invention : INFRARED OPTICAL SENSOR INCORPORATING A TRANSMISSION MEASURING CELL (51) International classification :G01N (71)Name of Applicant : 1)CONTINENTAL AUTOMOTIVE FRANCE (31) Priority Document No :FR1350855 Address of Applicant :1, Avenue Paul Ourliac - 31100 (32) Priority Date :31/01/2013 :France Toulouse - FRANCE (33) Name of priority country 2)CONTINENTAL AUTOMOTIVE GmbH (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)RICHARD, HERV‰ (61) Patent of Addition to Application Number :NA 2)PIANU, ANTOINE Filing Date :NA

:NA

:NA

(57) Abstract :

Filing Date

The invention relates to an infrared optical sensor for the continuous analysis of a liquid flowing in a pipe. Said sensor comprises, in a housing (1), a central section of duct  $(2^{TM})$  through which the liquid to be analyzed flows, and a spectral analysis device using a light beam (30), comprising an infrared source (22) which emits a signal (30) which is received by a receiving device (28) having passed through the liquid, an optical component (9) which allows the light beam to pass through the liquid, and a support plate (13) which carries the infrared source and the receiving device. The liquid to be analyzed circulates through a loop (4) formed by walls in the form of an arch (52) of the optical component (9) and by a projection (60) of the housing (1) in said optical component. A sealing gasket (10) is compressed between the optical component and the housing, in order to prevent any diffusion of liquid on the interior of the housing (1).

No. of Pages : 20 No. of Claims : 12

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :20/12/2013

#### (54) Title of the invention : A METHOD FOR CONTROLLING SPEED OF A VARIABLE SPEED COMPRESSOR

(51) International classification	:F25D	(71)Name of Applicant :
(31) Priority Document No	:PA 2013	1)SECOP G.M.B.H.
	00011	Address of Applicant :MADS-CLAUSEN-STRASSE 7, D-
(32) Priority Date	:09/01/2013	24939 FLENSBURG, GERMANY
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:NA	1)SCHMIDT, CLAUS
Filing Date	:NA	2)GRIES, ULRICH
(87) International Publication No	: NA	3)GLASER, JURGEN EWALD
(61) Patent of Addition to Application Number	:NA	4)KARP, RALF
Filing Date	:NA	5)DORING MICHAEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for controlling speed of a variable speed compressor (1) forming part of a refrigeration system comprising a thermostat (5) including a temperature sensor (2) arranged inside a closed volume. In one aspect time, tactuale, lapsing from the refrigeration 5 system was switched to the ON state is measured and compared to a predetermined threshold value, tSetI.n the case that tact,,, reaches tSetth, e speed of the variable speed compressor (1) is increased by an amount, v,,-,,, where vsPed-,, is a predefined percentage of the initial spee d.,,v, In another aspect an initial compresso, r, s,,p,,eved, of the variable speed compressor (1) for a subsequent operating cycle of the refrigeration system is 10 determined on the basis of a ratio between Lnd and bet, and on the basis of

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : OIL BALANCING APPARATUS AND REFRIGERATION SYSTEM WITH OIL BALANCING APPARATUS

(51) International classification:F25B(31) Priority Document No:CN201(32) Priority Date:31/12/2(33) Name of priority country:China(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	II III III III III III III III III III
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(57) Abstract :

In oil balancing apparatus for compressors, the compressors include a first compressor and at least two second compressors. Suction pipes of the first compressor and the second compressors are connected in parallel to a suction main pipe, discharge pipes of the first compressor and the second compressors are connected in parallel to a discharge main pipe. The first compressor is in an operating state, and the second compressors are operated intermittently. The oil balancing apparatus includes: a first oil balancing pipe connecting oil sumps of the second compressors in series through, and a second oil balancing pipe connecting an oil sump of the first compressor to bottom of the first oil balancing pipe.

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :29/11/2013

#### (54) Title of the invention : ELEVATOR WITH ELECTRONIC SAFETY STSTEM

		(71)Name of Applicant :
(51) International classification	:G06F	1)HITACHI, LTD.
(31) Priority Document No	:2012-	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
	276360	CHIYODA-KU, TOKYO 100-8280, JAPAN
(32) Priority Date	:19/12/2012	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)HOSHINO TAKAMICHI
(86) International Application No	:NA	2)OMIYA AKIHIRO
Filing Date	:NA	3)IWAMOTO AKIRA
(87) International Publication No	: NA	4)TAKAYAMA NAOKI
(61) Patent of Addition to Application Number	:NA	5)MATSUMOTO KEIJI
Filing Date	:NA	6)YABUUCHI TATSUSHI
(62) Divisional to Application Number	:NA	7)INOUE SHINSUKE
Filing Date	:NA	8)NAYA HIDEMITSU
-		9)FUKATA HIRONORI

## (57) Abstract :

There is disclosed an elevator with an electronic safety system which dispenses with dedicated hardware, which is simple and has high availability, and in which software processing load is reduced. The elevator with an electronic safety system includes a rotary encoder that outputs pulse signals corresponding with movement of a car as encoder signals and an electronic safety controller having a first CPU and a second CPU to which the encoder signals are input respectively. The first and second CPUs compute speed and position data of the car and their computation results are compared with each other and, accordingly, the electronic safety controller decides whether abnormality occurs. Car speed and position data computed in multiple cycles are transferred between the first and second CPUs by serial communication and compared. If such data is beyond an allowable error range set beforehand, the electronic safety controller decides that abnormality occurs.

No. of Pages : 25 No. of Claims : 9

### (19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : TUBE HEAD EQUIPPED WITH A LID, ASSOCIATED WITH AN IMPROVED PERFORATING CAP WHICH ENSURES PROTECTION OF THE LID PRIOR TO FIRST USE THEREOF

<ul> <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>		<ul> <li>(71)Name of Applicant :</li> <li>1)ALBEA SERVICES</li> <li>Address of Applicant :1 AVENUE DU GENERAL DE</li> <li>GAULLE-ZAC DES BARBANNIERS-LE SIGNAC 92230</li> <li>GENNEVILLIERS, FRANCE</li> <li>(72)Name of Inventor :</li> <li>1)ERIC KERMAN</li> </ul>
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(57) Abstract :

. The present invention relates to an assembly comprising - a tube head (Ic)o mprising a lid, 10 - a cap (2) comprising a punch (22), - a spacing ring (3), the ring (3) being dimensioned in such a way as to keep the punch (22) spaced from the lid when the cap (2) is screwed onto the neck (1 I), 15 characterised in that the ring (3) and the cap (2) comprise lugs and recesses co-operating in such a way as to limit their rotation relative to one another in the direction of screwing of the cap (2) onto the neck (1 1).

No. of Pages : 16 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :24/12/2013

#### (54) Title of the invention : CONTROL METHOD OF A CONTROL SYSTEM AND A CONTROL SYSTEM

(51) International classification	:G06F	(71)Name of Applicant :
(21) Priority Document No	:2013-	1)SEIKO EPSON CORPORATION
(31) Priority Document No	016056	Address of Applicant :4-1, NISHI-SHINJUKU 2-CHOME,
(32) Priority Date	:30/01/2013	SHINJUKU-KU, TOKYO 163-0811, JAPAN,
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKASU, KAZUHIRO
Filing Date	:NA	2)TSUTSUMI, KOICHIRO
(87) International Publication No	: NA	3)IKEDA, SHIGEO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An application that runs on a browser of a terminal can appropriately control a device connected to a controller. In a POS systeml, anapplicationAPthatruns onabrowser of the tablet device 10 requests a controller 11 for control of a device connected to the c0ntroller11.Thecontroller11fromwhichdevicecontrolwasrequested establishes control of the device, and after the controller 11 establishes control of the device by the application AP through the controller 11.

No. of Pages : 62 No. of Claims : 19

#### (19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

(54) The of the invention. DETECTION OF ELE	CIROSIAIIC	TORCES
(51) International classification	:G01G	(71)Name of Applicant :
(31) Priority Document No	:13152156.9	1)METTLER-TOLDEO AG
(32) Priority Date	:22/01/2013	Address of Applicant :IM LANGACHER 44, CH-8606
(33) Name of priority country	:EPO	GREIFENSEE, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BUHLER 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	

### (54) Title of the invention : DETECTION OF ELECTROSTATIC FORCES

(57) Abstract :

The method serves to estimate the effect that electrostatic charges (5) on the weighing object (2) have on the weighing result of a balance (1). The balance (1) has a forcemeasuring cell (17) and a load receiver (6) on which to place the object (2) that is to be weighed. While a first 10 predefined positive voltage (U1) and a second predefined negative voltage (U2) are alternatingly applied to a first electrode (12) which is arranged in the vicinity of the weighing object (2), the forces acting on the force-measuring cell (17), respectively, during application of the first 15 voltage (U1) and during application of the second voltage (U2) are measured and the measurements are registered as the first measurement result (mbl, m,l) and the second measurement result (mb2, mc2). The difference (Amb, Amc) between the first measurement result (mbl, mcl) and the second measurement result 20 (mb2, mc2) represents the magnitude of the influence that the electrostatic charges (5) residing on the weighing object (2) are having on the weighing result. The difference (Amb, Am,) between the first measurement result (mbl, mcl) and the second measurement result (mb2, m,2) represents an essentially 25 proportional part of the force resulting from electrostatic charges (5) on the weighing object (2) which causes a change in the weighing result and is sent as a signal to a processor unit. 30

No. of Pages : 35 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :20/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : INSTRUMENT PANEL AND SUPPORT UNIT INTENDED FOR SAME

:G01D	(71)Name of Applicant :
:13 50 018-	1)SCANIA CV AB
6	Address of Applicant :SE-151 87 SODERTALJE, SWEDEN
:10/01/2013	(72)Name of Inventor :
:Sweden	1)ROBIN ISACSSON
:NA	2)RIKARD HALLGREN
:NA	3)THOMAS RIGNER
: NA	4)THOMAS SKEPPSTROM
:NA	
:NA	
:NA	
:NA	
	:13 50 018- 6 :10/01/2013 :Sweden :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

An instrument panel (10) for a motor vehicle comprising a support unit (50) arranged on the top of the instrument panel (10). The support unit (50) comprises a support surface (20) arranged so as to be secured to the instrument panel (10) by means of at least one support leg, which support surface (20) is made at least partly of transparent material.

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

#### (19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : RAILROAD CAR DRAFT GEAR ASSEMBLY AND RELATED METHOD FOR ASSEMBLING A RAILCAR DRAFT GEAR

	244	
(51) International classification	:B61G	(71)Name of Applicant :
(31) Priority Document No	:13/746,547	1)MINER ENTERPRISES, INC.
(32) Priority Date	:22/01/2013	Address of Applicant :1200 EAST STATE STREET, P.O.
(33) Name of priority country	:U.S.A.	BOX 471, GENEVA, ILLINOIS 60134, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DONALD E. WILT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A RAILCAR DRAFT GEAR ASSEMBLY INCLUDING A HOUSING, A SPRING SEA, A SPRING AND A I FRICTION CLUTCH ASSEMBLY IN OPERABLE COMBINATION RELATIVE TO EACH OTHER WITHIN THE T HOUSING. THE SPRING INCLUDES A SERIES OF AXIALLY STACKED ELASTOMERIC PADS ARRANGED I BETWEEN A CLOSED END OF THE HOUSING AND THE SPRING SEAT. AN AXIALLY ELONGATED GUIDE ROD IS ENDWISE PASSED THROUGH THE SPRING SEAT AND ELASTOMERIC PADS FOR ALIGNING THE PADS - RELATIVE TO A LONGITUDINAL AXIS OF THE DRAFT GEAR ASSEMBLY. THE GUIDE ROD IS OPERABLY I INHIBITED FROM AXIAL SHIFTING NOVEMENTS DURING OPERATION OF THE DRAFI GEAR ASSEMBLY. A RELATED METHOD FOR ASSEMBLING THE DRAFT GEAR IS ALSO DISCLOSED. 4

No. of Pages : 53 No. of Claims : 28

#### (19) INDIA

(22) Date of filing of Application :24/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : ROLLING CONTROL APPARATUS, ROLLING CONTROL METHOD AND ROLLING CONTROL **PROGRAM**`

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HITACHI, LTD.
(31) Thomy Document No	283248	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:26/12/2012	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KAYAMA MASAHIRO
Filing Date	:NA	2)HAYASHI GOSUKE
(87) International Publication No	: NA	3)KOBAYASHI TAKUYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

A rolling control apparatus, a rolling control method, and a rolling control program. A measurement result of a thickness on a delivery side of a roll pair (F7) arranged at a final stage of rolling order among a plurality of roll pairs (161 : F1 - F7) is obtained. A thickness on an entry side is calculated on the basis of the obtained delivery side thickness in accordance with a constant mass-flow rule. A calculation result of the entry side thickness of the roll pair is used as a thickness of a strip (157) which is fed out from the roll pair arranged just before and the same calculation is repeated, thereby calculating an entry side thickness of the roll pair (Fl) arranged at the head. An error between the calculated entry side thickness of the roll pair arranged at the head and an entry side thickness of the roll pair arranged at the head which is obtained by a different method is calculated. An error of a calculation result of the entry side thickness of each roll pair within a range from the roll pair (F2) arranged just after the roll pair (F1) arranged at the head of the rolling order among the plurality of roll pairs to the roll pair (F7) arranged at the final stage is compensated on the basis of the calculated error.

No. of Pages : 47 No. of Claims : 14

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HEMOSTASIS VALVE DEVICE

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:10-2013-	1)HUBIOMED CO., LTD
	0001201	Address of Applicant :301, HYUPSUNG B/D, 65,
(32) Priority Date	:04/01/2013	SEONGSUI-RO, SEONGDONG-GU, SEOUL, 133-120,
(33) Name of priority country	:Republic	REPUBLIC OF KOREA
(55) Name of priority country	of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)SUN CHUNG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

The present invention discloses a new hemostasis valve device which allows a s wire or a catheter to be inserted into the left or right coronary artery via the femoral artery or an arm artery at the time of a Cardiac Catheterization or Percutaneous Transluminal Coronary Angioplasty operation, wherein two independent sealing members are opened and closed by means of press and release actions of push buttons coupled to a body as well as the rotation of a fastening tube, respectively, so lo that the leakage of blood or the inflow of outside air is simply and effectively shut off during the operation, and a drug influx tube for allowing a medicine such as a thrornbolitic drug to flow into a patient during the surgical operation pivots and is adjusted in a stepwise manner within a certain range of angles on a basis of body conditions or movements of the patient, so that the convenience of the surgical 15 operation is more improved.

No. of Pages : 21 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/02/2015

#### (51) International classification :B02C (71)Name of Applicant : 1)BONFIGLIOLI, Cesare (31) Priority Document No :RE2012A000093 Address of Applicant :11, Via S. Andrea, I-40050 Castello (32) Priority Date :13/12/2012 d<sup>™</sup>Argile, Bologna, Italy. (33) Name of priority country :Italy (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)BONFIGLIOLI, Cesare (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 : A CRUSHER-BREAKER GROUP FOR SCRAP METAL

(57) Abstract :

A crusher-breaker group for scrap metal, comprising a press capable of reducing a volume of the scrap communicating with a hammer mill via a supply channel, in which the press comprises shear means able to separate the scrap pressed into parallelepiped bales and advance the bales along a work plane which constitutes an initial part of the supply channel and opens directly into the cage of the mill.

No. of Pages : 17 No. of Claims : 5

(22) Date of filing of Application :10/12/2013

(21) Application No.3577/DEL/2013 A

#### (43) Publication Date : 27/02/2015

(51) International classification	:B02C	(71)Name of Applicant :
(31) Priority Document No	:201310135996.2	1)Jiangxi Hefeng Electronic Machines Co., Ltd.
(32) Priority Date	:18/04/2013	Address of Applicant :Huangjinbu Industrial Park, Yugan
(33) Name of priority country	:China	County, Jiangxi, China China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YANG, Wenguang
(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 : DOUBLE-ROW EMBROIDERY MACHINE

(57) Abstract :

Disclosed is a double-row embroidery machine, which includes a rack, a motor seat and a 5 working platform mounted on the rack. A spindle motor is provided in the motor seat, a tabouret is provided on the working platform and a beam is provided on the tabouret. A front machine head spindle is provided at front side of the beam and multiple front machine heads are mounted on the front machine head spindle. A rear machine head spindle is provided at rear side of the beam and multiple rear machine heads are mounted on the rear 10 machine head spindle. By means of providing one row of machine heads on the front and rear sides of the beam, respectively, and by means of using a power switch case to supply power to the spindle motor so as to drive the front and rear rows of machine heads in opposite direction, the two rows of machine heads can work at the same time and keep synchronous all the time. Compared with the existing embroidery machine with single row 15 of machine heads, the double rows of machine heads provided by the present invention can achieve embroidering at the same time, thereby doubling the work efficiency.

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

#### (19) INDIA

(22) Date of filing of Application :24/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : CYLINDER HEAD OF ENGINE		
(51) International classification	:F01L	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)Suzuki Motor Corporation
(51) Flotity Document No	002550	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:10/01/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)UEMIZU, Takanori
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 :

There is provided a cylinder head of an engine. The cylinder head includes cylindrical parts for lash adjustors into which the lash adjustors are inserted and cylindrical parts for fuel injection valves into which the fuel injection valves are inserted. An outer periphery of each of the cylindrical parts for the lash adjustors is connected to a sidewall of the cylinder head, which is disposed above intake ports communicating with a combustion chamber and each of the cylindrical parts for the fuel injection valves is disposed below the cylindrical parts for the lash adjustors. A lower end portion of each of the cylindrical parts for the lash adjustors is connected to an upper part of each of the cylindrical parts for the fuel injection valves by a reinforcement part.

No. of Pages : 14 No. of Claims : 2

#### (19) INDIA

(22) Date of filing of Application :25/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR EVALUATING THE VELOCITY OF A RAILWAY VEHICLE (51) International classification :G01C (71)Name of Applicant : 1)ALSTOM TRANSPORT TECHNOLOGIES (31) Priority Document No :12 62838 (32) Priority Date :27/12/2012 Address of Applicant :3 av Andre' Malraux 92300 Levallois (33) Name of priority country :France Perret France (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)LE BASTARD, Jean (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method for evaluating the angular velocity of a railway vehicle circulating on a track, the vehicle including an inertial unit including at least one angular velocity sensor, the method including a step for measuring an instantaneous angular velocity provided by the sensor. The method includes: - a step for determining the bias of the angular velocity measured around at least one axis, the velocity bias being taken as equal to the value of the angular velocity measured around this axis when said measured angular velocity is substantially constant for a predetermined period (T); and - a step for calculating the evaluated angular velocity, by subtracting from the measured angular velocity, the previously determined velocity bias.

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

(19) INDIA

(22) Date of filing of Application :02/12/2013

#### (54) Title of the invention : PEDAL INTERLOCKING BRAKE DEVICE FOR MOTORCYCLE

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
	038023	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:27/02/2013	MINATO-KU, TOKYO 107-8556 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SATOSHI SAITO
Filing Date	:NA	2)YOSHINOBU HONDA
(87) International Publication No	: NA	3)MASARU MIYASHITA
(61) Patent of Addition to Application Number	:NA	4)KAZUHIKO TANI
Filing Date	:NA	5)TAKESHI WAKABAYASHI
(62) Divisional to Application Number	:NA	6)RYOSUKE SATO
Filing Date	:NA	

#### (57) Abstract :

To suppress the increase in the number of support 5 brackets even when a pedal interlocking brake is adopted. [Means for Resolution] A pedal interlocking brake device for a motorcycle includes: a brake pedal 2 0 which is swingably supported on a vehicle body by way of a pedal pivot shaft 21; an 10 operating arm 2 8 which is integrally formed with the brake pedal 2 0 and extends upward; an equalizer 3 0 which is rotatably supported on the operating arm 28; a return spring 32 which biases the brake pedal 20 to an initial position side; a brake rod 27 which is supported on a 15 lower end portion 30b of the equalizer 30 and operates a rear-wheel brake 25, and an interlocking brake cable 17 which is supported on an upper -end portion 3 0a of the equalizer 30 and operates a front-wheel brake 15. The bracket 33 is mounted on the sub frame 9, the interlocking 20 brake cable 17 is supported on the bracket 33, and a hook 32b formed on one end of the return spring 32 is supported on the bracket 33 and a hook 32a formed on the other end of the return spring 32 is supported on an upper -end 28a t> of the operating arm 28.

No. of Pages : 47 No. of Claims : 5

(54) Title of the immediant VELUCIE DODY EDAME OF MOTODOVOLE

#### (19) INDIA

(22) Date of filing of Application :02/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : VEHICLE BODY FRA	AME OF MOTO	RUYCLE
(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(51) Phoney Document No	036873	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:27/02/2013	MINATO-KU, TOKYO 107-8556, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SOICHIRO MIYAMOTO
Filing Date	:NA	2)TAKAFUMI NAKANISHI
(87) International Publication No	: NA	3)TAKUMI HARA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An object is to provide a technique of enhancing the stiffness of a bent portion of a main frame 5 in a vehicle body frame of a motorcycle. [Solving Means] In a vehicle body frame 11 of a motorcycle 10 including a main frame 41 extending, along a center in a vehicle width direction, downwardly rearward from a head pipe 32 supporting a handlebar 34 in a 10 steerable manner, a rear frame 42 extending upwardly rearward from a rear end of the main frame 41, and floor frames 43L, 43R extending from the main frame 41 and supporting a step floor on which a driver is to place his/her feet, the main frame 41 includes a bent portion 61 15 in which the main frame 41 changes its extending direction from a downwardly rearward direction to a substantially horizontal direction, and front ends 73L, 73R of the floor frames 43L, 43R are connected to the bent portion 61.

No. of Pages : 25 No. of Claims : 6

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

## (22) Date of filing of Application :02/12/2013

#### (43) Publication Date : 27/02/2015

## (54) Title of the invention : CIRCUIT-BREAKER POLE PART WITH A FLEXIBLE CONDUCTOR FOR CONNECTING A MOVABLE ELECTRICAL CONTACT

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:12008485.0	1)ABB TECHNOLOGY AG
(32) Priority Date	:20/12/2012	Address of Applicant : AFFOLTERNSTRASSE 44, CH-8050
(22) Name of mignity country	:EUROPEAN	ZURICH SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)DR-ING. DIETMAR GENTSCH
Filing Date	:NA	2)MANFRED SAUER
(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 :

The invention relates to a pole part of a circuit-breal<er arrangement comprising an insulation housing (1) for accommodating a vacuum interrupter (8) containing a pair of 5 corresponding electrical switching contacts (4, 7), wherein a fixed upper electrical contact (7) is connected to an upper electrical terminal (2) molded or assembled in the insulation housing (1) and a movable lower electrical contact (4) is connected to the insulating housing by a support plate of the insulation housing (1) via a flexible conductor (6) comprising a first end (11) for attaching the flexible conductor (6) to the 10 lower electrical terminal (3) and a second end (13) for attaching the flexible conductor (6) to the movable lower electrical contact (4), wherein the second end (13) of the flexible conductor (6) is provided with an inside thread (14) which is screwed to an outside thread (15) arranged on the distal end of the movable lower electrical contact (4).

No. of Pages : 14 No. of Claims : 10

#### (19) INDIA

(22) Date of filing of Application :02/12/2013

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : 3-LEVEL POWER CO	ONVERTER	
<ul> <li>(54) Title of the invention : 3-LEVEL POWER CO</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>	:H02M :2012- 266933	<ul> <li>(71)Name of Applicant : <ol> <li>HITACHI LTD.</li> <li>Address of Applicant :6-6, MARUNOUCHI 1-CHOME,</li> <li>CHIYODA-KU, TOKYO, JAPAN</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>MIWA NAOKI</li> <li>NAGATA HIROSHI</li> </ol> </li> </ul>

#### (57) Abstract :

The height of a power conversion cell is reduced so that the height of a 3-level power converter does not exceed a limited size even when the power conversion cells are stacked vertically. In the 3-level power converter, power conversion modules (1 to 4), each of which includes a switching device (la) and a freewheeling diode (lb), are arranged in a power conversion module aggregate (20) with the longer directions of the power conversion modules (1 to 4) parallel to the bottom of the enclosure of the converter. The power conversion modules (1 to 4) are sequentially arranged in the direction parallel to the enclosure of the converter within a predetermined size, and the power conversion modules (1 to 4) exceeding the predetermined size are arranged in a different stage.

No. of Pages : 26 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : CATHETER WITH IMPROVED SAFETY LINE FOR DISTAL TIP AND RELATED METHOD		
(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:13/730,745	1)BIOSENSE WEBSTER (ISRAEL) LTD.
(32) Priority Date	:28/12/2012	Address of Applicant :4 HATNUFAH STREET, P.O. BOX
(33) Name of priority country	:U.S.A.	275, YOKNEAM 20692, INSRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JEFFREY L. CLARK
(87) International Publication No	: NA	2)MARIA DUARTE
(61) Patent of Addition to Application Number	:NA	3)ERICA LOVEJOY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catheter includes a tip electrode with a shell and a support member to provide a plenum chamber. The plug is formed with a U-shaped passage for a safety line to wrap around and secure the support member (with the shell affixed thereto) to the catheter. Additional passages are formed in the plug to accommodate components such as irrigation tubing, lead wire and thermocouple wire pair. A method of manufacture provides distal installation and/or anchoring of the safety line, lead wire 10 and thermocouple wire pair in the support member prior to sealing the support member and mounting the shell.

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

(19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

(51) International classification:A61L(71)Name of Applicant :(31) Priority Document No:61/746,9901)DEPUY SYNTHES PRODUCTS, LLC	(54) Title of the invention : COMPOSITES FOR OSTEOSYNTHESIS		
(32) Priority Date:28/12/2012Address of Applicant :325 PARAMOUNT DRIVE,(33) Name of priority country:U.S.A.RAYNHAM, MA 02767, U.S.A. U.S.A.(86) International Application No:NA(72)Name of Inventor :Filing Date:NA1)STEFAN BECK(87) International Publication No: NA2)LORENZ NIEDERBERGER(61) Patent of Addition to Application Number:NA3)NICO STOPHLERFiling Date:NA:NA(62) Divisional to Application Number:NAFiling 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> <li>(62) Divisional to Application Number</li> </ul>	:A61L :61/746,990 :28/12/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DEPUY SYNTHES PRODUCTS, LLC Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM, MA 02767, U.S.A. U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)STEFAN BECK</li> <li>2)LORENZ NIEDERBERGER</li> </ul>

(57) Abstract :

A biocompatible, resorbable composite for osteosynthesis includes osteoconductive particles dispersed within a porous polymer matrix having a plurality of fluid passageways that expose at least a portion of a plurality of the osteoconductive particles to an exterior of the polymer matrix. The composite may further include a chemical additive incorporated within the polymer matrix, the chemical additive being configured to modify one or more of acidity, degradation rate, melting point, hydrophilicity, and hydrophobicity of the polymer matrix. A method for making the composite includes mixing the osteoconductive particles with polymer material and the chemical additive to form a mixture and treating the mixture to bind the osteoconductive particles with the polymer material to create a solid unit.

No. of Pages : 36 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SOLAR THERMAL POWER SYSTEM		
(51) International classification	:F01K	(71)Name of Applicant :
(31) Priority Document No	:13151511.6	1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date	:16/01/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(22) Nama of aniarity country	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)CONTE ENRICO
Filing Date	:NA	2)MARCHAL NICOLAS
(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 solar thermal power system 100 includes a solar receiver 110 and a thermal energy storage arrangement 120 including thermal energy storage fluid to be circulated through the solar receiver 110 to store thermal energy. The system 100 includes a multistage steam turbine 130 operable on variable pressure steam generated by primary and secondary arrangements 140,150, by utilizing the fluid. The primary arrangement 140 generates and supplies a high pressure steam to a high pressure turbine inlet 132a, and exits firom a high pressure turbine outlet 132b. The secondary arrangement 150 having a reheat assembly 158, to generate an intermediate pressure steam from the fluid, received from the storage arrangement 120 through the reheat assembly 158. The intermediate pressure steam and released steam from a high pressure turbine outlet 132b are mixed and reheated in the reheat assembly 158 to be supplied to an intermediate pressure turbine inlet 134a.

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

#### (19) INDIA

(22) Date of filing of Application :27/12/2013

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : VALVE INCLUDING A DEVICE FOR IMMOBILIZING A JOURNAL, ENERGY CONVERSION INSTALLATION/FLUID DISTRIBUTION NETWORK INCLUDING SUCH A VALVE AND METHOD OF DEMOUNTING SUCH A 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> </ul>	:F16C :1350143 :08/01/2013 :France	<ul> <li>(71)Name of Applicant :</li> <li>1)ALSTOM RENEWABLE TECHNOLOGIES Address of Applicant :82, AVENUE LEON BLUM, 38100 GRENOBLE, FRANCE</li> </ul>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATHIEU, ALAIN
(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 valve (2) is integrated into a fluid distribution network and enables selective interruption or authorization of the circulation of a fluid; it includes a fluid blocking member driven in rotation by an actuator device of the valve and at least one journal (20), a hollow body (24) inside which the blocking member (22) is mobile and which defines at least one bore (A26) for receiving the journal (20), and a bearing (31) disposed around each journal (20) and inside the bore (A26) of the body (24) enabling support of the journal (20) and guidance thereof in rotation relative to the bore (A26), thereby centering the journal (20). The valve (2) further includes a device (30) for immobilizing and sealing for maintenance the journal relative to the body (22) of the valve (2), this immobilization device (30) being on the same side of the bearing (31) as the internal volume (V24) of the hollow body (24) and being maneuverable via the bearing (31) to go from a nonclamped first configuration to a clamped second configuration in which it immobilizes the journal (20) in the bore (A26) and vice versa.

No. of Pages : 35 No. of Claims : 19

#### (12) PATENT APPLICATION PUBLICATION (21) Application No.3787/DEL/2013 A (19) INDIA (22) Date of filing of Application :27/12/2013 (43) Publication Date : 27/02/2015 (54) Title of the invention : A CENTRIFUGAL PUMP, A SHAFT THEREFOR AND A SLEEVE FOR COUPLING THE SHAFT OF A CENTRIFUGAL PUMP TO A SHAFT OF A DRIVE MOTOR :F04D (51) International classification (71)Name of Applicant : **1)SULZER PUMPEN AG** (31) Priority Document No :13152413.4 (32) Priority Date Address of Applicant :NEUWIESENSTRASSE 15, 8401 :23/01/2013

(32) Thomy Date	.23/01/2013	Address of Applicant .ideo wilds in RASSE 15, 0401
(33) Name of priority country	:EUROPEAN	WINTERTHUR, SWITZERLAND
(55) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)JANNE RIPATTILA
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		•

(57) Abstract :

The present invention relates to a centrifugal pump, especially to a close coupled centrifugal pump. The centrifugal pump (10) comprises a shaft (18) coupled with the 5 shaft (20) of the electric drive motor by means of a separate threaded coupling sleeve (24). The threaded coupling sleeve (24) is coupled with the shaft (20) of the drive motor by means of a key (34) and an adjusting nut (26).

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

#### (19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHODS OF REGENERATING DESICCANT IN A BREATHING APPARATUS :G11B (51) International classification (71)Name of Applicant : (31) Priority Document No 1) **OUALITROL COMPANY, LLC** :13/731,916 (32) Priority Date Address of Applicant :1385 FAIRPORT ROAD, FAIRPORT, :31/12/2012 (33) Name of priority country NEW YORK 14450-1309, USA U.S.A. :U.S.A. (72)Name of Inventor : (86) International Application No :NA 1)JOSHUA J. HERZ 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 method of regenerating a desiccant in a breather communicating with a vessel includes creating a temperature signal that is a temperature associated with at least one of the vessel and the breather for a plurality of cycles, each cycle having a predetermined duration, and regenerating the desiccant when the second derivative of the temperature signal reaches a peak value.

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

#### (19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : FLUID DISTRIBUTION AND MIXING GRID FOR MIXING GASES (51) International classification :H01R (71)Name of Applicant : (31) Priority Document No 1)ALSTOM TECHNOLOGY LTD. :13/751,399 (32) Priority Date Address of Applicant : BROWN BOVERI STRASSE 7, 5400 :28/01/2013 (33) Name of priority country BADEN. SWITZERLAND :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)COHEN, MITCHELL B** (87) International Publication No : NA 2)CHEN, YEN-MING (61) Patent of Addition to Application Number :NA 3)LEVASSEUR, ARMAND Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A grid for distributing and mixing fluids in a duct includes a plurality of lances arranged in a first plane and configured to be positioned transverse to a direction of a first fluid flowing outside of the lances and within a predetermined flow area. Each of the plurality of lances has at least one first inlet and a plurality of outlet nozzles. One or more of the outlet nozzles is directed generally in the flow direction of the first fluid outside of the lances, and is configured to discharge a second fluid therefrom.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

#### (54) Title of the invention : PUMPING APPARATUS AS WELL AS A DIFUSOR FOR A PUMPING APPARATUS :F01D (71)Name of Applicant : (51) International classification 1)SULZER PUMPEN AG (31) Priority Document No :13156369.4 Address of Applicant :NEUWIESENSTRASSE 15, 8401 (32) Priority Date :22/02/2013 :EUROPEAN WINTERTHUR, SWITZERLAND (33) Name of priority country (72)Name of Inventor : UNION (86) International Application No :NA 1)ADALBERTO DOMINGUEZ 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 pumping apparatus (1) including a feed column (2) extending around a diffusor axis (A) of the pumping apparatus and having a rotor housing (3) which is arranged between an intake and a diffusor (5) arranged in a diffusor section (4), as well as having a feed tube (6) with an outlet stub adjoining the diffusor section (4). In this connection a pump rotor (7) is arranged in the rotor housing (3) such that, in an operating state, a fluid (F) to be conveyed can be sucked by the pump rotor (7) via the intake, and can be discharged again from the feed column (2) of the pumping apparatus (1) via the diffusor section (4), the feed tube (6) and via the outlet stub. The diffusor (5) includes an inlet section (51) arranged between an outlet section (52) of the diffusor (5) and the pump rotor (71, wherein a first part section (52 1) adjacent to the inlet section (5 1) is formed at the outlet section (52), with the frrst part section being inclined with respect to the diffusor axis (A) at a first predefinable outlet angle (a) in a direction towards the feed tube (6). In accordance with the invention a second part section (522) adjoining the first part section (521) is formed at the outlet section (521, with the second part section being - inclined with respect to the diffusor axis (A) at a second outlet angle (P) different from the fust outlet angle (a)T. he invention moreover relates to a diffysor (5) for a pumping apparatus (1).

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : THREE-MODE SENSOR FOR DETERMINING TEMPERATURE, LEVEL, AND CONCENTRATION OF A FLUID

<ul> <li>(51) International classification</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>	:G01S :13/741,519 :15/01/2013 :U.S.A. :NA :NA :NA	Address of Applicant :2643 WEST COURT STREET JANESVILLE, WISCONSIN 53547 UNITED STATES OF AMERICA U.S.A. (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>	: NA :NA :NA :NA :NA	1)MURPHY, GREGORY P.

(57) Abstract :

A three-mode ultrasonic sensor for determining temperature, level, and/or concentration of a fluid. In one embodiment, the sensor includes a target positioned at a level; a controller, and a transducer electrically connected to the controller. The controller is configured to generate an ultrasonic signal, to receive a reflection of the ultrasonic signal from at least one of the target and a surface of a fluid, and generate a signal based on the reflection. The controller is further configured to receive the signal, and determine whether a level of the surface of the fluid is one of the following group: above the level of the target, below the level of the target, and substantially the same as the level of the target.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A CLASSIFIER AND A METHOD OF MODIFYING A CLASSIFIER FOR USE WITH A PULVERISER

(51) International classification	:B02C	(71)Name of Applicant :
(31) Priority Document No	:2012/09191	1)COAL MILLING PROJECTS (PTY) LIMITED
(32) Priority Date	:05/12/2012	Address of Applicant : UNIT 57, THEMBI PLACE,
	:South	CALDERWOOD ROAD, LONEHILL, JOHANNESBURG,
(33) Name of priority country	Africa	2000, GAUTENG SOUTH AFRICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOOSEN, PIERRE
(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 classifier 10 for use with a pulveriser which pulverises raw material. The classifier 10 classifies crushed material into a fine fraction which is expelled via an upper fuel outlet 33 and a coarse fraction which is returned to the pulveriser via a lower rejection outlet 44 for further crushing. The classifier 10 has an internal housing 20 which defines a classification zone 25 and a plurality of triangular flaps 39, each of which are pivotally attached to the housing 20. The flaps 39 are displaceable between a closed position in which they are arranged alongside one another such that sides of adjacent flaps 39 are in abutment and they together define a skirt having a continuous periphery; and an open position in which the flaps 39 are outwardly displaced, widening the outlet 44 in order to allow built-up coarse material to be discharged.

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

#### (54) Title of the invention : METHOD AND DEVICE FOR DETECTING AT LEAST ONE SIGNAL

(51) International classification	:G07F	(71)Name of Applicant :
(31) Priority Document No	:10 2013 201 458.9	1)ROBERT BOSCH GMBH Address of Applicant :POSTFATCH 30 02 20, STUTTGART,
(32) Priority Date	:30/01/2013	70442, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)PIASTOWSKI, MARTIN
Filing Date	:NA	2)TRIESS, BURKHARD
(87) International Publication No	: NA	3)NICKEL, PATRICK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a method for detecting at least one signal (sl, s2), 9 4 which is transmitted through an electrical conducting unit (loo), wherein detecting (300) 9 5 electric andlor magnetic fields of the conducting unit (100) on at least two identical or different positions (pl, p2) in relation to a longitudinal coordinate (I) of the conducting unit F (loo), wherein two measurement signals (ml, m2) corresponding to the respective positions (pl, p2) are obtained, and wherein the signals (sl, s2) transmitted by the conducting unit (1 00) are deducted (3 10) fiom the measurement signals (ml, m2).

No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/06/2010

#### (43) Publication Date : 27/02/2015

(51) International classification	:H04M11/06	(71)Name of Applicant :
(31) Priority Document No	:07/08460	1)THALES
(32) Priority Date	:04/12/2007	Address of Applicant :45 RUE DE VILLIERS, 92200
(33) Name of priority country	:France	NEUILLY-SUR-SEINE, FRANCE
(86) International Application No	:PCT/EP2008/066722	(72)Name of Inventor :
Filing Date	:03/12/2008	1)ERIC GARRIDO
(87) International Publication No	:WO 2009/071589	2)GUILLAUME FUMAROLI
(61) Patent of Addition to Application	:NA	3)XAVIER BERTINCHAMPS
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : FRAME-SYNC METHOD BASED ON DISCRETE LOGARITHMS

(57) Abstract :

Method for transmitting data having a first format or format 1 in a data stream complying with a second format, the second format or format 2 consisting of a stream of data symbols incorporating, in a regular manner, a symbol dedicated to synchronization and placed every r data symbols, the symbol dedicated to synchronization being the current term of a series S(t) satisfying a linear recurrence, the data being split in format 1 into data blocks of fixed size that include kr symbols, the data symbols being considered as elements of a finite field GF(q) where q is the number of elements in the field, in which the series S(t) satisfies a linear recurrence over GF(q) and admits, as characteristic polynomial, a primitive polynomial P of degree n for GF(q), and is periodic with a period T=qn-1,  $\hat{1}\pm$  being a root of P in the field GF(qn).

No. of Pages : 28 No. of Claims : 7

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : FERRITE THIN FILM-FORMING COMPOSITION AND METHOD OF FORMING FERRITE THIN FILM

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)MITSUBISHI MATERIALS CORPORATION
(32) Priority Date	061609 :25/03/2013	Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008117 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)DOI, Toshihiro
Filing Date	:NA	2)SAKURAI, Hideaki
(87) International Publication No	: NA	3)SOYAMA, Nobuyuki
(61) Patent of Addition to Application Number	:NA	4)NAKAMURA, Kenzo
Filing Date	:NA	5)IGARASHI, Kazunori
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This ferrite thin film-forming composition is a composition for forming a thin film of NiZn ferrite, CuZn ferrite, or NiCuZn ferrite using a sol-gel method, and the composition includes: metal raw materials; and a solvent containing N-methyl pyrrolidone, wherein a ratio of an amount of N-methyl pyrrolidone to 100 mass% of the total amount of the composition is in a range of 30 to 60 mass%.

No. of Pages : 36 No. of Claims : 6

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 27/02/2015

## (54) Title of the invention : METHOD OF PRODUCING FERROELECTRIC THIN FILM-FORMING COMPOSITION AND APPLICATION 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 Filing Date</li> </ul>	:H01L :2013- 061723 :25/03/2013 :Japan :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo Japan</li> <li>(72)Name of Inventor :</li> <li>1)DOI, Toshihiro</li> <li>2)SAKURAI, Hideaki</li> </ul>
8		
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	3)SOYAMA, Nobuyuki
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A method of preparing a ferroelectric thin film-forming composition, specifically, a method of preparing a PZT thin film-forming composition includes: a step of allowing composition precursor raw materials, which contain PZT precursor substances at a concentration of 23 to 38 mass% in terms of oxides in 100 mass% of the composition precursor raw materials, and a high-molecular compound to react with each other to obtain a PZT thin film-forming composition precursor; and a step of aging the PZT thin film-forming composition precursor at a temperature of 0 to 10C for at least 30 days.

No. of Pages : 18 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

(54) Title of the invention : REAR LIGHT FOR SADDLE-RIDE TYPE VEHICLE				
(51) International classification	:B60Q	(71)Name of Applicant :		
(31) Priority Document No	:2013- 060193	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,		
(32) Priority Date	:22/03/2013	MINATO-KU, TOKYO 107-8556 JAPAN		
(33) Name of priority country	:Japan	(72)Name of Inventor :		
(86) International Application No	:NA	1)TAKURO TANAKA		
Filing Date	:NA	2)SHINJI KAWASUMI		
(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 :

To provide a rear light for a saddle-ride type vehicle with improved visibility also to a vehicle in 5 its drivers eye level is high. [Solving Means] In a rear light for a saddle-ride type vehicle 10 including a taillight 102, a stop light 100, a reflector 106, and a lens 108, the stop light 100 is disposed above the taillight 102, the lens 108 is formed in 10 such a way as to be inclined as a whole with an upper portion thereof situated on the front side of a vehicle and with a lower portion thereof situated on the rear side of the vehicle, the reflector 106 includes separating portions 120 provided around the taillight 102 and the stop light 15 100 and separating the taillight 102 and the stop light 100 from each other, and the separating portions 120 are formed in such a way as to extend to a vicinity of the lens 108.

No. of Pages : 30 No. of Claims : 8

#### (19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : MOVABLE INTERIOR TRIM COMPONENT HAVING A RETAINING FEATURE (51) International classification :B60R (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY (31) Priority Document No :61/738249 Address of Applicant :915 EAST 32ND STREET. (32) Priority Date :17/12/2012 HOLLAND, MICHIGAN 49423, USA U.S.A. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA **1)KENNETH D. SHERBURN** (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 interior trim component includes an engagement feature configured to engage a track of a support structure to facilitate movement of the interior trim component in a direction of travel from an exposed position to a concealed position relative to the support structure. The interior trim component also includes a substrate coupled to the engagement feature and having an outer surface configured to face an 10 interior of a vehicle. In addition, the interior trim component includes a retaining feature extending upwardly from the outer surface. The retaining feature is positioned adjacent to a leading edge of the interior trim component relative to the direction of travel, and the retaining feature is configured to engage an object adjacent to the outer surface to block movement of the object relative to the interior trim component. 15

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

#### (19) INDIA

(22) Date of filing of Application :04/03/2014

### (54) Title of the invention : INFLUX CHAMBER FOR A CATALYTIC CONVERTER OF AN EMISSION CONTROL SYSTEM

(51) International classification	:F01N	(71)Name of Applicant :
	:DE 10	1)Eberspcher Exhaust Technology GmbH & Co. KG
(31) Priority Document No	2013 004	Address of Applicant :Homburger Strasse 95, 66539
	123.6	Neunkirchen, GERMANY
(32) Priority Date	:08/03/2013	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)WANG, Kanqiu
(86) International Application No	:NA	2)VOGELS, Dirk
Filing Date	:NA	3)GERLACH, Ralf
(87) International Publication No	: NA	4)SCHULZ, Achim
(61) Patent of Addition to Application Number	:NA	5)WOLF, Tobias
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An influx chamber (1) for an exhaust-gas catalytic converter (2) comprises a cylindrical body (3) having a side face (31) and two front faces (32, 33) as well as a baffle (5) disposed in the cylindrical body (3) and made of a material impermeable to exhaust gases (4). The side face (31) and a first front face (32) of the cylindrical body (3) are made of a material impermeable to exhaust gases (4), and the second front face (33) of the cylindrical body (3) is partially permeable to exhaust gases (4). The side face (31) of the cylindrical body (3) is partially permeable to exhaust gases (4). The side face (31) of the cylindrical body (3) includes an inlet opening (34) for exhaust gases (4) loaded with a reducing agent (8). The baffle (5) extends in its transverse direction from the second front face (33) of the cylindrical body (3) towards the first front face (32) of the cylindrical body (3). Along its longitudinal direction, the baffle (5) hereby includes a cone section (52), where it forms the side face of a truncated cone which smaller front face faces the first front face (32) of the cylindrical body (3), and which extends at least 90°, and in particular over least 135°, and further in particular more than 180° in the circumferential direction of the cylindrical body (3).

No. of Pages : 35 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date : 27/02/2015

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/793,514	1)MEDOS INTERNATIONAL SRL
(32) Priority Date	:11/03/2013	Address of Applicant :Chemin-Blanc 38, 2400 Le Locle,
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHMET Z. SENGUN
(87) International Publication No	: NA	2)HUGH S. WEST
(61) Patent of Addition to Application Number	:NA	3)MEGHAN A. PASQUALI
Filing Date	:NA	4)DAVID B. SPENCINER
(62) Divisional to Application Number	:NA	5)WILLIAM REISER
Filing Date	:NA	6)JEFF PARRISH

#### (54) Title of the invention : IMPLANT HAVING ADJUSTABLE FILAMENT COILS

(57) Abstract :

A device having one or more adjustable loops or coils associated with an implant body for use in soft tissue reconstructions is provided. One exemplary embodiment of a device includes a body and a suture filament, with the filament being used to form a self-locking sliding knot disposed on a top side of the body and a plurality of adjustable coils that are substantially disposed on the body<sup>TM</sup>s bottom side. Terminal ends of the filament located above the body<sup>TM</sup>s top side can be passed through an opening of a Lark<sup>TM</sup>s Head knot from opposite sides, thus forming a self-locking sliding knot, and then the terminal ends can be tensioned to adjust a circumference of the coils. Changing a coil<sup>TM</sup>s circumference changes a location of a ligament graft disposed on the coil. Other configurations of devices and systems, as well as methods for performing ACL repairs, are also provided.

No. of Pages : 45 No. of Claims : 20

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:10-2013-	1)HYUNDAI MOTOR COMPANY
	0050404	Address of Applicant :231 YANGJAE-DONG, SEOCHO-KU,
(32) Priority Date	:06/05/2013	SEOUL, KOREA Republic of Korea
(33) Name of priority country	:Republic	2)KIA MOTORS CORPORATION
	of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)JEE-YOUNG YOUN
Filing Date	:NA	2)HYEOK-JUNG LIM
(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 : POLYPROPYLENE RESIN COMPOSITION

#### (57) Abstract :

A polypropylene resin composition includes 1 to 30 wt% of homopolypropylene having a melt index of 2 to 6 9/10 5 min at 230°C and 2.16 kg, and an isotacticity index of 97% or more, 1 to 40 wt% of homopolypropylene having a melt index of 16 to 22 9/10 min at 230°C and 2.16 kg, and an isotacticity index of 96% or more, and 20 to 40 wt% of a glass fiber having an excellent rigidity supplementation 10 effect as an inorganic filler for improving heat resistance, mechanical properties, and 1 to 10 wt% of denatured polypropylene as a compatibilizer maximizes compatibility of the polypropylene resin and the glass fiber, based on a total weight of the composition. The composition has 15 excellent rigidity, short-term heat resistance, long-term heat resistance, and fusion strength, at a reduced weight and production cost.

No. of Pages : 27 No. of Claims : 6

#### (19) INDIA

(22) Date of filing of Application :11/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : MULTI-PORT NORMALLY OPEN MODULAR VALVE WITH THREAD-IN SEAT :F16K (71)Name of Applicant : (51) International classification (31) Priority Document No :13/724455 1)MAC VALVES, INC. (32) Priority Date :21/12/2012 Address of Applicant :30569 BECK ROAD, WIXOM. MICHIGAN 48393. UNITED STATES OF AMERICA U.S.A. (33) Name of priority country :U.S.A. (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)JAMISON, MICHAEL (87) International Publication No : NA 2)SIMMONDS, JEFFREY (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A normally open solenoid operated modular valve includes a solenoid body receiving a coil and pole piece. A polymeric material valve body portion is releasably connected to the solenoid body. An armature/valve member slidably disposed in both the solenoid body and the valve body portion has a male threaded end shank. A polymeric material thread-in poppetlvalve member includes an internal threaded portion engaging the male threaded end shank to retain the thread-in poppetlvalve member on the armaturelvalve member. A resilient material valve ring is retained on the thread-in poppet/valve member. A cylindrical tube portion receives an armature/valve member rod portion. A biasing member acts against the armature/valve member and thereby acts to normally bias the valve ring away from contact with a valve seat surface created in the valve body portion defining a modular valve valve normally open position.

No. of Pages : 34 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 27/02/2015

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2007 01859	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:21/12/2007	Address of Applicant : Alsvej 21 DK-8940 Randers Sv
(33) Name of priority country	:Denmark	Denmark Denmark
(86) International Application No	:PCT/DK2008/050320	(72)Name of Inventor :
Filing Date	:18/12/2008	1)JENSEN Martin Villy Reinbach Skov
(87) International Publication No	:WO2009/080043	
(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 : A WIND TURBINE GENERATOR WITH A HEAT EXCHANGER

(57) Abstract :

The present invention relates to a wind turbine generator with a heat-generating source, e.g. a generator or a gearbox. A primary and a secondary cooling circuit, arranged for circulating a first and a second fluid, respectively between the heat-generating source and a heat exchanger, and a cooling reservoir and the heat exchanger, respectively. The heat exchanger comprises a plurality of pipes for conveying the second fluid from the secondary cooling circuit through the heat exchanger, the plurality of substantially parallel pipes being arranged for heat exchange with a flow of the first fluid from the primary cooling circuit.

No. of Pages : 24 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : PAPER-SHEET PROCESSING APPARATUS		
	C0.25	
(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:2013- 054244	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date	:15/03/2013	Tokyo 105-8001, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Jun Okamoto
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 :

According to one embodiment, a paper-sheet processing apparatus includes a feed unit, a pickup unit, an 5 inspection unit, a stacking unit, a backup drive unit, a banding unit, at least one power supply, a mode setting unit, and a fixing unit. At least one power supply supplies electric power to electrically operational parts of the extraction unit, inspection unit, stacking unit, 10 backup drive unit, and a banding unit. The mode setting unit sets a standby mode in which electric power supply to at least one of the electrically operational parts is suspended temporarily. While the standby mode is set by the mode setting unit, the fixing unit fixes the backup to 15 a position for setting of the standby mode.

No. of Pages : 59 No. of Claims : 9

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : YARN WINDING MACHINE, AND TEXTILE MACHINE INCLUDING THE YARN WINDING MACHINE

(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:2012- 263078	1)MURATA MACHINERY, LTD. Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:30/11/2012	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENJI KAWAMOTO
(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 winder unit 10 includes a winding unit main body 16 adapted to form a package 30 by winding a yarn 20, a first catching and guiding device 26 adapted to suck and catch the yarn 20 from the package 30 and to guide the yarn 20, a control section 50 adapted 10 to control the first catching and guiding device 26 to perform a first catching operation at a catching region Rl to suck and catch the yarn 20 from the package 30 by the first catching and guiding device 26 and a second catching operation at the catching region Rl to suck and catch the yarn 20 from the package 30 again by the first catching 15 and guiding device 26, and a setting section 91 adapted to set a control value relating to adjustment of the second catching operation by the first catching and guiding device 26.

No. of Pages : 48 No. of Claims : 11

(19) INDIA

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

# (54) Title of the invention : ELEVATOR-HALL-DOOR OPENING-HOLDING FIXTURE

(33) Name of priority country:Japan(72)Name of Inventor :(86) International Application No:NA1)Shoichi MIYAGAWAFiling Date:NA2)Hiroyuki KONNO(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

An elevator-hall-door opening-holding fixture according to an embodiment includes a backbone unit, a first protrustion, and a second protrusion. The backbone unit is formed into a plate shape. The first protrusion protrudest from one of surfaces of the backbone unit. The second protrusion protrudes from the other surface of the backbone unit. At least one of the first protrusion and the second protrusion can be pressed and fitted into a sill groove of an elevator hall door.

No. of Pages : 34 No. of Claims : 6

# (19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : ASSEMBLY TOOL FOR USE IN ASSEMBLING ORTHOPAEDIC PROSTHETIC COMPONENTS

(31) Priority Document No:13(32) Priority Date:14(33) Name of priority country:U.	A61F(71)Name of Applicant : 1)DEPUY (IRELAND)4/03/2013Address of Applicant :Loughbeg Industrial Estate, Ringaskiddy, Co Cork, Ireland
(86) International Application No :NA	NA (72)Name of Inventor :
Filing Date :NA	NA 1)AARON J. MATYAS
(87) International Publication No : N	NA 2)KYLE D. STEFFE
(61) Patent of Addition to Application Number :NA	NA 3)REBECCA L. CHANEY
Filing Date :NA	VA 4)ALEC A. BIRKBECK
(62) Divisional to Application Number :NA	JA
Filing Date :NA	JA

(57) Abstract :

An assembly tool for use in assembling orthopaedic prosthetic components is disclosed. The assembly tool includes a frame, a base plate that includes a mounting bracket configured to engage a first end of an orthopaedic prosthetic component and a mechanical actuator configured to apply a compressive load to the orthopaedic prosthetic component.

No. of Pages : 58 No. of Claims : 16

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : MOLD PROTECTION APPAATUS, MOLD PROTECTION METHOD AND MOLD CLAMPING APPARATUS

(51) Intermetional algoritization	:B29C	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(21) Driemitry Desumant No	:2012-	1)TOSHIBA KIKAI KABUSHIKI KAISHA
(31) Priority Document No	281495	Address of Applicant :2-2, UCHISAIWAICHO 2-CHOME,
(32) Priority Date	:25/12/2012	CHIYODA-KU, TOKYO 100-8503, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HARUYUKI MATSUBAYASHI
Filing Date	:NA	2)HARUMICHI TOKUYAMA
(87) International Publication No	: NA	3)TAKESH LIDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

According to one embodiment, a mold protection apparatus for use in an opening/closing apparatus that opens/closes a mold by moving a movable platen with use of a motor, the movable platen being formed to be movable in a direction towards or away from a fixed platen having a fixed mold fixed thereto and being fixedly provided with a 10 movable mold to form the mold integral with the fixed mold, the mold protection apparatus comprises a deriving means, a calculating means, and a comparing means. The deriving means configured to obtain an actual operation drive force output from the motor. The 15 calculating means configured to calculate a theoretical operation drive force of the motor. The comparing means configured to compare a difference between the actual operation drive force derived by the deriving means and the theoretical operation drive force calculated by the 20 calculating means with a threshold value.

No. of Pages : 28 No. of Claims : 9

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : PZT-BASED FERROELECTRIC THIN FILM-FORMING COMPOSITION, METHOD OF PREPARING THE SAME, AND METHOD OF FORMING PZT-BASED FERROELECTRIC THIN FILM USING 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> </ul>	:Japan :NA :NA : NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MITSUBISHI MATERIALS CORPORATION <ul> <li>Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku,</li> </ul> </li> <li>Tokyo Japan <ul> <li>(72)Name of Inventor :</li> <li>1)DOI, Toshihiro</li> <li>2)SAKURAI, Hideaki</li> <li>3)SOYAMA, Nobuyuki</li> </ul> </li> </ul>
6		
(61) Patent of Addition to Application Number	: NA :NA	5)SOYAMA, Nobuyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

In a PZT-based ferroelectric thin film-forming composition, a ratio of a PZT precursor to 100 wt% of the composition is 17 to 35 wt% in terms of oxides, a ratio of a diol to 100 wt% of the composition is 16 to 56 wt%, a ratio of a polyvinyl pyrrolidone or a polyethylene glycol to 1 mol of the PZT precursor is 0.01 to 0.25 mol in terms of monomers, a ratio of the water to 1 mol of the PZT precursor is 0.5 to 3 mol, and the composition does not further contain a linear monoalcohol having 6 to 12 carbon chains which has a ratio of 0.6 to 10 wt% with respect to 100 wt% of the composition.

No. of Pages : 41 No. of Claims : 6

## (19) INDIA

(22) Date of filing of Application :05/03/2014

### (43) Publication Date : 27/02/2015

#### (71)Name of Applicant : (51) International classification :F01N (31) Priority Document No :201310075703.6 1)Hitachi. Ltd. (32) Priority Date :11/03/2013 Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, (33) Name of priority country :China Tokyo, Japan (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)Chunguang LIU (87) International Publication No : NA 2)Peng YANG (61) Patent of Addition to Application Number :NA 3)Jie GONG Filing Date :NA 4)Sheng ZHOU (62) Divisional to Application Number 5)Mika MIZUTANI :NA Filing Date 6)Zhisheng NIU :NA

# (54) Title of the invention : RENEWABLE ENERGY BASE STATION AND COVERAGE ADJUSTMENT METHOD THEREFOR, AND WIRELESS CELLULAR SYSTEM

# (57) Abstract :

It is provided a renewable energy base station, which is used in a 5 wireless cellular system, including: an adjustment request determining part for determining whether an adjustment to a coverage area is required; an adjustment request transceiver in case where it is determined that the adjustment to the coverage area is required, sending a coverage area adjustment request to neighboring base stations in the wireless cellular 10 system, and receiving an adjustment request response from the neighboring base stations; an adjustment request responding part for determining whether the coverage area adjustment request from the one of the neighboring base stations is allowed in case where receiving the covera-g e area adjustment request from one of the neighboring base stations; and a 15 response transmitter for sending the adjustment request response to the neighboring base stations based on a result of the determination made by the adjustment request responding part.

No. of Pages : 40 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:102012112433.7	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
(32) Priority Date	:17/12/2012	Address of Applicant : PORSCHEPLATZ 1, 70435
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WINKEL, JORG
(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 : EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(57) Abstract :

The invention relates to an exhaust system for an internal combustion engine, having a first exhaust tract and having a second exhaust tract, wherein a first silencer device is arranged in an end section of the first exhaust tract and a second silencer device is arranged in an end section of the second exhaust tract, and the two exhaust tracts are connected in an inter-communicating manner by a crosstalk point, and, in the first or second exhaust tract downstream of the crosstalk point, there is provided a valve for l o the selective closure of the respective exhaust tract, wherein a distance between the valve and the crosstalk point is dimensioned such that, at a particular rotational speed of the internal combustion engine, an exhaust line path between the valve and the crosstalk point serves as a quarter lambda resonator such that, at said rotational speed of the internal combustion engine, disturbing noises of the exhaust system are reduced. 15 1

No. of Pages : 11 No. of Claims : 6

# (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : DOUBLE LOOP LASSO WITH SINGLE PULLER WIRE FOR BIO-DIRECTIONAL ACTUATION

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:13/732,283	1)BIOSENSE WEBSTER (ISRAEL) LTD.
(32) Priority Date	:31/12/2012	Address of Applicant :4 HATNUFAH STREET, P. O. BOX
(33) Name of priority country	:U.S.A.	275, YOKNEAM 20692, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JULIE BUI
(87) International Publication No	: NA	2)OSCAR GALVAN
(61) Patent of Addition to Application Number	:NA	3)JOSE JIMENEZ
Filing Date	:NA	4)THANHI NGUYEN
(62) Divisional to Application Number	:NA	5)RICARDO PADILLA
Filing Date	:NA	6)THOMAS V. SELKEE

(57) Abstract :

A catheter has a distal assembly with at least one loop, if not two, with ring electrodes. The distal assembly has an elongated support member covered by an extruded form having two lumens, one sized for nonslip tight fit with the support member. A single continuous puller wire 5 for bidirectional deflection is pre-bent into two long portions and a U-shape bend therebetween. The U-shape bend is anchored at a distal end of a deflectable section which is reinforced by at least one washer having at least two holes, each hole axially aligned with a respective lumen in the deflectable section. Each hole is centered with a lumen so that each puller wire portion therethrough is straight and subjected to tensile force only. A proximal end of the support 10 member is flattened and serrated to provide a better bonding to the distal end of the deflectable section.

No. of Pages : 30 No. of Claims : 19

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :18/12/2013

## (54) Title of the invention : CATHETER WITH SERIALLY CONNECTED SENSING STRUCTURES AND METHODS OF CALIBRATION AND DETECTION

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:13/732,324	1)BIOSENSE WEBSTER (ISRAEL) LTD.
(32) Priority Date	:31/12/2012	Address of Applicant :4 HATNUFAH STREET, P. O. BOX
(33) Name of priority country	:U.S.A.	275, YOKNEAM 20692, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JEFFREY L. CALRK
(87) International Publication No	: NA	2)ITZHAK FANG
(61) Patent of Addition to Application Number	:NA	3)GEORGE KAMIN
Filing Date	:NA	4)MARK STANLEY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A catheter is responsive to external and internal magnetic field generators for generating 5 signals representing position and pressure data, with a reduced number of sensing coil leads for minimizing lead breakage and failure. The catheter includes a flexible joint with pressure sensing and position coils, at least pair of a pressure sensing coil and a position coil are serially connected. Methods of calibrating a catheter for position and pressure sensing, and detecting magnetic field interference with one catheter by another catheter or other metal or ferrous object advantageously 10 use signals between two sets of sensors as a back up or error check.

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

(19) INDIA

(22) Date of filing of Application :25/03/2013

# (54) Title of the invention : EXTERNAL CONTROL STAND FOR A CONSTRUCTION MACHINE

(51) International classification	:F16S	(71)Name of Applicant :
(31) Priority Document No	:20 2012	1)Joseph Vgele AG
(51) Thomy Document No	003 217.8	Address of Applicant :Joseph-Vgele-Strae 1, 67067
(32) Priority Date	:29/03/2012	Ludwigshafen/Rhein, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)Achim EUL
Filing Date	:NA	2)Martin BUSCHMANN
(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 external control stand (1) for controlling at least one working component (110) of an self-propelled construction machine (100) comprises at least one display panel (3) and a plurality of input elements (2), the external control stand (1) comprising at least one mounting section (10) to mount it to the construction machine (100). The external control stand is characterized in that it comprises a lower shell (8), an upper shell (9), and an impact protection (7), the impact protection (7) being configured to be in contact with the lower shell (8) and the upper shell (9).

No. of Pages : 16 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/12/2013

# (54) Title of the invention : METHOD AND APPARATUS FOR THE THERMAL TREATMENT OF A PRODUCT

(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:10 2013	1)KRONES AG
(32) Priority Date	200610.1 :16/01/2013	Address of Applicant :BOHMERWALDSTRASSE 5 93073 NEUTRAUBLING GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)TORSTEN RUNGE
Filing Date	:NA	2)FLORIAN JUSTL
(87) International Publication No	: NA	3)STEFAN POSCHL
(61) Patent of Addition to Application Number	:NA	4)SIEGFRIED BOBON
Filing Date	:NA	5)MICHAEL FRISTER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

Described is a method for the thermal treatment of a liquid while observing a positive pressure gradient between a product-conducting primary circuit and a heat exchange medium-conducting secondary circuit of a heat exchanger, and also a corresponding treatment apparatus. According to the invention the positive pressure gradient is produced by applying a negative psessure to the return line of the secondary circuit. Cross section-reducing installations in the primary circuit can thereby be avoided, and products including fruit pieces, or the like, can therefore be treated in a particularly gentle manner.

No. of Pages : 12 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : STENT CANNULATION GUIDING DEVICE AND METHOD OF USE

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:61/740,533	1)CORDIS CORPORATION
(32) Priority Date	:21/12/2012	Address of Applicant :430 ROUTE 22, BRIDGEWATER, NJ
(33) Name of priority country	:U.S.A.	08807, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAVID C. MAJERCAK
(87) International Publication No	: NA	2)JIN S. PARK
(61) Patent of Addition to Application Number	:NA	3)SALVATORE G. CALDARISE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to an intraluminal guiding device having an expandable guiding member so as to facilitate and overcome the difficulties associated with obtaining contra-lateral leg access of a bifurcated stent or a bifurcated stent graft with a second guidewire and a method for treating abdominal aortic aneurysms with such a device. The guiding device comprises an expandable member releasably or permanently affixed to a delivery system which facilitates placement and advancement of a second delivery system.

No. of Pages : 49 No. of Claims : 36

# (19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : ORTHOPAEDIC KNEE PROSTHESIS HAVING STEM COMPONENTS WITH A VARYING NUMBER OF SLOTS

<ul> <li>(51) International classification</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>	:A61F :13/804,400 :14/03/2013 :U.S.A. :NA :NA	
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract :

A knee prosthesis for use during performance of a knee replacement procedure includes a plurality of stem components in a range of various sizes, a plurality of femoral components in a range of various sizes, and a plurality of tibial trays in a range of various sizes. Each of the stem components is compatible with each of the femoral components and the tibal trays. Some of the stem components have a single slot formed therein, with other stem components having a pair of slots formed therein.

No. of Pages : 38 No. of Claims : 24

# (12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :21/11/2013

# (43) Publication Date : 27/02/2015

# (54) Title of the invention : A SURFACING ROLLER SLEEVE OF A BOWL COAL MILL AND A METHOD OF SECTIONAL SURFACING OF A ROLLER SLEEVE SURFACING LAYER THEREOF

# (57) Abstract :

The present invention disclosed an overlaid grinding roll of bowl mill, comprising a conical rollbody with two ends, one big and the other small. Each end of the rollbody is provided with an annular boss, respectively, with the height of the boss at the big end greater than that of the boss at the small end; the rollbody is provided on its outer surface with an overlaid layer; the roll overlaid layer extends from the boss at the big end to the boss at the small end; the roll overlaid layer is divided into four sections, and the sum of the first overlaid section at the big end of the roll body and the axial dimension of the boss at the big end occupies 113 of the axial dimension of the roll body. The present invention, in accordance with the actual wear characteristics of the grinding roll of bowl mill in grinding raw coal containing more coal ore, pyrite, quartz sand and so on, reasonably determines the shape of the roll overlaid layer, and uses the method of sectional overlaying welding, giving full play to the wear resistance of overlay materials, thereby effectively extending service life of the roll wear parts of the bowl mill. The present invention further discloses a method of sectional overlaying welding of the roll overlaid layer.

No. of Pages : 20 No. of Claims : 5

# (19) INDIA

(22) Date of filing of Application :27/02/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : CONTROLLING CATHETER FLOW		
<ul> <li>(51) International classification</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>	:A61M :13/792,376 :11/03/2013 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)COVIDIEN LP
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A catheter assembly includes an elongate member and a balloon. The elongate member defines at least one lumen and an outer surface. The outer surface defines at least one opening in fluid communication with the at least one lumen. The balloon is disposed within the at least one lumen. The balloon is inflatable such that a portion of the balloon expands from the at least lumen through the at least one opening. The expansion of the balloon increases the flow restriction through the at least one opening compared to the flow restriction through the at least one opening when the balloon is in a deflated condition. Methods for using a catheter assembly to remove occlusive material from a catheter are also described.

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

# (19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : INCREASING THE NUMBER OF CYLINDERS IN AN INTERNAL COMBUSTION ENGINE IN A VIRTUAL FASHION

(51) International classification	:F02P	(71)Name of Applicant :
(31) Priority Document No	:102013201878.9	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:05/02/2013	Address of Applicant :Suite 800, 330 Town Center Drive,
(33) Name of priority country	:Germany	Dearborn, Michigan 48126 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WIRTH, Martin Dr
(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 :

The invention introduces a method for generating engine noise in which a time period between two directly successive ignition events of an internal combustion engine (2) is determined. Then a superimposed noise is generated at a time between the two directly successive ignition events. According to the method of the invention, the ignition events which have failed to occur owing to the use of an internal combustion engine (2) with a low number of cylinders, or the acoustic expression of said events, are supplemented for the driver, as a result of which the noise which is expected for an engine with a relatively large number of cylinders is generated. The invention also relates to a device (7) for generating engine noise and a motor vehicle (1) having such a device (7).

No. of Pages : 14 No. of Claims : 10

# (19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : A SCROLL COMPRESSOR HAVING FIRST AND SECOND OLDHAM COUPLINGS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F04C :12/62568	(71)Name of Applicant : 1)DANFOSS COMMERCIAL COMPRESSORS
(32) Priority Date	:21/12/2012	
(33) Name of priority country	:France	LIEUDIT LES COMMUNAUX REYRIEUX, 01600 TREVOUX
(86) International Application No	:NA	FRANCE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROSSON, YVES
(61) Patent of Addition to Application Number	:NA	2)BONNEFOI, PATRICE
Filing Date	:NA	3)CLAUDIN, INGRID
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This scroll compressor (1) comprises first and second fixed scroll members (4, 5), first and second orbiting scroll members (7, 8), a first Oldham coupling (27) provided between the first orbiting scroll member (7) and the first fixed scroll member (4) and configured to prevent rotation of the first orbiting scroll member (7) with respect to the first fixed scroll member (4), and a second Oldham coupling (28) provided between the second orbiting scroll member (8) and the second fixed scroll member (5) and configured to prevent rotation of the second orbiting scroll member (8) with respect to the second fixed scroll member (5). The first Oldham coupling (27) is slidably mounted with respect to the first fixed scroll member (4) along a first displacement direction, and the second Oldham coupling (28) is slidably mounted with respect to the second fixed scroll member (5) along a second displacement direction parallel with respect to first displacement direction. The first and second orbiting scroll members (7, 8) are configured to operate in phase opposition.

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

#### :A61M (71)Name of Applicant : (51) International classification 1)HUBIOMED CO., LTD :10-2013-(31) Priority Document No 0001186 Address of Applicant :301. HYUPSUNG B/D. 65. :04/01/2013 SEONGSUI-RO, SEONGDONG-GU, SEOUL, 133-120, (32) Priority Date REPUBLIC OF KOREA :Republic (33) Name of priority country of Korea (72)Name of Inventor : (86) International Application No :NA 1)SUN CHUNG Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

# (54) Title of the invention : INSTILLATOR FOR INJECTION OF RINGER'S SOLUTION

(57) Abstract :

The present invention discloses an instillator for injection of a Ringers solution s which temporarily stores Ringers solutions or others, and couples a precise flow regulator onto an instillation container, thereby allowing the solutions to be administered more accurately, preventing accidents from happening because the regulator is out of a patients reach, and allowing a connected tube to be easily arranged. 10 The instillator for injection of a Ringers solution consists of an instillation container, a solution inflow tube with a penetration needle and a solution guide passage, and a lower stopper with a solution drainage passage and a tube connector, wherein a drainage guide plate with a drainage hole is inserted into the container to discharge a solution downwardly, a precise flow regulator is coupled onto the plate to is be rotated from side to side, and an instillation hole communicating with the tube connector is formed in the regulator.

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

(19) INDIA

(22) Date of filing of Application :22/09/2005

(51) International classification	:H04W8/22	(71)Name of Applicant :
(31) Priority Document No	:60/355,469	1)MOTOROLA INC
(32) Priority Date	:07/02/2002	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:01/01/1900	1)SEAN KELLEY
(87) International Publication No	:NA	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:01605/DELNP/2003	
Filed on	:07/10/2003	

# (54) Title of the invention : A METHOD FOR ACQUIRING BAND CLASS INFORMATION

(57) Abstract :

A method for acquiring band class information and assigning a band class to a mobile station when the mobile station is engaged in a process of initiating a connection with an infrastructure that supports a plurality of band classes, the method comprising steps of: requesting, by the infrastructure, band class information from the mobile station via an overhead message; in response to the request, receiving, by the infrastructure, a message comprising band class information of the mobile station, wherein the message comprises an indicator of whether the mobile station supports a band class other than the band class that the mobile station is currently accessing; determining, by the infrastructure, whether to assign the mobile station to a band class other then a band class that the mobile station is currently accessing; and when the mobile station supports the alternate band class, instructing, by the infrastructure, the mobile to switch to the alternate band class based on a determination to assign the mobile station to the alternate band class.

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

# (19) INDIA

(22) Date of filing of Application :17/02/2014

## (43) Publication Date : 27/02/2015

(54) Title of the invention : VEHICULAR CONTROL DEVICE		
(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:2013- 035622	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:26/02/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)IINO, Hayato
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 :

There is provided a vehicular control device. A control unit is configured to control a torque amount of a creep torque to be generated by a driving motor for driving a vehicle. A vehicle speed detection unit is configured to detect a vehicle speed. A brake operation detection unit is configured to detect an operation of a brake. A road surface state acquiring unit is configured to calculate or detect a slope angle of a road surface on which the vehicle stops. The control unit includes a torque amount changing unit which is configured to change the torque amount according to the slope amount of the road surface acquired by the road surface state acquiring unit, if a stop state of the vehicle is detected by the vehicle speed detected by the vehicle speed detection unit and the operation of the brake is detected by the brake operation detection unit.

No. of Pages : 13 No. of Claims : 2

(22) Date of filing of Application :22/08/2005

(43) Publication Date : 27/02/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR MANUALLY SEPARATING PARTICULATE MATTER FROM A LIQUID SPECIMEN

<ul> <li>(51) International classification</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>	:A61B10/00 :NA : - :PCT :NA :01/01/1900 :NA :NA :NA :NA :2289/DELNP/1998	<ul> <li>(71)Name of Applicant : <ol> <li>LAMINA INC,.</li> <li>Address of Applicant :2190 FOX MILL ROAD, SUITE 100,</li> <li>HERNDON, VIRGINIA 20171 USA. U.S.A.</li> </ol> </li> <li>(72)Name of Inventor : <ol> <li>GUIRGUIS, RAOUF A.</li> <li>EL-AMIN, MARIANNA`</li> <li>SAMAAN, NASHED</li> </ol> </li> </ul>
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(57) Abstract :

The invention is an apparatus and method for separating particulate matter from a fluid, wherein the apparatus includes a collection container, a porous arrangement positioned in a housing and suitable for collecting particulate matter in the liquid on a collection site, and a pump. The housing includes a first portion having elements that improve fluid flow through the housing and elements that decrease the porous arrangement retention characteristics of the portion. The housing also includes a portion having elements that increase the porous arrangement retention characteristics of the portion.

No. of Pages : 42 No. of Claims : 2

# (19) INDIA

(22) Date of filing of Application :05/12/2013

# (54) Title of the invention : LOCK ASSEMBLY HAVING MOTOR INSIDE INTERIOR OPERATOR HANDLE

<ul> <li>(51) International classification</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>	:E05B :61/738,988 :18/12/2012 :U.S.A. :NA :NA :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

### (57) Abstract :

A lock assembly includes an exterior operator assembly having an exterior operator handle. An interior operator assembly has an interior operator handle having a mounting opening. An outer spindle is operatively coupled to a latch assembly, drivably coupled to the interior operator assembly, has a longitudinal bore, and is rotatable about a first axis. A coupling mechanism is drivably coupled to the outer spindle. A locking spindle assembly is rotatably received in the longitudinal bore and rotatable about the first axis, and is configured to selectively operate the coupling mechanism to drivably couple the exterior operator assembly to the outer spindle. A motor drive assembly includes a motor having a motor shaft. The motor is positioned inside the mounting opening of the interior operator handle. The motor shaft is drivably coupled to the locking spindle assembly to operate the coupling mechanism when the motor drive assembly is actuated.

No. of Pages : 24 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :05/12/2013

# (54) Title of the invention : LIGHTING EQUIPMENT CONTROL DEVICE FOR SADDLE-RIDE-TYPE VEHICLE

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(51) Thomy Document No	042783	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:05/03/2013	MINATO-KU, TOKYO 107-8556 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TSUYOSHI OGUCHI
Filing Date	:NA	2)YOSHIAKI TAKEUCHI
(87) International Publication No	: NA	3)YOSUKE TSUCHIYA
(61) Patent of Addition to Application Number	:NA	4)TAKASHI TETSUKA
Filing Date	:NA	5)AKIHIKO YAMASHITA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

To provide a lighting equipment control device for a 5 saddle-ride-type vehicle which can further decrease an adverse effect caused by electrolytic corrosion even when a non-waterproof switch is used. [Means for Resolution] In a lighting equipment control device 10 0 for a 10 saddle-ride-type vehicle which includes: a pulse generating part 102 which generates a pulse voltage Vp where a highlevel voltage and a low-level voltage appear alternately; a switch SW which is connected to the pulse generating part 102; a switch operation determining part 130 which is 15 electrically connected to the switch SW, and determines an operation of the switch SW in response to the presence or the non-presence of inputting of a pulse signal Sa corresponding to the pulse voltage Vp; and a control part 12 0 which performs a turn-on/turn-off control of lighting 20 equipment corresponding to the switch SW determined by the switch operation determining part 13 0, the lighting equipment control device 100 further includes: a reverse direction- voltage applying means 106 which is provided between the switch SW and the switch operation determining 25 part 130, and which applies a voltage in the reverse direction to a switch SW side based on an electric charge stored during a period TH where the pulse voltage Vp is at a high level during a period TL where the pulse voltage Vp is at a low level. 5

No. of Pages : 56 No. of Claims : 10

### (19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : LEAKAGE REDUCTION SYSTEM IN POWER PLANT OPERATIONS		
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B01D :12197258.2 :14/12/2012	,
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:EPO :NA	BADEN, SWITZERLAND (72) <b>Name of Inventor :</b>
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	1)MULLER-ODENWALD, HERMANN 2)WEYLAND, FRIEDRICH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

20% Leakape Reduction System in Power Plant Oerations The leakage reduction system 1000 includes a heat exchanger 100, a duct arrangement 200 and a separation arrangement 300. The heat exchanger 100 includes a rotor assembly 102 rotatably mounted along a rotor post 104. The heat exchanger 100 further includes a second inlet plenum 1 12a, whereat the duct arrangement 200 is configured. Further, the separation arrangement 300 is incorporated at the duct arrangement 200 dividing thereto into primary and secondary inlets 210, 220. Through the primary inlet 210, a flue gas enriched with Oxygen is carried, and through the secondary inlet 220 a recycled flue gas flow is allowed to be carried, keeping the Oxygen enriched recycled flue gas flow substantially away from turnover towards the flue gas flow to avoid turnover towards a flue gas flow, reducing leakage thereof.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 27/02/2015

# (54) Title of the invention : FERROELECTRIC THIN FILM-FORMING SOL-GEL SOLUTION

(51) International classification	:H01L	(71)Name of Applicant :
	:2013-	1)MITSUBISHI MATERIALS CORPORATION
(31) Priority Document No	056229	Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku,
(32) Priority Date	:19/03/2013	Tokyo Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)DOI, Toshihiro
Filing Date	:NA	2)SAKURAI, Hideaki
(87) International Publication No	: NA	3)SOYAMA, Nobuyuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

This ferroelectric thin film-forming sol-gel solution contains: a PZT-based compound; a high-molecular compound used to adjust the viscosity containing polyvinyl pyrrolidone; and an organic dopant containing N-methyl pyrrolidone, in which the amount of the PZT-based compound is greater than or equal to 17 mass% in terms of oxides, the molar ratio (PZT-based compound:polyvinyl pyrrolidone) of the polyvinyl pyrrolidone to the PZT-based compound is 1:0.1 to 1:0.5 in terms of monomers, and the amount of the organic dopant containing N-methyl pyrrolidone in the sol-gel solution is 3 mass% to 13 mass%.

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/09/2005

(43) Publication Date : 27/02/2015

# (54) Title of the invention : A WIRELESS COMMUNICATION SYSTEM AND A METHOD FOR ENABLING A PREFERRED SLOT CYCLE FOR SAID SYSTEM

(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:L(36) International Application No:NFiling Date:0(87) International Publication No:N(61) Patent of Addition to Application:NNumber:NFiling Date:N(62) Divisional to Application Number:0	H04W52/02 10/024,890 18/12/2001 U.S.A. NA 01/01/1900 NA NA NA 01003/DELNP/2004	<ul> <li>(71)Name of Applicant :</li> <li>1)MOTOROLA INC <ul> <li>Address of Applicant :1303 EAST ALGONQUIN ROAD,</li> </ul> </li> <li>SCHAUMBURG, ILLINOIS 60196, USA U.S.A.</li> <li>(72)Name of Inventor : <ul> <li>1)MICHAEL J. KINNAVY</li> </ul> </li> </ul>
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(57) Abstract :

In a wireless communication system, the communication system providing communication service to a mobile station, wherein the mobile station monitors for transmission from a base station via a communication resource based on an operating slot cycle index corresponding to an operating slot cycle index corresponding to an operating slot cycle, the method for enabling a preferred slot cycle, the method comprising: receiving control information associated with slot cycles operable by the base station; adjusting the operating slot cycle index to in response to a trigger event, the preferred slot cycle index corresponding to a preferred slot cycle; and transmitting the preferred slot cycle index to the base station so that the mobile station is in communication with the base station via the communication resource during a slot, the slot reoccurring based on the preferred slot cycle; wherein the preferred slot cycle is one of the slot cycles operable by the base station.

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

# (19) INDIA

(22) Date of filing of Application :12/11/2013

(54) Title of the invention · SPRAY GUN

### (43) Publication Date : 27/02/2015

(54) The of the Invention . STRAT CON		
(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)ANEST IWATA CORPORATION
	253284	Address of Applicant :3176 SHINYOSHIDA-CHO,
(32) Priority Date	:19/11/2012	KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA 223-8501,
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NOBUYOSHI MORITA
(87) International Publication No	: NA	2)KAI NAGAYUMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

To provide a spray gun in which a gun main body can be attached to a manifold without slippage with respect to a first direction of the gun main body in relation to the manifold. I 2 NQJ/ OMX There is provided a spray gun 10 including a gun main body 40 that ejects a coating material in a first direction (X direction) and a manifold 20 that supports the gun main body 40, wherein the gun main body 40 is detachably attached to the manifold 20. A convex part 76 extending in the first direction is formed on one (a) of abutting parts of the gun main body 40 and the manifold 20. A convex part 74 extending in the first direction is formed on the other (p) of abutting parts of the gun main body 40 and the manifold 20. The convex part 76 is formed with a pair of tapered surfaces 76Q having a width tapered toward a depth direction thereof on both sidewall surfaces thereof extending in the first direction. The concave part 74 is formed with a pair of tapered surfaces 74P having a width tapered toward a depth direction.

No. of Pages : 31 No. of Claims : 4

# (19) INDIA

(22) Date of filing of Application :12/11/2013

# (54) Title of the invention : SYSTEMS AND METHODS FOR CONDITIONING A FILTER ASSEMBLY

<ul> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(33) Name of priority country</li> <li>(34) Address of Applicant :25 HARBOR PARK DRIVE, PORT</li> <li>(35) Name of priority country</li> <li>(36) International Application No</li> <li>(37) International Publication No</li> <li>(38) International Publication Number</li> <li>(39) Name of Inventor :</li> <li>(31) Name of Addition to Application Number</li> <li>(32) Priority Date</li> <li>(33) Name of Parket Data</li> <li>(34) Portugation Number</li> <li>(35) Portugation Number</li> <li>(36) Portugation Number</li> <li>(37) Portugation Number</li> <li>(38) Portugation Number</li> <li>(39) Portugation Number</li> <li>(30) Portugation Number</li> <li>(31) Portugation Number</li> <li>(32) Portugation Number</li> <li>(32) Portugation Number</li> <li>(33) Portugation Number</li> <li>(34) Portugation Number</li> <li>(35) Portugation Number</li> <li>(36) Portugation Number</li> <li>(37) Portugation Number</li> <li>(38) Portugation Number</li> <li>(39) Portugation Number</li> <li>(30) Portugation Number</li> <li>(31) Portugation Number</li> <li>(32) Portugation Number</li> <li>(32) Portugation Number</li> <li>(33) Portugation Number</li> <li>(34) Portugation Number</li> <li>(35) Portugation Number</li> <li>(36) Portugation Number</li> <li>(37) Portugation Number</li> <li>(38) Portugation Number</li> <li>(39) Portugation Number</li> <li>(31) Portugation Number</li> <li>(32) Portugation Number</li> <li>(33) Portugation Number</li> <li>(34) Portugation Portugation Number</li> <li>(34) Portugation Portugation Number</li> <li>(35) Portugation Po</li></ul>	<ul> <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>	:13/674,356 :12/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA	Address of Applicant :25 HARBOR PARK DRIVE, PORT WASHINGTON, NEW YORK 11050, UNITED STATES OF AMERICA, U.S.A. (72)Name of Inventor : 1)SAKAMOTO, ATSUSHI 2)KATAOKA, HISAYUKI 3)MIZUNO, TAKEHITO
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(57) Abstract :

Systems and methods condition a filter assembly. Purging liquid is passed through the filter assembly to remove contaminants from the pores and voids of the filter medium and from the upstream and downstream sides of the filter medium.

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

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD OF FORMING PNBZT FERROELECTRIC THIN FILM :H01L (71)Name of Applicant : (51) International classification 1)MITSUBISHI MATERIALS CORPORATION :2013-(31) Priority Document No 063179 Address of Applicant :3-2, Otemachi 1-chome, Chivoda-ku, (32) Priority Date :26/03/2013 Tokyo Japan (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA 1)DOI. Toshihiro Filing Date :NA 2)SAKURAI, Hideaki (87) International Publication No : NA 3)SOYAMA, Nobuyuki (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract :

A method includes: coating a composition for forming a PZT ferroelectric film not containing Nb on a lower electrode 11 formed on a substrate 10, prebaking the composition, and baking the composition to be crystallized and to thereby form a crystallization promoting layer 12 having a thickness of 45 to 90 nm thereon; coating a composition for forming a PNbZT-based ferroelectric film, containing 4 to 10 at% of Nb in 100 at% of all the perovskite B site atoms (Zr, Ti) contained in the composition, on the formed crystallization promoting layer 12 to form a coating film 13a of PNbZT thereon; and pre-baking the coating film 13a and then baking the coating film 13a to be crystallized and to thereby form a PNbZT ferroelectric thin film on the lower electrode

No. of Pages : 32 No. of Claims : 2

# (19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HOUSING UNIT FOR AN ELECTRONICS UNIT (51) International classification :A61K (71)Name of Applicant : :10 2013 1)HELLA KGAA HUECK & CO. (31) Priority Document No 102 025.9 Address of Applicant : Rixbecker Strasse 75, 59552 Lippstadt, (32) Priority Date :01/03/2013 Germany (33) Name of priority country (72)Name of Inventor : :Germany (86) International Application No :NA **1)GEORG RTHER** Filing Date :NA 2)WINFRIED SCHEIBE (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 housing unit (1) for an electronics unit (10) with a top shell (12) and a bottom shell (14), wherein the top shell (12) has a circumferential contact face (16) and the bottom shell (14) has a circumferential groove (20) with a first rib (22) and a second rib (24), wherein the second rib (24) is arranged on an inner side of the housing unit (1) and the contact face (16) is formed in the circumferential groove (20), wherein the first rib (22) of the groove (20) has a drip edge (30).

No. of Pages : 14 No. of Claims : 10

### (19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : CANNULATION GUIDING DEVICE FOR BIFURCATED STENT AND METHOD OF USE (51) International classification :A61F (71)Name of Applicant : **1)CORDIS CORPORATION** (31) Priority Document No :61/740,538 (32) Priority Date Address of Applicant :430 ROUTE 22, BIRDGWATER, NJ :21/12/2012 (33) Name of priority country 08807, U.S.A. U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)JAMES A. FLEMING** (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 is directed to an intraluminal guiding device having an expandable guiding member so as to facilitate and overcome the difficulties associated with obtaining contra-lateral leg access of a bifurcated stent or a bifurcated stent graft with a second guidewire and a method for treating abdominal aortic aneurysms with such a device. The guiding device comprises a preloaded second wire positioned within the contra-lateral leg which facilitates access to said leg in accordance with the present invention.

No. of Pages : 48 No. of Claims : 18

# (19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : SUPPORTING FRAME FOR COMPUTER EXPANSION CARD

<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>	:G06F :102115955 :03/05/2013 :Taiwan	Address of Applicant :NO.6, BAU CHIANG ROAD, HSIN- TIEN DIST., NEW TAIPEI CITY 231, TAIWAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KE, CHIH HUA
(87) International Publication No	: NA	2)KAO, YUNG SHUN
(61) Patent of Addition to Application Number	:NA	3)CHANG, YA HAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A supporting frame includes a first engagement section, a supporting section and a second engagement section. The first engagement section is fixed on one side of the motherboard. The supporting section is connected between the first engagement section and the second engagement section and is adjacent to another side of the motherboard. The second engagement section is spaced apart from the first engagement section for fixing a fastening plate of the expansion card. In this way, the motherboard could be placed on a working surface horizontally or stands upright on the working surface with the support of the supporting frame

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

# (12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :20/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A METHOD OF CONTROLLING A FUEL SUPPLY SYSTEM OF AN ENGINE OF A MOTOR VEHICLE

(51) International classification	:F02D	(71)Name of Applicant : 1)FORD GLOBAL TECHNOLOGIES, LLC.
(31) Priority Document No	:1222303.8 :12/12/2012	
(32) Priority Date		II III III III III III III III IIII III IIII
(33) Name of priority country	:U.K.	DRIVE, DEARBORN MICHIGAN 48126, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LANE, STUART ALEXANDER
(87) International Publication No	: NA	2)KEES, DONATUS ANDREAS JOSEPHINE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract :

A method of controlling a fuel supply system of an 5 engine 10 of a motor vehicle 50 is disclosed in which an engine driven variable output high pressure fuel pump 130 is operated at a high demand level to charge a high pressure fuel accumulator 140 with fuel during a shutdown of the engine 10 and, during a subsequent start-up of the engine 10 10, use fuel from the accumulator 140 while operating the high pressure fuel pump 130 at a low demand level. This reduces the fuel consumption of the engine 10 by using kinetic energy from the slowing engine 10 to drive the high pressure fuel pump 130 and increases the deceleration of the 15 engine 10. Start-up of the engine 10 is quicker because it is not necessary to wait for fuel pressure to build before beginning the injection of fuel into the engine 10 and because the high pressure fuel pump 130 is operating at low demand the engine 10 will accelerate faster than if the high 20 pressure fuel pump 130 is required to pump fuel to the engine 10.

No. of Pages : 53 No. of Claims : 25

# (19) INDIA

(22) Date of filing of Application :08/11/2013

(54) Title of the invention : FLAT TRANSMISSION CONTROL MODULE		
(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:10 2012 222 180.8	1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442
(32) Priority Date	:04/12/2012	STUTTGART, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)LISKOW, UWE
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 subject matter relates to transmission control module (10) of a motor vehicle transmission, comprising a primary printed circuit board (12), which is provided with connections (14) for external connection or to make contacts with other components, and a secondary printed circuit board (16), which is equipped with electronic components (20) on a first side (18). Electrical connections (22) are comprised between the primary printed circuit board (12) and the secondary printed circuit board (16). A matrix material (24) is disposed within a region between the electronic components (20).

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

## (19) INDIA

(22) Date of filing of Application :08/11/2013

# (54) Title of the invention : TURBOMACHINE BEARING ASSEMBLY PRELOADING 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</li> </ul>	:1220300.6 :12/11/2012 :U.K. :NA :NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	
rining Date	.1N/A	

(57) Abstract :

A turbomachine with a shaft supporting a turbine wheel is supported for rotation in a housing. The shaft extends through a bore in the housing and a bearing assembly is disposed in the bore. The turbomachine has a first lubricating fluid slinger comprising a screw thread that is engageable with a threaded section of the shaft such that the first lubricating fluid slinger is screwable along the threaded section of the shaft so as to apply a compressive preload to the bearing assembly.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION		(21) Application No.3688/DEL/2013 A
(19) INDIA		
(22) Date of filing of Application :17/12/2013		(43) Publication Date : 27/02/2015
(54) Title of the invention : 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 Number <ul> <li>Filing Date</li> </ul> </li> <li>(62) Divisional to Application Number <ul> <li>Filing Date</li> </ul> </li> </ul>	:F02M :1020112722.0 :20/12/2012 :Germany :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435</li> <li>STUTTGART, GERMANY</li> <li>(72)Name of Inventor :</li> <li>1)EHRHARDT, JENS</li> <li>2)MISALA, ANDREAS</li> </ul>

(57) Abstract :

The invention relates to a pump (1) having a housing (15) with 5 a suction-side fluid inlet (4) and with a pressure-side fluid outlet (5), having a first pump unit (2, 11) and having a second pump unit (3, 12), the first pump unit being connected hydraulically in parallel with respect to the second pump unit, wherein the housing (15) is of modular construction and 1 o has a first housing part (3), which houses the first pump unit (11), and also a second housing part (14), which houses the second pump unit (12), wherein the fluid inlet (4) of the housing (15) forms in each case one fluid connection to the first and to the second pump unit (2, 3, 11, 12), and wherein 15 the fluid outlet (5) of the housing (15) forms in each case one fluid connection to the first and to the second pump unit (2, 3, 11, 12).

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

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : MOTOR VEHICLE LUMINAIRE, AND MOTOR VEHICLE HAVING A MOTOR VEHICLE LUMINAIRE

(51) International classification	:F21V	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
(01) 1 110111 j 2 000111011 1 (0	112 612.7	Address of Applicant : PORSCHEPLATZ 1, 70435
(32) Priority Date	:19/12/2012	STUTTGART, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)HIESL, GERALD
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	
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### (57) Abstract :

The invention proposes a motor vehicle luminaire (3) which has two luminaire parts (5, 6) between which a joint (7) is formed, wherein the luminaire parts are arranged so as to overlap in respect of their respective light-emitting side (21). 10 The invention further proposes a motor vehicle which has a first component (1) and a second component (2), wherein a luminaire part (5 and, respectively, 6) is mounted in the respective component (1 and, respectively, 2) and the 15 luminaire parts form a motor vehicle luminaire (3). A respective joint (4, 7) is formed between the two components and the two luminaire parts. The luminaire parts are arranged so as to overlap in respect of their respective light-emitting side. 2 0 A continuous light pattern of the motor vehicle luminaire, which light pattern is visually particularly pleasing, can be achieved on account of this design.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : OXY-COMBUSTION COUPLED FIRING AND RECIRCULATION SYSTEM

<ul> <li>(51) International classification</li> <li>:F23C</li> <li>(31) Priority Document No</li> <li>:13/751,5</li> <li>(32) Priority Date</li> <li>:28/01/20</li> <li>(33) Name of priority country</li> <li>:U.S.A.</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>:NA</li> <li>(87) International Publication No</li> <li>:NA</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>:NA</li> </ul>	,
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(57) Abstract :

A combustion system is provided for an oxy-combustion furnace. The combustion system includes at least one windbox mountable on the oxy-combustion furnace and having at least one main firing location. At least one primary inlet is positioned in the at least one main firing location for conveying fuel and the first oxidant into the oxy-combustion furnace. At least one secondary inlet is positioned in the at least one main firing location for conveying the second oxidant into the oxy-combustion furnace. The at least one secondary inlet is angularly offset from the at least one primary inlet.

No. of Pages : 29 No. of Claims : 22

### (19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : ROLLER FOR FORMING HEAT TRANSFER ELEMENTS OF HEAT EXHANGERS (51) International classification :H01L (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD. (31) Priority Document No :13/751,640 (32) Priority Date Address of Applicant : BROWN BOVERI STRASSE 7, 5400 :28/01/2013 (33) Name of priority country BADEN. SWITZERLAND :U.S.A. (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)YOWELL, JEFFERY EDWARD (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract :

A roller 100 for forming heat transfer elements 400 may include a central shaft 110 and a plurality of roller elements 120. The plurality of roller elements 120 may be stacked on the central shaft 110. Each roller element 120 defines an outer periphery 122, which is configured to include a geometrical characteristic 130 thereacross. The stacked roller elements 120, either stacked on the central shaft 110 or stacked without using the central shaft 110, configures the roller 100 with a circumferential surface 150 corresponding to the geometrical characteristic 130 of the stacked roller elements 120, to form the heat transfer elements 400 corresponding to the circumferential surface 150.

No. of Pages : 25 No. of Claims : 17

### (19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</li> <li>:G06K</li> <li>:13/693903</li> <li>:G06K</li> <li>:G06K<th colspan="4">(54) Title of the invention : DOOR /WINDOW CONTACT SYSTEM</th></li></ul>	(54) Title of the invention : DOOR /WINDOW CONTACT SYSTEM			
<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>(87) International Publication Number</li> <li>(87) International Publication Publication Number</li> <li>(87) International Publication Publication</li></ul>	(51) International classification:G0(31) Priority Document No:13/(32) Priority Date:04/(33) Name of priority country:U.S(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA	06K 8/693903(71)Name of Applicant : 1)HONEY WELL INTERNATIONAL INC. Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NJ 07962 - 2245, UNITED STATES OF A A MERICA U.S.A.A(72)Name of Inventor : 1)RICHARD ALAN SMITH A A		

(57) Abstract :

A window or door position detector includes an RFID tag attachable to the window or door, and a transceiver. The transceiver emits an activating signal to the tag. The tag in turn responds with an identifying RF signal indicative of a predetermined position of the window or door. The detector includes a transceiver which can communicate with both the tag and a displaced monitoring system control panel.

No. of Pages : 12 No. of Claims : 14

### (19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PROPELLER BASED MULTI-DIMENSIONAL DIGITAL SIGNAGE 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> </ul>	:G06F15/16, G06Q30/02 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)GANESH AMBADAS BHAIRI Address of Applicant :PAREL SAHYADRI SHIVGANESH BUILDING, 5TH FLOOR ROOM NO 502, GANDHI NAGAR, D.S ROAD, WORLI, MUMBAI-400018 Maharashtra India (72)Name of Inventor : 1)GANESH AMBADAS BHAIRI</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 :

A Secured, Scalable, Remotely Monitored, Resource Conserving, Optically Distinctly Perceptible, Multicolored-dimensional, Radiant, Gyrating Day-Light Visible Digital Demonstration System to Create a Predefined Alpha-Numeric-Geometric Pattern of Uniform aspect ratio using a innovatively designed modular electronic circuitry with integration of micro-controller and embedded algorithm interfaced with an energized automatic spinner. One of the means of operating the system will be usage of non-conventional / renewable energy resources. Primarily the inventors system comprises of display of a predefined or randomly generated, multi axially orbiting, alphanumeric or geometrical framework in visually decipherable self-illuminated pattern. The said pattern is generated by amalgamation of multiple number(s), size (dimension -diameter/ height / thickness) and colors of spectrum generating resources e.g. light emitting diodes. These devices are integrated with other 1R transmitter, IR receiver, capacitors, oscillator, resisters, transistors, ICs, micro-controller. EPROM, power drivers etc. mounted on a uniquely designed, compact, modular electronic circuitry. At least one such said electronic module is housed along or perpendicular to the axis of a one of the light weight, transparent blade material such as polymer. With the help of lock and raceway mechanically /chemically joined, the other end of this blade or moving arm is keyed to the projecting shaft of an energetically driven motor. Embedded algorithm in the machine language format enables the system to periodically generate the predefined pattern whose appearance can be varied in direction and speed proportionate to energy inputs to the automatically spinning device e.g. motor. Aspect ratio of alpha numeric pattern in maintained proportionally and is preferably displayed in sector for comfortable viewing in a predefined arc even in bright sun light. The system has built in software security codes to edit to be displayed content by limiting digital access rights against authentication. Further, encapsulation of the entire hardware assembly protects its duplication. System can be scaled up and wirelessly or remotely controlled in real time. Vital application of the inventors unique system envisaged are green advertising, energy and financial resource saving, mobile signage platform to display content in multi-colour-lingual formats, safety signs, clocks, 3 D image pattern generator, education tool, eco substitute of holography shows, aviation, shipping, automobile instruments, sports, jewelry, cosmetics domains, novel corporate gifts.

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

(19) INDIA

(22) Date of filing of Application :19/06/2014

(43) Publication Date : 27/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USING A NETWORK TO CONTROL A POWER 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 Filing Date</li> <li>(87) International Publication No</li> </ul>	:H04L12/851,H04L29/06 :61/577816 :20/12/2011 :U.S.A. :PCT/US2012/070337 :18/12/2012 :WO 2013/096307	<ul> <li>(71)Name of Applicant :</li> <li>1)MAUK Richard A. Address of Applicant :W1997 Fairfield Lane Sheboygan</li> <li>Wisconsin 53083 U.S.A.</li> <li>2)GROSS William Herman</li> <li>3)KROLL Gary Allen</li> <li>4)PIERRINGER Jayson</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	<ul> <li>(72)Name of Inventor :</li> <li>1)MAUK Richard A.</li> <li>2)GROSS William Herman</li> <li>3)KROLL Gary Allen</li> <li>4)PIERRINGER Jayson</li> </ul>

(57) Abstract :

Some embodiments relate to a method of using a network to control a power management system. The method includes using the network to access a generator controller that is part of the power management system. The method further includes using the network to exchange communications with the generator controller in order permit the generator controller to control other electronic components that are part of the power management system.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : SYSTEM AND METHOD FOR INCREASING THE SERVICE LIFE AND/OR CATALYTIC ACTIVITY OF AN SCR CATALYST AND CONTROL OF MULTIPLE 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 <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>	:13/117332 :27/05/2011 :U.S.A. :PCT/US2012/039175 :23/05/2012 :WO 2012/166480 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BABCOCK &amp; WILCOX POWER GENERATION</li> <li>GROUP INC.</li> <li>Address of Applicant :20 S. Van Buren Avenue Barberton OH</li> <li>44203 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)GADGIL Mandar R.</li> <li>2)GHORISHI S. Behrooz</li> </ul>
Number		

### (57) Abstract :

The present invention relates generally to the field of emission control equipment for boilers heaters kilns or other flue gas or combustion gas generating devices (e.g. those located at power plants processing plants etc.) and in particular to a new and useful method and apparatus for reducing or preventing the poisoning and/or contamination of an SCR catalyst. In another embodiment the method and apparatus of the present invention is designed to protect the SCR catalyst. In still another embodiment the present invention relates to a method and apparatus for increasing the service life and/or catalytic activity of an SCR catalyst while simultaneously controlling various emissions.

No. of Pages : 50 No. of Claims : 81

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : ELECTRO CHROMIC DISPLAY ELEMENT DISPLAY APPARATUS AND DRIVING METHOD

(31) Priority Document No:2(32) Priority Date:3(33) Name of priority country:Ja(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	G02F1/155,G09F9/30 2011121400 31/05/2011 /apan PCT/JP2012/062882 15/05/2012 WO 2012/165185 NA NA NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)RICOH COMPANY LTD. Address of Applicant :3 6 Nakamagome 1 chome Ohta ku Tokyo 1438555 Japan</li> <li>(72)Name of Inventor :</li> <li>1)TAKAHASHI Hiroyuki</li> <li>2)YASHIRO Tohru</li> <li>3)FUJIMURA Koh</li> <li>4)MURAKAMI Akishige</li> <li>5)HIRANO Shigenobu</li> <li>6)NAIJO Yoshihisa</li> <li>7)OKADA Yoshinori</li> <li>8)TSUJI Kazuaki</li> <li>9)KIM Sukchan</li> </ul>
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(57) Abstract :

An electro chromic display element and a display apparatus and a driving method using the same are provided. The electro chromic display element includes at least a display substrate 1b; a display electrode 1 provided on the display substrate 1b; an electro chromic layer 3 provided on the display electrode 1; an opposing substrate 2b; multiple opposing electrodes 2 which are provided on the opposing substrate 2b and which are arranged to oppose the display electrode 1; and an electrolytic layer 4 provided such that it is placed between the display electrode 1 and the multiple opposing electrodes 2. The electro chromic display element further includes an erasing electrode 5 which is a third electrode which is placed between the display electrode 1 and the multiple opposing electrodes 2 and which is arranged such that the electro chromic layer 3 is placed between the third electrode and the display electrode 1.

No. of Pages : 63 No. of Claims : 10

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : MONITORIN	G GEOFENCE EXIT	
<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>	:H04W4/02 :13/152972 :03/06/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)APPLE INC.</li> <li>Address of Applicant :1 Infinite Loop Cupertino California</li> <li>95014 2094 U.S.A.</li> </ul>
<ul><li>(86) International Application No Filing Date</li><li>(87) International Publication No</li></ul>	:PCT/US2012/038004 :15/05/2012 :WO 2012/166356	<ul><li>(72)Name of Inventor :</li><li>1)GROSMAN Yefim</li><li>2)MARTI Lukas M.</li></ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)GRAINGER Morgan 4)MAYOR Robert 5)HUANG Ronald K.
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

Methods program products and systems for monitoring geofence exits using wireless access points are disclosed. In general in one aspect a mobile device can detect one or more entry gateways that are wireless access points selected for monitoring a geofence. The mobile device can determine that the mobile device is located in the geofence based on the detection. The mobile device can monitor the entry gateways and one or more exit gateways which can be wireless access points observable by the mobile device when the mobile device is in the geofence. When the mobile device determines after a number of scans using a wireless processor that the entry gateways and exit gateways are unobservable the mobile device can use an application processor to determine whether the mobile device has exited from the geofence.

No. of Pages : 75 No. of Claims : 24

### (19) INDIA

(22) Date of filing of Application :04/11/2013

### (43) Publication Date : 27/02/2015

### (54) Title of the invention : OFF GAS CHANNEL

<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>	:B01D47/06,F27D25/00,F23J15/04 :U20114077 :29/06/2011 :Finland :PCT/FI2012/050607 :14/06/2012	<ul> <li>(71)Name of Applicant :</li> <li>1)OUTOTEC OYJ Address of Applicant :Puolikkotie 10 FI 02230 Espoo Finland</li> <li>(72)Name of Inventor :</li> <li>1)PEKKALA Olli</li> </ul>
(87) International Publication No	:WO 2013/001156	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An off gas channel (1) of a closed type smelting furnace (2) the off gas channel (1) comprising a first end (3) opening to the upper part of the smelting furnace (2) and a second end (4) opening to a gas cleaning apparatus (5) for leading the furnace off gases to the gas cleaning apparatus. The off gas channel com prises at least one cleaning nozzle (6 7 8 9) adapted to spray pressurized fluid to the inner surface of the off gas channel.

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

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A METHOD OF CONTROLLING A FUEL INJECTION SYSTEM AND A DEVICE THEREOF

(51) International classification	:F41F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMACHANDRA Pradeep
(61) Patent of Addition to Application Number	:NA	2)REDDEMREDDY Pramod
Filing Date	:NA	3)ANANTHA Prashanth
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of controlling a gravity-fed electronic fuel injection system (200) for an internal combustion engine (628). The method includes the steps of determining engine speed and load requirements, ascertaining current phase in a four stroke cycle of combustion of the internal combustion engine (628), and positioning a start point and a stop point of a fuel injection in any of the four strokes of the internal combustion engine (628) based on the engine speed and load requirements, and the current stroke of the four stroke cycle. In an embodiment, an Electronic Control Unit (ECU) (208) is provided. The ECU (208) includes means for determining speed and load requirements of the internal combustion engine (628), means for ascertaining current phase in a four stroke cycle of combustion, and means for positioning a start point and a stop point of a fuel injection in any of the four stroke stroke of the internal combustion engine (628).

No. of Pages : 19 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :19/08/2013

### (43) Publication Date : 27/02/2015

(54) Title of the invention : A DEVICE AND METHOD FOR COUPLING AND DRIVING AN ALTERNATOR ATTACHED TO A VEHICLE 

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARKAR Sushanta
(61) Patent of Addition to Application Number	:NA	2)BOREDDY Balakrishna Reddy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A device for coupling and driving an alternator (100) removably attachable to a vehicle engine (101) is disclosed. The device in accordance with one embodiment of the invention includes a first power transmission means (102) for coupling an engine output shaft (103) to an intermediate transmission shaft (104). A second power transmission means (105) couples the intermediate transmission shaft (104) to an alternator input shaft (106). An engine control unit (ECU) (107) is adapted to operate the engine (101) in a power generation mode to drive said alternator (100).

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

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : AN ECO JUMPER ASSEMBLY FOR THE TREATMENT OF MALOCCLUSION

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR SANU TOM ABRAHAM
(32) Priority Date	:NA	Address of Applicant :29/2950 E, `THADATHEL ,
(33) Name of priority country	:NA	JAWAHAR GREENS SREESUBRAMANYA TEMPLE
(86) International Application No	:NA	ROAD, JAWAHAR ROAD, GANDHI SQUARE,
Filing Date	:NA	POONITHURA, ERNAKULAM KERALA INDIA PIN 682038
(87) International Publication No	: NA	Kerala India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR SANU TOM ABRAHAM
(62) Divisional to Application Number	:NA	2)DR MEENU MERRY C PAUL
Filing Date	:NA	

(57) Abstract :

The present invention relates to malocclusions and more particularly to device for the correction of Class II Division 1 malocclusion. In one embodiment this is accomplished by an eco jumper assembly having at least one lock needle with a first end, a second end and an intermediate hollow elongated body between the first end and the second end and at least two steel rods, a first steel rod and a second steel rod, each rod having a loop end, wherein each loop end is bent at a predetermined angle, where the first steel rod is fixed interiorly with the intermediate elongated body of the needle and the second steel rod is arranged with the needle such that the second steel rod will engage with the needle during maximum mouth opening.

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

### (19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : ISOTOPES OF ACTINIDES FROM Z = 108 TO ANY Z BY R. VELMURUGAN

(51) International classification	:G21F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. VELMURUGAN
(32) Priority Date	:NA	Address of Applicant :146/5, NORTH STREET,
(33) Name of priority country	:NA	SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI
(86) International Application No	:NA	(T.K), CUDDALORE (DT) - 606 112 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to R.Velmurugan the ratio between mass number and atomic number of lanthanides found to be aconstant ,the ratio between mass number and atomic number of actinides also found to be a constant ie A/Z for lanthanide =2.435166436gram-mole/atomic number, A/Z value of actinides = 2.533389223gram-mole/atomic number.From A/Z value of lanthanides and actinides i could able to predict new lanthanides and actinides and their interaction with protium,duetrium,tritium,neutron and alpha particle.

No. of Pages : 19 No. of Claims : 3

### (19) INDIA

(22) Date of filing of Application :08/11/2013

### (43) Publication Date : 27/02/2015

### (54) Title of the invention : POWER GENERATING DEVICE

classification       :H02K16/02,H02K1/27,H02K21/04         (31) Priority Document No       :2011093435         (32) Priority Date       :19/04/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)T. K Leverage Co. Ltd. Address of Applicant :1003 Ichigaya Kasuga Mansion 58 Ichigayayakuoujimachi Shinjuku ku Tokyo 1620063 Japan (72)Name of Inventor :</li> <li>1)KOBAYASHI Takaitsu</li> </ul>
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(57) Abstract :

The present invention provides a power generating device capable of changing magnetic force acting on an electromotive coil and obtaining efficient power generation. The power generating device comprises: a first permanent magnet member (1) and a second permanent magnet member (2) that are concentrically arranged to form a nesting structure; and an electromotive coil member (3). The power generating device is configured so as to induce power generation in the electromotive coil member (3) by rotating the first permanent magnet member (1) or/and the second permanent magnet member (2). The first and second permanent magnet members (1 2) change magnetic force in cooperation with each other thereby obtaining efficient power generation.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : PESTICIDAL METHODS USING SUBSTITUTED 3 PYRIDYL THIAZOLE COMPOUNDS AND DERIVATIVES FOR COMBATING ANIMAL PESTS I

(51) International classification (31) Priority Document No	:A01N25/00,A01N43/78 :61/508090	(71)Name of Applicant : 1)BASF SE
(32) Priority Date	:15/07/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/063813	1)KAISER Florian
Filing Date	:13/07/2012	2)VEITCH Gemma
(87) International Publication No	:WO 2013/010946	3)NARINE Arun
(61) Patent of Addition to Application	:NA	4)DICKHAUT Joachim
Number	:NA	5)K–RBER Karsten
Filing Date	.114	6)DESHMUKH Prashant
(62) Divisional to Application Number	:NA	7)BANDUR Nina Gertrud
Filing Date	:NA	

### (57) Abstract :

The present invention relates to pesticidal methods for the use and application of substituted 3 pyridyl thiazole compounds and the stereoisomers salts tautomers and N oxides thereof and to compositions comprising the same. The invention also relates to insecticidal substituted 3 pyridyl thiazole compounds or of the compositions comprising such compounds for combating invertebrate pests and uses thereof. The substituted 3 pyridyl thiazole compounds of the present invention are defined by the following general formula (I) wherein R R A and m are defined as in the description.

No. of Pages : 167 No. of Claims : 20

### (19) INDIA

(22) Date of filing of Application :12/09/2013

(54) Title of the invention : CLAMPING FIXTURE		
<ul> <li>(51) International classification</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>	:B23Q1/00 :01421/13 :20/08/2013 :Switzerland :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)EROWA AG Address of Applicant :WINKELSTRASSE 8, CH-5734, REINACH Switzerland (72)Name of Inventor : 1)HANS HEDIGER

(57) Abstract :

A clamping fixture comprises a clamping base member (1) and a workpiece pallet (2) for fixedly clamping thereto. The clamping base member (1) features a number of clamping spigots (43) corresponding in number to that of the clamping devices (5) for fixedly clamping in place in each clamping device (5). Arranged on the clamping base member (1) are first centering members (4) which cooperate with the further centering members (38) arranged on the workpiece pallet (2) such that the workpiece pallet (2) is aligned in place when fixedly clamping to the clamping base member in the X-direction and Y-direction. Each clamping device (5) features a clamping socket (6), the top side of which forms the Z-mount for the workpiece pallet (2). The Z-mount of the clamping base member (1) is formed by a plurality of face portions (11) topping each clamping socket (6), and wherein each face portion (11) is provided with at least one outflow port (12) for a cleaning medium. Each clamping socket (6) is provided with a hollow protuberance (10) extending down to the underside of the clamping base member (1).

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

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

(19) INDIA

### (22) Date of filing of Application :13/11/2013

### (43) Publication Date : 27/02/2015

## (54) Title of the invention : INFORMATION PROCESSING DEVICE METHOD FOR CONTROLLING INFORMATION PROCESSING DEVICE PROGRAM AND INFORMATION RECORDING 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> <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>	:2011112157 :19/05/2011 :Japan :PCT/JP2012/059518 :06/04/2012 :WO 2012/157367 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SONY COMPUTER ENTERTAINMENT INC. Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075</li> <li>Japan</li> <li>(72)Name of Inventor :</li> <li>1)YAMAMOTO Hirotsugu</li> </ul>
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract :

The present invention enables the changing of a region in which information that is to be displayed is not displayed within a display in accordance with the detection position of a touch sensor disposed opposite a touch sensor disposed overlapping the display. An information processing device (1) is provided with: a touch panel (12) configured containing a display and a front surface touch sensor that is disposed overlapping the display and that detects the position of an object on a detection surface; a back surface touch sensor (18) that is disposed opposite the front surface touch sensor and that detects the position of an object on a detection surface; and a control unit. On the basis of at least one detection position from the back surface touch sensor (18) the control unit identifies one of two regions respectively disposed at the left and right constituting a portion of the display as a forbidden region and displays information that is to be displayed at the region other than the forbidden region in the display.

No. of Pages : 65 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/11/2013

(54) Title of the invention : RADIOLABELLED GLUTAMINYL CYCLASE INHIBITORS

(43) Publication Date : 27/02/2015

#### :A61K51/04,A61K101/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)PROBIODRUG AG :61/490654 (32) Priority Date Address of Applicant : Weinbergweg 22 06120 Halle/Saale :27/05/2011 (33) Name of priority country :U.S.A. Germany (86) International Application No (72)Name of Inventor : :PCT/EP2012/059649 Filing Date :24/05/2012 1)HEISER Ulrich (87) International Publication No :WO 2012/163773 2)RAMSBECK Daniel (61) Patent of Addition to Application **3)DEMUTH Hans Ulrich** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to the use of radiolabelled glutaminyl cyclase (QC) inhibitors as imaging agents in particular but not exclusively as medical imaging agents for the detection of neurological disorders. The invention also relates to pharmaceutical compositions comprising said radiolabelled inhibitors and to methods and kits for detecting neurological disorders.

No. of Pages : 55 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : PYRANO [3 2 D] [1 3] THIAZOLE AS GLYCOSIDASE INHIBITORS

### (57) Abstract :

Novel compounds of formula (I) wherein R to R and X have the meaning according to the claims are glucosidase inhibitors and can be employed inter alia for the treatment of Alzheimer s disease.

No. of Pages : 120 No. of Claims : 15

### (19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : LOW ROUGHNESS HIGH SURFACE ENERGY ANTI MICROBIAL FABRIC

(51) International classification	:D06M15/643,D06B1/02,D06B1/12	(71)Name of Applicant : 1)WARWICK MILLS INC.
(31) Priority Document No	:61/503985	Address of Applicant :301 Turnpike Road New Ipswich New
(32) Priority Date	:01/07/2011	Hampshire 03071 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
No Filing Date (87) International Publication	:PCT/US2012/000301 :28/06/2012 :WO 2013/006203	1)HOWLAND Charles A.
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	

(57) Abstract :

A self decontaminating fabric is manufactured from fibers such as Tencel having high surface energy and low surface roughness. Novel scouring methods eliminate substantially all contaminants from the fibers and a novel coating process applies an anti pathogen coating such as a halogen compound to the fabric so as to provide rapid deactivation of pathogens on contact. Novel charging methods activate or reactivate the coating typically by exposure to chlorine. The coating is substantially free of gap regions where pathogens can survive. The high surface energy of the fibers allows a high coating concentration and provides close contact between attached pathogens and the coating. The low surface roughness reduces the pickup of pathogens by the fibers. Multi layer embodiments include an outer layer configured for maximum anti pathogen coating concentration and an inner layer configured for a reduced coating concentration that is compatible with skin contact.

No. of Pages : 58 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE 2 METHYLPROLINE DERIVATIVE (51) International classification :C07D207/16 (71)Name of Applicant : (31) Priority Document No **1)KANEKA CORPORATION** :2011159364 (32) Priority Date Address of Applicant :3 18 Nakanoshima 2 chome Kita ku :20/07/2011 (33) Name of priority country Osaka shi Osaka 5308288 Japan :Japan (72)Name of Inventor : (86) International Application No :PCT/JP2012/068187 1)NISHIYAMA Akira Filing Date :18/07/2012 (87) International Publication No :WO 2013/011999 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An optically active 2 methylproline derivative can be produced by forming a salt from a racemic 2 methylproline derivative and an optically active 1 arylethylamine derivative and causing the salt to be precipitated from a solvent in the form of a solid.

No. of Pages : 22 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : POLYHERBAL SLEEP INDUCING 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 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)TABLETS (INDIA) LIMITED Address of Applicant :179, T.H. ROAD, CHENNAI - 600 081 Tamil Nadu India </li> <li>(72)Name of Inventor : 1)R. THIRUVENGADAM 2)M. KUMARAVEL 3)N. MATHAN</li></ul>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates polyherbal sleep inducing composition comprising 70 to 75% of Valeriana officinalis, 15 to 20% of Passiflora incarnata, and 6 to 8% of Humulus lupulus

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

### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:G06F	(71)Name of Applicant :	
(31) Priority Document No	:13/754,695	1)INTUIT INC.	
(32) Priority Date	:30/01/2013	Address of Applicant :2700 COAST AVENUE, MOUNTAIN	
(33) Name of priority country	:U.S.A.	VIEW, CA 94043 U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)BALAZS ALEX G.	
(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 : DATA-PRIVACY MANAGEMENT TECHNIQUE

(57) Abstract :

A technique for controlling release of data associated with an account is described. During this data-privacy management technique, a computer system provides at least a subset of data associated with an account to a third party based on a first consent (which may be received from a user of the account). This subset may have a first classification based on a predefined taxonomy. Subsequently, the third party may notify the computer system that additional data has been derived from the data. In response, the computer system may determine a second classification of the additional data based on a predefined taxonomy. If this second classification is other than a subset of the first classification, the computer system may request a second consent (for example, from the user).

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

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/106572	1)IMIDUS Technologies Inc.
(32) Priority Date	:12/05/2011	Address of Applicant :10855 Fairfax Blvd. Third Floor Fairfax
(33) Name of priority country	:U.S.A.	Virginia 22030 U.S.A.
(86) International Application No	:PCT/US2011/037371	(72)Name of Inventor :
Filing Date	:20/05/2011	1)IM Sungbin
(87) International Publication No	:WO 2011/143675	
(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 : POINT OF SALE SYSTEM USING PREPAID/GIFT CARD NETWORK

(57) Abstract :

A method and apparatus for operating a gift card network receives registration data from first and second merchants having points of sale to establish membership of the merchants in a gift card network. Card issuance data from the first merchant is then received the data including a unique serial number and monetary value associated with a network gift card issued by the first merchant the card being redeemable at merchants which have established membership in the gift card network. When a transaction using the card issued by first merchant occurs at second merchant transaction data is received from second merchant the data indicating at least a portion of the monetary value of the network gift card has been redeemed at second merchant. In response the system applies a credit to first merchant the credit being equal to or derived from the value that has been redeemed at the second merchant.

No. of Pages : 18 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : LOW LOADING TITANATE INORGANIC PIGMENTS FOR USE IN INFRARED REFLECTIVE COLORS

(51) International classification	:C01G23/00	(71)Name of Applicant :
(31) Priority Document No	:61/505347	1)THE SHEPHERD COLOR COMPANY
(32) Priority Date	:07/07/2011	Address of Applicant :4535 Dues Drive Cincinnati OH 45246
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/045370	(72)Name of Inventor :
Filing Date	:03/07/2012	1)WHITE James
(87) International Publication No	:WO 2013/006602	2)MONTGOMERY Doris
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract :

.Complex inorganic titanate pigments with low dopant levels (less than about 5 %) exhibit coloristic and enhanced infrared (IR) reflectance characteristics that make them useful in formulating colors exhibiting high IR reflectivity. This characteristic is becoming increasingly useful as a way to keep exterior surfaces a articles cooler during exposure to direct sunlight. Achieving this can decrease energy (cooling/air conditioning) consumption and costs. Low loaded titanat can boost IR reflectivity by 1 to 10 % in selected visual color spaces. Paint compositions containing those low loaded titanate pigments and a method for providing a surface with high infrared reflectance utilizing those pigments are also disclosed.

No. of Pages : 27 No. of Claims : 18

(21) Application No.10085/CHENP/2013 A

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : SYSTEMS AND METHODS TO GENERATE A SELF CONFINED HIGH DENSITY AIR PLASMA

(51) International classification	:H01J23/07	(71)Name of Applicant :
(31) Priority Document No	:61/498,281	1)THE CURATORS OF THE UNIVERSITY OF
(32) Priority Date	:17/06/2011	MISSOURI
(33) Name of priority country	:U.S.A.	Address of Applicant :340A Christopher S Bond Life Sciences
(86) International Application No	:PCT/US2012/041332	Center 1201 East Rollins Road Columbia Missouri 65211 7310
Filing Date	:07/06/2012	U.S.A.
(87) International Publication No	:WO 2012/173864 A1	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)CURRY Randy D.
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

This disclosure relates to methods and devices for generating electron dense air plasmas at atmospheric pressures. In particular this disclosure relate to self contained toroidal air plasmas. Methods and apparatuses have been developed for generating atmospheric toroidal air plasmas. The air plasmas are self confining can be projected and do not require additional support equipment once formed.

No. of Pages : 34 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :18/12/2013

### (43) Publication Date : 27/02/2015

(54) Title of the invention : TRAMPOLIN	JEN	
<ul> <li>(51) International classification</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>	:A63B5/11 :61/497,600 :16/06/2011 :U.S.A. :PCT/NZ2012/000101 :15/06/2012 :WO 2012/173503 A1 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BOARD &amp; BATTEN INTERNATIONAL INC Address of Applicant :c/ International Management Services Harbour Centre 4th Floor North Church Street Georgetown BWI Cayman Island</li> <li>(72)Name of Inventor :</li> <li>1)MILLER David Jethro</li> <li>2)ALEXANDER Keith Vivian</li> </ul>

(57) Abstract :

A trampoline comprises a mat a frame and a plurality of support rods connecting between the frame and the mat to hold the mat in tension above the frame the support rods extending or bowing outwards from the frame and curving upwards from the frame towards the mat. Each of the support rods may have an associated shorter secondary support rod. The support rods may have a rectangular cross section.

No. of Pages : 54 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/08/2013

### (43) Publication Date : 27/02/2015

### (54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR OBJECT DETECTION AND SEGMENTATION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NOKIA CORPORATION</li> <li>Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo,</li> </ul>
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Soumik Ukil
(87) International Publication No	: NA	2)Veldandi Muninder
(61) Patent of Addition to Application Number	:NA	3)Krishna Annasagar Govindarao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an example embodiment, a method, apparatus and computer program product are provided. The method includes facilitating receipt of a first image and a second image of a scene comprising one or more objects. The method includes detecting the objects in the first image by detecting object point of the objects in the first image. The method includes detecting the object points of the objects in the second image based on detection of the object points of the objects in the first image. Detection of an object point in the second image that corresponds to an object point of the first image comprises searching for the object point on an epipolar line in the second image corresponding to the object point of the first image. The method includes determining disparity values between the objects points in the first image and the object points in the second image.

No. of Pages : 48 No. of Claims : 46

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

<ul> <li>(51) International 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>i:F16F9/34,B63B21/00,F03B13/12</li> <li>i:PI2011A000052</li> <li>i:03/05/2011</li> <li>i:Italy</li> <li>i:PCT/IB2012/052229</li> <li>i:03/05/2012</li> <li>i:WO 2012/156854</li> <li>i:NA</li> <li>i:NA</li> <li>i:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)CUCE Giorgio <ul> <li>Address of Applicant :Via Goito 38 I 57127 Livorno Italy</li> </ul> </li> <li>2)CUCE Antonio <ul> <li>3)ERMINI Claudio</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)CUCE Giorgio</li> <li>2)CUCE Antonio</li> <li>3)ERMINI Claudio</li> </ul> </li> </ul>

### (54) Title of the invention : STRUCTURE OF HYDRAULIC DAMPER

(57) Abstract :

(19) INDIA

A structure of hydraulic damper (100) comprises a cylinder (10) with a bottom wall (11) a head wall (12) and side walls (13) that define a damping chamber (15) containing a damping fluid (17); in the damping chamber (15) a piston (20) slides with a first face (20a) and a second face (20b) opposite to each other. In particular the piston (20) defines a first chamber (21) and a second chamber (22) separate from each other and is integral to a shaft (25) with an external connection end (36). The piston (20) is suitable for carrying out a forward stroke (A) between a first dead point (BDP) towards a second dead point (TDP) and a back stroke (B) between the second dead point (TDP) and the first dead point (BDP). In particular the piston (20) comprises a plurality of permanent holes (33) suitable for permanently connecting the first chamber (21) and second chamber (22) and a plurality of apertures (26) associated each to a plurality of plug elements (37) pivotally connected by connection means (40) on a face of the piston (20) at the apertures (26). The plug elements (37) are suitable to pass spontaneously from a closed configuration (C) in which they close the apertures (26) and allow the leakage of the damping fluid (17) through the plurality of permanent holes (33) in order to damp the movement of the piston (20) to an open configuration (D) in which they open the apertures (26) and allow the free passage of the damping fluid (17) between the first (21) and second chamber (22) allowing a substantial passage of the damping fluid (17) between the first (21) and second chamber (22) in order to reduce the time that takes the piston (20) in the return stroke to return to the starting position BDP.

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

### (19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A NOVEL COMPOSITION OF CURCUMIN WITH ENHANCED BIOAVAILABILITY

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Plant Lipids Private Limited
(32) Priority Date	:NA	Address of Applicant :Kolenchery, Cochin,Kerala, India
(33) Name of priority country	:NA	Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Gopi Sreeraj
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses a curcumin composition for increasing the bioavailability of curcumin, which consists of curcumin mixture and water extract in a ratio of 70:30. The curcumin mixture comprises curcumin dry crystals, volatile oil, fixed oil whereas water extract comprises soluble proteins, dietary fibers and carbohydrates extracted from turmeric. The composition also consists of a natural emulsifier isolated from Quillaja saponaria and lecithin. The composition increases rate of availability of curcumin as the dietary fibers holds the curcumin for long time. The soluble proteins increase the solubility of curcumin in water thus increasing absorption of curcumin in blood and the essential oil increases dispensability. The invention also discloses the method of preparation of the composition. The curcumin composition showed bioequivalence with 500mg curcumin capsules, exhibited anti-aging, antioxidant, anti-inflammatory activities and is also effective in boosting the phagocyte mediated immunity suggesting as natural therapy for treatment of various diseases.

No. of Pages : 17 No. of Claims : 8

### (19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND METHOD FOR IMPROVING POWER CONVERSION EFFICIENCY (71)Name of Applicant : (51) International classification :H02M 1)GENERAL ELECTRIC COMPANY (31) Priority Document No :201210507595.0 Address of Applicant :1 RIVER ROAD, SCHENECTADY, (32) Priority Date :30/11/2012 NEW YORK 12345 U.S.A. (33) Name of priority country :China (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)MAO, SAIJUN : NA (87) International Publication No (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A power conversion system includes at least one switching unit. The switching unit includes a switching device including a channel and a body diode integrated with the channel. The switching device includes a first terminal, a second terminal, and a third terminal. The channel provides a positive direction current flow path to allow a positive direction current to flow through in response to a first turn-on switching control signal supplied to the first terminal. The body diode provides a first negative direction current flow path to allow a negative direction current to flow through in response to a first turn-off switching control signal. The channel provides a second negative direction current flow path to allow the negative direction current to flow through in response to a second turn-on switching control signal. A method for operating the power conversion system is also provided.

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

### (19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:h01g	(71)Name of Applicant :
(31) Priority Document No	:1262666	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:21/12/2012	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)DUJEU, OLIVIER
(87) International Publication No	: NA	2)GUILLERMIN, CHRISTOPHE
(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 : SELF-PROTECTED LOW-VOLTAGE CAPACITOR

(57) Abstract :

Self-protected low-voltage capacitor The capacitor (2) according to the invention comprises: - an enclosure (4); - an insulating material (6) contained in the enclosure (4); - a capacitive device (8) comprising two conductive layers and at least one dielectric layer formed from a dielectric material and inserted between the two conductive layers; and - a protection device (12) comprising a mechanism (40) for disconnecting the capacitive device (8) in case of overpressure in the enclosure (4); and characterized in that it further comprises, inside the enclosure (4), a degassing material (58) capable of releasing gas at a degassing temperature (Tgaz) below the decomposition temperature of the dielectric material to generate an overpressure in the enclosure (4).

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

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:B01J21/00	(71)Name of Applicant :
(31) Priority Document No	:61/491292	1)BABCOCK & WILCOX POWER GENERATION
(32) Priority Date	:30/05/2011	GROUP INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :20 S. Van Buren Avenue Barberton OH
(86) International Application No	:PCT/US2012/039427	44203 U.S.A.
Filing Date	:24/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/166543	1)GUO Xiaoyu
(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 : CATALYSTS POSSESSING AN IMPROVED RESISTANCE TO POISONING

(57) Abstract :

The present invention relates generally to the field of catalysts for use in connection with one or more types of emissions control (e.g. emissions control associated with the combustion of one or more types of fossil fuel) and in particular to catalyst compositions that possess an improved resistance to at least one type of poisoning. In another embodiment the catalysts of the present invention are designed to be utilized in conjunction with an SCR and possess an improved resistance to phosphorus poisoning.

No. of Pages : 39 No. of Claims : 62

(22) Date of filing of Application :16/12/2013

## (54) Title of the invention : ANTI PARASITIC COMPOSITION COMPRISING A MACROCYCLIC LACTONE AND LEVAMISOLE AND METHOD OF TREATMENT OF PARASITIC INFESTATION

(51) International classification:A61K31/366,A61K31/429,A61P33/00(31) Priority Document No:593713(32) Priority Date:23/06/2011(33) Name of priority country:New Zealand(86) International Application No Filing Date:PCT/NZ2012/000104(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/177151(82) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BAYER NEW ZEALAND LIMITED Address of Applicant :c/ Level 12 KPMG Centre 85 Alexandra Street Hamilton 3204 New Zealand</li> <li>(72)Name of Inventor :</li> <li>1)LEECH Wayne Frederick</li> <li>2)ALAWI Fadil Al</li> <li>3)NANJAN Karthigeyan</li> </ul>
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(57) Abstract :

This invention relates to a veterinary antiparasitic solubilised composition including a macrocyclic lactone or a pharmaceutically equivalent salt thereof and levamisole or a pharmaceutically equivalent salt thereof characterised in that the pH of the composition is in the range of 2.0 to 5.0 and wherein the composition includes at least one surfactant and at least one antioxidant.

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

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : SYNTHESIS OF HYBRID CYCLIC PEPTOIDS THROUGH DIFFERENTIAL CYCLIZATION OF MONOMER AND SCREENING FOR AUTOPHAGY MODULATION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
(32) Priority Date	:NA	SCIENTIFIC RESEARCH
(33) Name of priority country	:NA	Address of Applicant :Jakkur, Bangalore 560064, Karnataka,
(86) International Application No	:NA	India Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOVINDARAJU THIMMAIAH
(61) Patent of Addition to Application Number	:NA	2)KOLLA RAJASHEKHAR
Filing Date	:NA	3)RAVI MANJITHAYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for synthesis of hybrid cyclic compounds from functionalized amines. In particular, the disclosure relates to a process for the synthesis of small and medium sized hybrid cyclic peptoids from functionalized N -(2-aminoethyl) glycine methyl ester monomers. The disclosure further relates to six and 12 membered hybrid cyclic compounds and applications of said compounds in modulation of autophagy.

No. of Pages : 73 No. of Claims : 23

#### (19) INDIA

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

#### (54) Title of the invention : A MULTI FACILITY L,E,D LIGHTING SYSTEM :F21V (71)Name of Applicant : (51) International classification (31) Priority Document No :NA 1)V. RAJAN (32) Priority Date :NA Address of Applicant :NEW. 217, OLD, 17, 42 STREET, 8TH SECTOR, K.K. NAGAR, CHENNAI - 600 078 Tamil Nadu India (33) Name of priority country :NA (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1) VEERARAGHAVAN RAJAN (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 Multi Facility LED lighting system consisting of plurality of LED lamps forming an illuminating display, the display consisting of plurality of LED segments arranged in appropriate ways depending on the lamp specification on the base plate. Each segment is controlled by a remote control, through a switching circuit and powered by a power circuit unit, each segment is easily attachable and detachable from the base plate of the display, the faulty LED segment is easily removable and attachable by a simple screw or bolt and nut arrangement, the base plate will be embedded with positive and negative supply tracks, the power supply gets connected to the each segment through mechanical fixing arrangement with the base plate, a power circuit having ac/dc converter to power LEDs and additional battery with charger and in case of mains failure the supply is fed from the battery to the LED segments.

No. of Pages : 16 No. of Claims : 4

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR CLOUD BRIDGING BETWEEN PUBLIC AND PRIVATE CLOUDS

classification:H04L12/46,H04L29/08,H04L29/061(31) Priority Document No:61/483391(32) Priority Date:06/05/2011(33) Name of priority country :U.S.A.(72)(86) International Application:PCT/US2012/036634	<ul> <li>71)Name of Applicant :</li> <li>1)CITRIX SYSTEMS INC. Address of Applicant :851 West Cypress Creek Road Fort auderdale FL 33309 U.S.A.</li> <li>72)Name of Inventor :</li> <li>1)CHAUHAN Abhishek</li> <li>2)DOWNING Peter</li> </ul>
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#### (57) Abstract :

The cloud bridge may comprise a tunnel between a datacenter network via a WAN to a cloud network. The cloud bridge makes cloud hosted applications appear as though they are running on one contiguous enterprise network. With a cloud bridge in place administrators tools and the applications believe that the application resides on the enterprise network.

No. of Pages : 119 No. of Claims : 20

#### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : CATALYSTS

<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> </ul>	:PCT/IB2011/051876 :28/04/2011 :WO 2012/146950	<ul> <li>(71)Name of Applicant :</li> <li>1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED Address of Applicant :1 Sturdee Avenue Rosebank 2196</li> <li>Johannesburg South Africa</li> <li>2)BASF NEDERLAND B.V.</li> <li>(72)Name of Inventor :</li> <li>1)SANDEE Albertus Jacobus</li> <li>2)TERORDE Robert Johan Andreas Maria</li> </ul>
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for preparing a catalyst precursor includes forming a slurry of particles of an insoluble metal compound where the metal of the insoluble metal compound is an active catalyst component with particles and/or one or more bodies of a pre shaped catalyst support in a carrier liquid. The particles of the insoluble metal compound are thus contacted with the particles and/or the one or more bodies of the pre shaped catalyst support. A treated catalyst support is thereby produced. Carrier liquid is removed from the slurry to obtain a dried treated catalyst support which either directly constitutes the catalyst precursor or is optionally calcined to obtain the catalyst precursor.

No. of Pages : 62 No. of Claims : 16

#### (21) Application No.5732/CHE/2013 A

### (19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : REMOVABLE CROWN			
<ul> <li>(54) Title of the invention : REMOVABLE CROWN</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>	:A61B :12197843.1 :18/12/2012 :EPO :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MECO S.A.</li> <li>Address of Applicant :SCHUTZENGASSE 30, 2540</li> <li>GRENCHEN Switzerland</li> <li>(72)Name of Inventor :</li> <li>1)BRISWALTER, SEBASTIEN</li> <li>2)ZINGG, MANUELA</li> </ul>	

(57) Abstract :

Crown including a cap formed of a cover integral with a lateral skirt, characterized in that the crown includes a removable deck ring.

No. of Pages : 15 No. of Claims : 12

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

#### (43) Publication Date : 27/02/2015

# (54) Title of the invention : CHANNEL STATE INFORMATION NOTIFICATION METHOD WIRELESS BASE STATION DEVICE USER TERMINAL AND WIRELESS COMMUNICATION SYSTEM

Application Number Filing Date (62) Divisional to	<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> </ul> </li> </ul>	:02/05/2011 :Japan :PCT/JP2012/053827 :17/02/2012 :WO 2012/150665 :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)TAKEDA Kazuaki</li> <li>2)ABE Tetsushi</li> <li>3)KISHIYAMA Yoshihisa</li> <li>4)NAGATA Satoshi</li> </ul>
Application Number Filing Date :NA	Application Number Filing Date		

(57) Abstract :

The present invention flexibly notifies a set of non cyclical channel state information to a plurality of coordinated wireless base station devices even during a coordinated multipoint (CoMP) transmission and reception. A wireless communication system is characterized by being equipped with: a wireless base station device for transmitting to a user terminal via a downlink control channel an uplink schedule grant containing a request field for requesting the notification of a set of channel state information from a user terminal and an identification field for identifying the wireless base station device to which the set of non cyclical channel state information is to be notified from among the plurality of wireless base station devices performing coordinated multipoint transmission and reception; and a user terminal for estimating the channel state of the wireless base station device designated by means of the combination of the request field and the identification field and for notifying the set of channel state information to said wireless base station device via an uplink common channel.

No. of Pages : 74 No. of Claims : 15

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : APPARATUS AND METHODS FOR OPTIMIZING SCHEDULED OPERATIONS IN HYBRID NETWORK ENVIRONMENTS

<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> <li>SI</li> </ul>	H04W72/12 61/488663 20/05/2011 U.S.A. PCT/US2012/038715 18/05/2012 WO 2012/170185 NA NA NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)APPLE INC. Address of Applicant :1 Infinite Loop Cupertino CA 95014</li> <li>U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SHI Jianxiong</li> <li>2)CHAUDHARY Madhusudan</li> <li>3)SU Li</li> <li>4)MAHE Isabel</li> </ul>
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#### (57) Abstract :

Methods and apparatus for intelligent scheduling of client device tasks based on one or more network scheduling constraints. During normal network operation a client device performs an array of scheduled maintenance tasks to optimize network performance (e.g. signal strength measurements etc.) However during hybrid network operation regularly scheduled maintenance tasks for a first network can interrupt higher priority tasks on other networks. Consequently the present invention in one embodiment provides a method for a client device to properly prioritize and re schedule maintenance tasks. For example CDMA 1X cell selection (or cell re selection) procedures have flexible time constraints and can be postponed (or expedited) to minimize impact on LTE network traffic.

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

(19) INDIA

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

(54) Title of the invention : APPLICATION CONTAINER

#### (43) Publication Date : 27/02/2015

(51) International classification	:B65D83/00,B65D47/42	(71)Name of Applicant :
(31) Priority Document No	:2011114814	1)TOKO YAKUHIN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:23/05/2011	Address of Applicant :14 25 Naniwa cho Kita ku Osaka shi
(33) Name of priority country	:Japan	Osaka 5300022 Japan
(86) International Application No	:PCT/JP2012/062751	(72)Name of Inventor :
Filing Date	:18/05/2012	1)HAYAKAWA Masaki
(87) International Publication No	:WO 2012/161111	2)WATANABE Tomoyuki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Provided is an application container wherein it is less likely for a drug solution to be wasted or to leak after application compared to conventional application containers. Moreover with said application container it is possible to easily apply a drug solution to a narrow site. A container main body (10) for storing a drug solution an inside plug (20) for opening an outlet hole (24a) for the drug solution at the tip of a nozzle tube (24) an applicator (30) using a sponge material having an application part (31) to be placed over the nozzle tube (24) and a cap (50) are assembled together. The application container is configured such that the outlet hole (24a) is closed as a consequence of the application part (31) being pressed onto the tip surface of the nozzle tube (24) when the cap (50) is attached to the mouth (12) of the container main body (10) and such that the drug solution seeps out from the surface of the application part (31) as a consequence of the outlet hole (24a) being opened when the cap (50) is removed from the mouth (12).

No. of Pages : 22 No. of Claims : 9

#### (19) INDIA

(22) Date of filing of Application :23/08/2013

#### (54) Title of the invention : CONNECTOR HOUSING WITH A MONOLITHICALLY INTEGRATED TERMINAL POSITIONING ASSURANCE 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 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)TYCO ELECTRONICS CORPORATION INDIA PVT.</li> <li>LTD.</li> <li>Address of Applicant :TE PARK, 22B DODDENAKUNDI</li> <li>INDUSTRIAL AREA, 560 048, BANGALORE Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)HUGAR, DANAPPA</li> <li>2)ASIE ASIE</li> </ul>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ASIF, ASIF 3)C R, GURUMURTHY
(62) Divisional to Application Number Filing Date	:NA :NA	4)BIDI, VIKRAM VILAS

#### (57) Abstract :

Connector Housing with a Monolithically Integrated Terminal Positioning Assurance Device The invention relates to a connector housing (1) for an electrical connector (69), the housing comprising at least one terminal receptacle for an electric contact element. The invention further relates to an electrical connector (69). To provide a connector housing (1) which securely locks electric contact elements (63) inside the terminal receptacles (5) and which is fast, easy and cost-effective to manufacture, it is intended according to the invention that the housing (1) fur ther comprises at least one terminal positioning assurance device (19) which is formed monolithically with the housing (1) and which is accessible from an outside (21) of the housing (1), the terminal positioning assurance device (19) having an actuator head (23), which, in an unlocked position, is spaced apart from the rest of the housing (1) and, in a locked position, is positively engaged with and protrudes into a lateral opening (25) of the housing, whereby, in the locked position, a terminal locking element (29), which is operatively coupled to the actuator head (23), protrudes into at least one terminal receptacle (5).

No. of Pages : 18 No. of Claims : 15

#### (19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BANDLIMITING ANTI NOISE IN PERSONAL AUDIO DEVICES HAVING ADAPTIVE NOISE CANCELLATION (ANC)

:24/05/2012 :WO 2012/166507 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CIRRUS LOGIC INC. Address of Applicant :800 W 6th Street Austin TX 78701 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KWATRA Nitin</li> <li>2)ABDOLLAHZADEH MILANI Ali</li> <li>3)ALDERSON Jeffrey</li> </ul>
:NA :NA	
	:61/493162 :03/06/2011 :U.S.A. :PCT/US2012/039314 :24/05/2012 :WO 2012/166507 :NA :NA :NA

#### (57) Abstract :

A personal audio device such as a wireless telephone includes noise canceling circuit that adaptively generates an anti noise signal from a reference microphone signal and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone is provided proximate the speaker to measure the output of the transducer in order to control the adaptation of the anti noise signal and to estimate an electro acoustical path from the noise canceling circuit through the transducer. The anti noise signal is adaptively generated to minimize the ambient audio sounds at the error microphone. A processing circuit that performs the adaptive noise canceling (ANC) function also filters one or both of the reference and/or error microphone signals to bias the adaptation of the adaptive filter in one or more frequency regions to alter a degree of the minimization of the ambient audio sounds at the error microphone.

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

#### (19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BANDLIMITING ANTI NOISE IN PERSONAL AUDIO DEVICES HAVING ADAPTIVE NOISE CANCELLATION (ANC)

<ul> <li>(51) International classification</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>	:18/05/2012 :WO 2012/166388	<ul> <li>(71)Name of Applicant :</li> <li>1)CIRRUS LOGIC INC. Address of Applicant :800 W. 6th Street Austin Texas 78701 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)ALDERSON Jeffrey</li> <li>2)KWATRA Nitin</li> <li>3)KAMATH Gautham Devendra</li> </ul>
Number Filing Date	:NA :NA	3)KAMATH Gautham Devendra 4)ABDOLLAHZADEH MILANI Ali 5)MELANSON John L.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A personal audio device such as a wireless telephone includes noise canceling circuit that adaptively generates an anti noise signal from a reference microphone signal (ref) and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone (err) may also be provided proximate the speaker to measure the output of the transducer in order to control the adaptation of the anti noise signal and to estimate an electro acoustical path from the noise canceling circuit through the transducer. A processing circuit (30A) that performs the adaptive noise canceling function also either adjusts (37A) the frequency response of the anti noise signal with respect to the reference microphone signal and/or by adjusting (39) the response of the adaptive filter independent of the adaptation provided by the reference microphone signal.

No. of Pages : 49 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :17/12/2013

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/503726	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/07/2011	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/US2012/044043	U.S.A.
Filing Date	:25/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/006297	1)GUO Liwei
(61) Patent of Addition to Application	:NA	2)SOLE ROJALS Joel
Number	:NA	3)JOSHI Rajan Laxman
Filing Date	.117	4)CHEN Peisong
(62) Divisional to Application Number	:NA	5)WANG Xianglin
Filing Date	:NA	6)KARCZEWICZ Marta

#### (54) Title of the invention : APPLYING NON SQUARE TRANSFORMS TO VIDEO DATA

(57) Abstract :

In one example a device for coding video data includes a video coder such as a video encoder or a video decoder that is configured to code information indicative of whether a transform unit of the video data is square or non square and code data of the transform unit based at least in part on whether the transform unit is square or non square. In this manner the video coder may utilize non square transform units. The video coder may be configured to use non square transform units for certain situations such as only for chrominance or luminance components or only when a corresponding prediction unit is non square. The video coder may further be configured to perform an entropy coding process that selects context for coding data of the transform unit based on whether the transform unit is square or non square.

No. of Pages : 73 No. of Claims : 50

#### (19) INDIA

(22) Date of filing of Application :21/08/2013

#### (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF RALOXIFENE

(51) International classification	·C07D222/00	(71)Nome of Applicant.
		(71)Name of Applicant :
(31) Priority Document No	:NA	1)TYCHE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :H.NO: C-21/A, ROAD NO. 9, FILM
(33) Name of priority country	:NA	NAGAR, JUBILEE HILLS, HYDERABAD - 500 096 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NARAYANA RAO MUTYALA
(61) Patent of Addition to Application Number	:NA	2)RAMADAS CHAVAKULA
Filing Date	:NA	3)VIJAYA RAJU MADDALA
(62) Divisional to Application Number	:NA	4)SANDEEP GOKARAJU
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Raloxifeneof formula (I).

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

#### (19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : ULTRA-WIDEBAND DUAL-BAND CELLULAR BASESTATION ANTENNA

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:2012905126	1)ANDREW LLC
(32) Priority Date	:22/11/2012	Address of Applicant :1100 CommScope Place, SE, Hickory,
(33) Name of priority country	:Australia	NORTH CAROLINA 28602, United States of America. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Bevan Beresford JONES
(87) International Publication No	: NA	2)James Kingsley Anthony ALLAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

Ultra-wideband dual-band cellular dual-polarisation base-station antennas and low-band radiators for such antennas are disclosed. The low-band comprises a dipole and an extended dipole configured in a crossed arrangement, a capacitively coupled feed connecting the extended dipole to an antenna feed, and a pair of auxiliary radiating elements. The dipole comprises two dipole arms, each of approximately /4, for connection to the antenna feed. The extended dipole has anti-resonant dipole armsof approximately /2. The auxiliary radiating elements are configured in parallel at opposite ends of the extended dipole. The radiator is adapted for the frequency range of 698-960 MHz and provides a horizontal beamwidth of approximately 65 degrees. The dual-band base-station antenna comprises high-band radiators configured in at least one array and low-band radiators interspersed amongst the high-band radiators at regular intervals.

No. of Pages : 22 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :29/10/2013

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : HYPOALLERGENS

<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>		<ul> <li>(71)Name of Applicant :</li> <li>1)TEKNOLOGIAN TUTKIMUSKESKUS VTT Address of Applicant :Vuorimiehentie 3 FI 02150 Espoo</li> <li>Finland</li> <li>(72)Name of Inventor :</li> <li>1)TAKKINEN Kristiina</li> <li>2)LAUKKANEN Marja Leena</li> <li>3)S-DERLUND Hans</li> <li>4)JYLH,, Sirpa</li> <li>5)HOLKERI Heidi</li> <li>6)NIEMI Merja</li> <li>7)ROUVINEN Juha</li> </ul>
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(57) Abstract :

The present invention provides mutant polypeptides useful as hypoallergens. More specifically the present invention provides mutant Bet v 1 proteins and the use of such polypeptides as hypoallergens for desensitizing against birch pollen allergies. Furthermore the invention provides vaccine formulations comprising such polypeptides; the use of such formulations; and to methods of vaccination against birch pollen allergy.

No. of Pages : 31 No. of Claims : 16

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : AN ASSEMBLY AND A METHOD OF MANUFACTURING A GREEN TIRE AND/OR AN UNCURED SPRING.

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li></ul>	:B29D30/32,B29D30/60,B29D30/30 :2007485	<ul> <li>(71)Name of Applicant :</li> <li>1)VMI HOLLAND B.V.</li> <li>Address of Applicant :Gelriaweg 16 NL 8161 RK EPE</li> </ul>
(32) Priority Date	:27/09/2011	Netherlands
(33) Name of priority country	y:Netherlands	(72)Name of Inventor :
<ul> <li>(86) International</li> <li>Application No Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/NL2012/050676 :27/09/2012	1)DE GRAAF Martin 2)GRASHUIS Jan Kornelis 3)VAN BEEK Johan Gerard
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 an assembly and a method for manufacturing a green tyre and/or a green air spring. The device comprises a template having a shaping surface (2) for placing a tyre component thereon comprising a layer of unvulcanized rubber for the green tyre and/or green air spring. The shaping surface (2) is provided with an attachment surface (9) for at least temporarily retaining at least a leading section of the tyre component. The attachment surface (9) comprises a number of adhering surface sections (3) with non adhering surface sections (4) placed in between them wherein the non adhering surface sections (4) are at least partically receded with respect to the adhering surface sections (3). In one embodement the attachment surface (9) comprises a substantially saw tooth shaped cross section.

No. of Pages : 35 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A STARTER MOTOR AND A METHOD OF ASSEMBLING OF STARTER MOTOR

(51) International classification	·H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANICKAM Manikandan
(61) Patent of Addition to Application Number	:NA	2)GEORGE Julius
Filing Date	:NA	3)CHRISTOPHER Mathew
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starter motor 10 comprises a magnet ring 12, a brush holder assembly 14 and a brush plate 16. The magnet ring 12 comprising a plurality of slots 22 adapted to hold atleast one magnet 18 in the slot 22. The brush holder assembly 14 being in a form of a ring provided with slots 31 on a first side to hold atleast one magnet 18 and slots 34 on a second side to hold atleast one brush 20 in the slot 34 on the second side. The brush plate 16 fitted on top of the second side of the brush hold assembly 14 to hold atleast one the brush 20 in position.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

#### (51) International classification :C07K14/00,A61K38/00 (71)Name of Applicant : 1)UGP THERAPEUTICS INC. (31) Priority Document No :61/497270 Address of Applicant :227 W. Monroe Street Suite 3900 (32) Priority Date :15/06/2011 (33) Name of priority country :U.S.A. Chicago IL 60606 U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2012/042699 1)CONSALVO Angelo P. Filing Date :15/06/2012 (87) International Publication No :WO 2012/174397 2)MEHTA Nozer M. (61) Patent of Addition to Application **3)PERRETTI Mauro** :NA Number 4)DALLI Jesmond :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ANTI INFLAMMATORY PHARMACEUTICAL PRODUCTS

(57) Abstract :

Polypeptides having homology to regions of the N terminal 50 residues of human Annexin 1 are provided for medical use as anti inflammatory agents. Some of the polypeptides have homology to the N terminal 48 residues of human Annexin 1 especially to residues 2 48 and 11 48 thereof. In some embodiments properties of these compounds are improved by at least one modification at residues corresponding to residues 11 22 25 and/or 36 of human Annexin 1 and/or by C terminal amidation of the polypeptide. Analogs of amino acids 2 26 of human Annexin 1 especially acetylated at the N terminus and/or amidated at the C terminus and having modifications at 11 and/or 22 are also disclosed for medical use as anti inflammatory agents.

No. of Pages : 40 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:C07K14/72	(71)Name of Applicant :
(31) Priority Document No	:61/500863	1)HAAG STREIT MEDTECH AG
(32) Priority Date	:24/06/2011	Address of Applicant :Gartenstadtstrasse 10 CH 3098 Kniz
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/CH2012/000138	(72)Name of Inventor :
Filing Date	:22/06/2012	1)VAN WYK Michiel
(87) International Publication No	:WO 2012/174674	2)KLEINLOGEL Sonja
(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 : LIGHT SENSITIVE CHIMERIC GPCR PROTEIN

(57) Abstract :

A light sensitive chimeric protein comprising domains from at least two members of the G protein coupled receptor (GPCR) protein super family which are fused to yield a light sensitive GPCR chimera capable of coupling a light signal to the signaling cascade of the metabotropic glutamate receptor 6 (mGluR6) is provided for medical therapy and for the manufacture of medicaments for improving vision in particular for treating loss of vision resulting from retinal photoreceptor degeneration. A first of the at least two GPCR family members contributes domains which mediate the light sensitivity to the chimeric light sensitive GPCR protein. This first member belongs to the family of light sensitive GPCR proteins also called photopigments and in some embodiments this light sensitive GPCR protein is melanopsin in particular human melanopsin. A second of the at least two GPCR family members is mGluR6 which contributes domains for coupling the light signal to the intracellular signalling cascade of mGluR6 which is a native component of the cell membrane of ON bipolar cells in the inner retina.

No. of Pages : 43 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : IMAGE GUIDED RADIATION THERAPY

classification       :A61N5/10,G01N33/28,G02B2//28         (31) Priority Document No       :61/500215         (32) Priority Date       :23/06/2011	<ul> <li>(71)Name of Applicant : <ol> <li>KONINKLIJKE PHILIPS N.V.</li> <li>Address of Applicant :High Tech Campus 5 NL 5656 AE</li> </ol> </li> <li>Eindhoven Netherlands <ul> <li>(72)Name of Inventor : <ol> <li>ElGORT Daniel Robert</li> <li>ALBU Lucian Remus</li> <li>BOS Clemens</li> </ol></li></ul> </li> </ul>
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(57) Abstract :

An image guided radiation therapy system comprises a radiation source to generate radiation. Radiation optics forms a therapeutic radiation beam from the therapeutic radiation from the radiation source. An imaging system forms an image of a target zone to control the radiation optics to direct the therapeutic radiation beam onto the target zone. The radiation optics is provided with an optics module configured to generate an imaging photonic beam endowed with optical angular momentum. The imaging system comprises a magnetic resonance assembly to receive magnetic resonance signals the from the target zone generated by imaging photonic beam endowed with optical angular momentum.

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

(22) Date of filing of Application :21/08/2013

# (54) Title of the invention : PROCESS FOR THE PREPARATION OF INTERMEDIATE COMPOUNDS OF (1R,5S)-N-[3-AMINO-1-(CYCLOBUTYLMETHYL)-2,3-DIOXOPROPYL]-3-[2(S)-[[[(1,1-DIMETHYLETHY)AMINO]CARBONYL]AMINO]-3,3-DIMETHYL-1-OXOBUTYL]-6,6-DIMETHYL-3-AZABICYCLO[3.1.0]HEXAN-2(S)-CARBOXAMIDE

<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>	:C07D209/00 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MSN LABORATORIES LIMITED Address of Applicant :FACTORY: SY.NO.317 &amp; 323,</li> <li>RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -</li> </ul>
(86) International Application No Filing Date	:NA :NA	502 329 Andhra Pradesh India (72) <b>Name of Inventor :</b>
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)SRINIVASAN THIRUMALAI RAJAN 2)SAJJA ESWARAIAH 3)GHOJALA VENKAT REDDY
<ul><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA	4)MARAMREDDY SAHADEVA REDDY

(57) Abstract :

The present invention relates to a process for the preparation of intermediate compounds of (IR,5S)-N-[3-amino-l-(cyclobutylmethyl)-2,3-dioxopropyl]-3-[2(S)-[[((l,l-dimethylethyl) amino]carbonyl]amino]-3,3-dimethyl-l-oxobutyl]-6,6-dimethyl-3-

azabicyclo[3.1.0]hexan-2(S)-carboxamide represented by structural formula-A.

No. of Pages : 29 No. of Claims : 10

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF (±)-2-HYDROXY-5-[[(1RS)-1-HYDROXY-2--[[(1RS)-2-(4-METHOXYPHENYL)-1 METHYLETHYL]-AMINO]ETHYL]FORMANILIDE AND ITS PHARMACEUTICALLY ACCEPTABLE 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> <li>(86) International Application No</li> </ul>	:C07C213/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)MSN LABORATORIES PRIVATE LIMITED Address of Applicant :FACTORY: SY.NO.317 &amp; 323, RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) - 502 329 Andhra Pradesh India</li> </ul>
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)SRINIVASAN THIRUMALAI RAJAN
<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	2)SAJJA ESWARAIAH 3)KOMATI SATYANARAYANA

(57) Abstract :

The present invention provides an improved process for the preparation of  $(\pm)$ -2-hydroxy-5-[(IRS)-1 -hydroxy-2-[[(IRS)-2-(4-methoxyphenyl)-1 methylethyl]-amino]ethyl] formanilide compound of formula-1 and its salts.

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

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : USER TERMINAL WIRELESS BASE STATION DEVICE WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION 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>	n :H04W72/02,H04J1/00,H04J11/00 :2011103172 :02/05/2011 :Japan	<ul> <li>(71)Name of Applicant :</li> <li>1)NTT DOCOMO INC.</li> <li>Address of Applicant :11 1 Nagatacho 2 chome Chiyoda ku</li> <li>Tokyo 1006150 Japan</li> </ul>
<ul> <li>(86) International Application</li> <li>No</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:PCT/JP2012/053829 :17/02/2012 :WO 2012/150666	<ul> <li>(72)Name of Inventor :</li> <li>1)TAKEDA Kazuaki</li> <li>2)ABE Tetsushi</li> <li>3)KISHIYAMA Yoshihisa</li> </ul>
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)NAGATA Satoshi

(57) Abstract :

Provided are a user terminal accommodating the increase in the number of users a wireless base station device a wireless communication system and a wireless communication method. A user terminal is provided with: a reception unit for receiving a downlink control signal that is multiplexed to a wireless resource from the beginning of a subframe to a predetermined OFDM symbol and a downlink control signal that is frequency division multiplexed to a downlink data signal of a wireless resource after the predetermined OFDM symbol; a retransmission verification unit for performing a retransmission verification on the downlink data signal on the basis of the downlink control signal that was frequency division multiplexed and for outputting a retransmission response signal; and a selection unit for selecting the wireless resource of an uplink control channel used for transmitting the retransmission response signal.

No. of Pages : 91 No. of Claims : 16

#### (19) INDIA

(22) Date of filing of Application :13/12/2013

#### (43) Publication Date : 27/02/2015

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

(57) Abstract :

The invention relates to an injection device comprising a housing a container holder arranged within said housing the container holder being configured for accommodating a medicament container having a needle attached to one end thereof and a stopper sealingly and slidable arranged inside the medicament container at the other end thereof a drive unit comprising a plunger rod and plunger drive means the plunger drive means being slidable arranged in relation to the plunger rod being rotationally locked to the plunger rod and being rotatable in relation to the housing said drive unit further comprising a first energy accumulating member arranged in the interior of the housing of the injection device and adapted to accumulate and store energy wherein said plunger drive means is operationally associated with said first energy accumulating member wherein the plunger drive means is releasable such that due to an output torque from said first energy accumulating member the plunger drive means are allowed to be rotated and the plunger rod is urged towards the proximal end of the injection device whereby an injection is performed and a rotary injection indication mechanism configured for indicating to the user the progress of the injection wherein the rotary injection indication mechanism comprises a signalling member and a drive mechanism for rotationally driving said signalling member said signalling member being coupled to said plunger drive means at the distal end of said plunger drive means said rotary injection indication mechanism being coupled to said plunger drive means at the distal end of said plunger drive means said rotary injection indication mechanism being arranged such that the progress of injection is shown through at least one opening provided at least in a distal end surface of the housing.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

#### (19) INDIA

(22) Date of filing of Application :19/08/2013

(54) Title of the invention : A FUNCTIONAL FOO	D	
<ul> <li>(51) International classification</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>		(71) <b>Name of Applicant :</b> <b>1)E.I.D. PARRY (INDIA) LIMITED</b> Address of Applicant :PARRY NUTRACEUTICALS DIVISION, 'DARE HOUSE', 4TH FLOOR, #234, N.S.C. BOSE ROAD, CHENNAI - 600 001 Tamil Nadu India (72) <b>Name of Inventor :</b> <b>1)MR. SAJIV KUMAR MENON</b>
(61) Patent of Addition to Application Number	:NA :NA	1)MR. SAJIV KUMAR MENON

(57) Abstract :

This invention relates to a nutritional supplement/functional food, particularly an edible composition and combination of spirulina and tender coconut used as a functional food or health drink or used as anti oxidant drink and which be further including color blends and nutritional extracts for improving the feel and quality of the preparation.

No. of Pages : 8 No. of Claims : 11

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

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD, APPARATUS AND DEVICE FOR EFFICIENT HEAT DISSIPATION ON A PRINTED CIRCUIT BOARD

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology, An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant :Siddaganga Institute of Technology, An
(86) International Application No	:NA	Institution of Sree Siddaganga Education Society, B.H Road,
Filing Date	:NA	Tumkur - 572 103, Karnataka, India.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Basavaraj Kusammanavar
Filing Date	:NA	2)K.S.Shashishekar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

According to an aspect of the present disclosure, the electronic component/device generating heat (heat source) is placed at different locations in a cavity. In one embodiment, the cavity may be a square cavity having cold side walls, hot bottom wall and adiabatic top wall. According to aspects of the present disclosure, the heat source is located along the whole length of the bottom wall, half of the length at the centre, quarter of the length at the centre and one eighth of the length at the centre, and temperature is measured inside the cavity. According to another aspect of the present disclosure, the heat source is split into two parts of L/4 (quarter length) and located towards the right and left corners of the cavity and temperature measured inside the cavity. According to another aspect of the present disclosure, the heat source is split into two parts of L/8 and located towards the right and left corner of the cavity and temperature measured inside the cavity.

No. of Pages : 29 No. of Claims : 5

#### (19) INDIA

(22) Date of filing of Application :23/08/2013

(54) Title of the invention : A LARYGOTRACHEA	AL STENT	
<ul> <li>(51) International classification</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>		<ul> <li>(71)Name of Applicant :</li> <li>1)SRI RAMACHANDRA UNIVERSITY <ul> <li>Address of Applicant :NO 1. RAMACHANDRA NAGAR,</li> <li>PORUR, CHENNAI - 600 116 Tamil Nadu India</li> <li>2)DR (MAJ) PRASANNA KUMAR SARAVANAM</li> <li>(72)Name of Inventor :</li> <li>1)DR (MAJ) PRASANNA KUMAR SARAVANAM</li> </ul> </li> </ul>

(57) Abstract :

The present invention discloses a flexible and dynamic laryngotracheal stent (1) for securely accommodating within the trachea and subglottis of a subject suffering from laryngotracheal stenosis. The laryngotracheal stent (1) comprises of a vertical tube-shaped member (2) and a horizontal tube-shaped member (4). The vertical tube-shaped member(2) has an upper end, a lower end and extending longitudinally therein between, with more than one of smooth wave-shaped structure(3) on the outer circumference and an unique oval shaped hollow portion(5) extended within from the said upper end along the inner circumference portions. The horizontal tube-shaped member(4) has a distal end and a proximal end and extending longitudinally therein between, in which the proximal end of the horizontal tube-shaped member is 85° angularly attached with the said vertical tube-shaped member(2).

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

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SIMULTANEOUS DATA TRANSFER AND ERROR CONTROL TO REDUCE LATENCY AND IMPROVE THROUGHPUT TO A HOST

<ul> <li>(51) International classification</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>	:G06F11/10 :13/224714 :02/09/2011 :U.S.A. :PCT/US2012/052713 :28/08/2012 :WO 2013/033121 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)APPLE INC. Address of Applicant :1 Infinite Loop Cupertino California</li> <li>95014 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)SARCONE Christopher J.</li> <li>2)CONROY David G.</li> <li>3)KELLER Jim</li> </ul>
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#### (57) Abstract :

The disclosed embodiments provide a system that transfers data from a storage device to a host. The system includes a communication mechanism that receives a request to read a set of blocks from the host. Next upon reading each block from the set of blocks from the storage device the communication mechanism transfers the block over an interface with the host. The system also includes an error detection apparatus that performs error detection on the block upon reading the block and an error correction apparatus that performs error correction on the block if an error is detected in the block. The communication mechanism may then retransfer the block to the host after the error is removed from the block.

No. of Pages : 27 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:C02F1/48	(71)Name of Applicant :
(31) Priority Document No	:2011110169	1)PANASONIC CORPORATION
(32) Priority Date	:17/05/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2012/003143	(72)Name of Inventor :
Filing Date	:14/05/2012	1)KUMAGAI Hironori
(87) International Publication No	:WO 2012/157248	2)IMAI Shin ichi
(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 : PLASMA GENERATING APPARATUS AND PLASMA GENERATING METHOD

(57) Abstract :

The plasma-generating apparatus includes a treatment vessel 509 containing to-be-treated water 510, a first electrode 504 and a second electrode 502 within the treatment vessel, a bubble-generating part which generate a bubble 506 such that a surface where conductor of the first electrode 504 is exposed to the to-be-treated water is positioned within the bubble 506, a gas-supplying apparatus 505 which supplies gas to the bubble-generating part, a pulsed power supply 501 connected to the first and the second electrodes 502 and 504, a control apparatus 520 which controls one or both of the gas-supplying apparatus and the power supply such that the voltage is applied between the first and the second electrodes 502 and 504 when at least surface where the conductor of the first electrode 504 is exposed is positioned within the bubble.

No. of Pages : 148 No. of Claims : 36

## (22) Date of filing of Application :23/08/2013

#### (43) Publication Date : 27/02/2015

# (54) Title of the invention : A METHOD AND SYSTEM FOR DYNAMICALLY CHANGING KEYPAD LANGUAGE BASED ON PREFERRED LANGUAGE

<ul> <li>(51) International classification</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>	:G06F :NA :NA :NA :NA :NA : NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Samsung India Software Operations Pvt Ltd Address of Applicant :Bagmane Lakeview, Block B, No. 66/1, Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore Karnataka India</li> <li>(72)Name of Inventor :</li> <li>1)Rashmi T Shankarappa</li> </ul>

(57) Abstract :

A method and system for enabling a sender to communicate with a receiver based on a preferred language of said receiver is provided. The method provides the desired keypad language to the sender for typing a message or a mail or a chat message to the receiver. The method suggests the keypad language based on the preferred language of the sender or the last language used by the sender for communicating with the receiver or based on the languages set by the receiver in one or more social networks. Further, the method synchronizes the contacts of the sender, contacts in different communication applications used by the sender and contacts in different social networks of the sender with a cloud or a database and provides the preferred keypad language to the sender.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : LIGHTING DEVICES WITH INDIVIDUALLY COMPENSATING MULTI COLOR CLUSTERS

(51) International classification	:F21V23/00,H05B37/00	(71)Name of Applicant :
(31) Priority Document No	:13/152772	1)CREE INC.
(32) Priority Date	:03/06/2011	Address of Applicant :4600 Silicon Drive Durham NC 27703
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/039984	(72)Name of Inventor :
Filing Date	:30/05/2012	1)VAN DE VEN Antony Paul
(87) International Publication No	:WO 2012/166791	2)ATHALYE Praneet Jayant
(61) Patent of Addition to Application	:NA	3)HARRIS Michael James
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) Ale stars to		

(57) Abstract :

A lighting device includes multiple solid state emitter (e.g. LED) chips of different colors mounted on a single submount at least one temperature sensing element arranged to sense temperature of the LED chips and at least one temperature compensation circuit element mounted on the single submount to maintain output emissions at a substantially constant color point over a range of different temperatures. Such a device may include a blue LED arranged to stimulate a yellow lumiphor and a red LED arranged in combination to yield warm white light. Multiple separately temperature compensated clusters of solid state emitters may be provided in a single lighting device which may include an elongated body structure.

No. of Pages : 74 No. of Claims : 73

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYSTEM AND TOOLS FOR ENHANCED 3D AUDIO AUTHORING AND RENDERING (51) International classification :H04S3/00,H04S7/00 (71)Name of Applicant : 1)DOLBY LABORATORIES LICENSING (31) Priority Document No :61/504005 (32) Priority Date :01/07/2011 **CORPORATION** (33) Name of priority country Address of Applicant :100 Potrero Avenue San Francisco :U.S.A. (86) International Application No :PCT/US2012/044363 California 94103 4813 U.S.A. Filing Date :27/06/2012 (72)Name of Inventor : (87) International Publication No :WO 2013/006330 1)TSINGOS Nicolas R. (61) Patent of Addition to Application 2)ROBINSON Charles Q. :NA Number 3)SCHARPF Jurgen W. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Improved tools for authoring and rendering audio reproduction data are provided. Some such authoring tools allow audio reproduction data to be generalized for a wide variety of reproduction environments. Audio reproduction data may be authored by creating metadata for audio objects. The metadata may be created with reference to speaker zones. During the rendering process the audio reproduction data may be reproduced according to the reproduction speaker layout of a particular reproduction environment.

No. of Pages : 87 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SOLID STATE ELECTROLYTES BASED ON FLUORINE DOPED OXIDES

<ul> <li>(51) International classification</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> </ul>		<ul> <li>(71)Name of Applicant :</li> <li>1)BRETON SPA Address of Applicant :Via Garibaldi 27 I 31030 Castello di Godego (TV) Italy</li> <li>(72)Name of Inventor :</li> <li>1)DI NOTO Vito</li> <li>2)BERTASI Federico</li> <li>3)NEGRO Enrico</li> <li>4)PIGA Matteo</li> <li>5)BETTIOL Mauro</li> <li>6)BASSETTO Fabio</li> </ul>
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#### (57) Abstract :

The use of particles of at least one crystalline oxide preferably metal oxide having an average particle size of less than 500 nm and a fluorine content of between 0.5 and 30% by weight preferably between 0.5 and 5% even more preferably between 1.0 and 4% for the preparation of solid state electrolytes is described. Also described is a solid state electrolyte containing particles of at least one crystalline oxide preferably metal oxide having an average particle size of less than 500 nm preferably between 10 and 500 nm even more preferably between 50 and 300 nm; a fluorine content of between 0.5 and 30% by weight preferably between 0.5 and 5% even more preferably between 1 and 4%; an alkali or alkaline earth metal content of between 0.5 and 10% by weight preferably between 0.5 and 5% even more preferably between 1 and 4%. Furthermore an inorganic organic hybrid electrolyte obtainable by means of reaction of the aforementioned solid state electrolyte with ionic liquids is described.

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

(19) INDIA

(22) Date of filing of Application :16/12/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : GRINDING ROLLER COMPRISING HARD BODIES EMBEDDED IN THE SURFACE

(51) International classification	:B02C4/30	(71)Name of Applicant :
(31) Priority Document No	:10 2011 104 854.9	1)KHD HUMBOLDT WEDAG GMBH
(32) Priority Date	:21/06/2011	Address of Applicant :Colonia Allee 3 51067 Kln Germany
(32) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/002576	
Filing Date	:19/06/2012	
(87) International Publication No	:WO 2012/175189	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates to a grinding roller comprising hard bodies (100) embedded in the surface (102) for fixing a material bed. According to the invention it is proposed that the hard bodies (100) are received in a sleeve (105) respectively and are embedded in the surface (102). As a result the sleeves can be removed more easily from the surface after use and wear of the grinding roller for restoring the surface.

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

(19) INDIA

(22) Date of filing of Application :09/03/2009

(43) Publication Date : 27/02/2015

(54) Title of the invention : IMPROVED AND SIMPLIFIED PROCESS FOR THE PREPARATION OF 1,2-BENZISOXAZOLE-3-ACETIC 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 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>	:C07D261/20 :NA :09/03/2009 :Argentina :PCT/IN2006/000313 :28/08/2006 :WO 2008/026217 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)BATTULA, SRINIVASA, REDDY Address of Applicant :RA CHEM PHARMA LIMITED, 608</li> <li>SAPTHAGIRI TOWERS, BEGUMPET, HYDERABAD 500 016, Andhra Pradesh India</li> <li>(72)Name of Inventor :</li> <li>1)BATTULA, SRINIVASA, REDDY</li> </ul>
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(57) Abstract :

A process for preparation of 1,2-benzisoxazole-3-acetic acid reacting 4-hydroxy coumarin and hydroxylamine in water according to the following scheme of reaction:

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

#### (19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : BORON - SILANE POLYETHER COMPLEX (51) International classification :C07F7/00 (71)Name of Applicant : (31) Priority Document No 1)3M INNOVATIVE PROPERTIES COMPANY :NA (32) Priority Date Address of Applicant :3M CENTER, POST OFFICE BOX :NA (33) Name of priority country 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A. :NA (86) International Application No (72)Name of Inventor: :NA 1)JOSHI, VISHALKUMAR YOGESHKUMAR 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 :

Complexes of boron and alkyl ether terminated silane polyethers are described. Compositions incorporating such complexes are also described. In addition to the boron-silane polyether complex, such compositions include water and one or more enzymes. Compositions further containing actives and/or polyols are also described. Uses for such compositions include disinfection.

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

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : A METHOD FOR ADDING POINTS OF INTEREST AND A DEVICE THEREOF

(51) International algoritization	COCE	(71)Nome of Applicant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARUNKUMAR Sreeja
(61) Patent of Addition to Application Number	:NA	2)TRIPATHI Pranava
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A navigation device 100 for adding a point of interest (POI) to a destination history list is disclosed. The navigation device 100 comprises a reception means 101 to receive a first destination POI from a user. An identification means 102 identifies a geo location of an actual destination visited by the user on reaching the first destination POI. A comparison means 103 compares the actual destination with the first destination POI. An addition means 104 adds the actual destination as the POI to the destination history list based on the comparison.

No. of Pages : 11 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:G10K11/178	(71)Name of Applicant :
(31) Priority Document No	:61/493162	1)CIRRUS LOGIC INC.
(32) Priority Date	:03/06/2011	Address of Applicant :800 W. 6th Street Austin Texas 78701
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/038510	(72)Name of Inventor :
Filing Date	:18/05/2012	1)KWATRA Nitin
(87) International Publication No	:WO 2012/166386	2)ALDERSON Jeffrey
(61) Patent of Addition to Application	:NA	3)HENDRIX Jon D.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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#### (54) Title of the invention : MIC COVERING DETECTION IN PERSONAL AUDIO DEVICES

(57) Abstract :

A personal audio device such as a wireless telephone includes noise canceling circuit that adaptively generates an anti noise signal from a reference microphone signal and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. An error microphone may also be provided proximate the speaker to estimate an electro acoustical path from the noise canceling circuit through the transducer. A processing circuit uses the reference and/or error microphone optionally along with a microphone provided for capturing near end speech to determine whether one of the reference or error microphones is obstructed by comparing their received signal content and takes action to avoid generation of erroneous anti noise.

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

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : SPEAKER DAMAGE PREVENTION IN ADAPTIVE NOISE CANCELING PERSONAL AUDIO 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>	:G10K11/178 :61/493162 :03/06/2011 :U.S.A. :PCT/US2012/037449 :11/05/2012 :WO 2012/166320 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CIRRUS LOGIC INC. Address of Applicant :800 W 6th St Austin TX 78701 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KWATRA Nitin</li> <li>2)HENDRIX Jon D.</li> </ul>
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(57) Abstract :

A personal audio device such as a wireless telephone includes noise canceling circuit (30) that adaptively generates an anti noise signal from a reference microphone signal (ref) and injects the anti noise signal into the speaker or other transducer output to cause cancellation of ambient audio sounds. A processing circuit (60) monitors a level of the anti noise signal determines that the anti noise signal may cause damage to the transducer and adjusts the generation of the anti noise signal such that damage to the transducer is prevented.

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

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 27/02/2015

(51) International classification	:G10K11/178	(71)Name of Applicant :
(31) Priority Document No	:61/493162	1)CIRRUS LOGIC INC.
(32) Priority Date	:03/06/2011	Address of Applicant :800 W 6th St. Austin TX 78701 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/035815	1)HENDRIX Jon D.
Filing Date	:30/04/2012	2)KAMATH Gautham Devendra
(87) International Publication No	:WO 2012/166273	3)KWATRA Nitin
(61) Patent of Addition to Application	:NA	4)ABDOLLAHZADEH MILANI Ali
Number	:NA :NA	5)ALDERSON Jeffrey
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : AN ADAPTIVE NOISE CANCELING ARCHITECTURE FOR A PERSONAL AUDIO DEVICE

#### (57) Abstract :

A personal audio device such as a wireless telephone includes an adaptive noise canceling (ANC) circuit that adaptively generates an anti noise signal from a reference microphone signal that measures the ambient audio and an error microphone signal that measures the output of an output transducer plus any ambient audio at that location and injects the anti noise signal at the transducer output to cause cancellation of ambient audio sounds. A processing circuit uses the reference and error microphone to generate the anti noise signal which can be generated by an adaptive filter operating at a multiple of the ANC coefficient update rate. Downlink audio can be combined with the high data rate anti noise signal by interpolation. High pass filters in the control paths reduce DC offset in the ANC circuits and ANC coefficient adaptation can be halted when downlink audio is not detected.

No. of Pages : 44 No. of Claims : 42

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : PERFORMANCE IMPROVEMENTS IN INPUT/OUTPUT OPERATIONS BETWEEN A HOST SYSTEM AND AN ADAPTER-COUPLED CACHE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G08B :61/867,632 :20/08/2013	Address of Applicant :1320 RIDDER PARK DRIVE, SAN
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:U.S.A. :NA	JOSE, CALIFORNIA 95131 U.S.A. (72) <b>Name of Inventor :</b>
Filing Date	:NA	1)NARESH MADHUSUDANA
(87) International Publication No	: NA	2)NAVEEN KRISHNAMURTHY
(61) Patent of Addition to Application Number	:NA :NA	3)KASHYAP DESAI
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract :

A modified or host driver operable on a host computer communicates with a host interface of a PCIe adapter. A controller memory space is managed by the kernel space of the host operating system. The modified driver entirely avoids the overhead associated with making a copy from the application or user space to a separate kernel space managed by the operating system in the host computer. The modified driver uses a base address register to identify the location of the cache storage in the controller memory space. The size of the cache store is communicated to the modified driver upon a power on initialization of the PCIe adapter and the host computer. A memory map managed by the modified driver identifies cache storage locations as an offset from the base address register.

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

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : DURABLE MULTI LAYER HIGH STRENGTH POLYMER COMPOSITE SUITABLE FOR IMPLANT AND ARTICLES 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></ul>	n :A61F2/24,A61L27/48,A61L27/56 :61/492324 :01/06/2011 :U.S.A.	<ul> <li>(71)Name of Applicant :</li> <li>1)W.L. GORE &amp; ASSOCIATES INC. Address of Applicant :555 Paper Mill Road Newark DE 19711 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/US2012/040529 :01/06/2012 :WO 2012/167131	<ul><li>(72)Name of Inventor :</li><li>1)BRUCHMAN William C.</li><li>2)HARTMAN Cody L.</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	

(57) Abstract :

A thin biocompatible high strength composite material is disclosed that is suitable for use in various implanted configurations. The composite material maintains flexibility in high cycle flexural applications making it particularly applicable to high flex implants such as heart pacing lead or heart valve leaflet. The composite material includes at least one porous expanded fluoropolymer layer and an elastomer substantially filling substantially all of the pores of the porous expanded fluoropolymer.

No. of Pages : 107 No. of Claims : 69

(19) INDIA(22) Date of filing of Application :27/11/2013

(43) Publication Date : 27/02/2015

<ul> <li>(51) International classification</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>	:61/482093 :03/05/2011 :U.S.A. :PCT/US2012/036389 :03/05/2012 :WO 2012/151439 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)CREST OIL &amp; GAS INC Address of Applicant :P.O. Box 7266 Trenton New Jersey 08628 U.S.A.</li> <li>2)GOODSON Michael J.</li> <li>(72)Name of Inventor :</li> <li>1)CREST OIL &amp; GAS INC</li> <li>2)GOODSON Michael J.</li> </ul>
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (54) Title of the invention : ULTRASONIC AIR BLANKET REFLECTOR

(57) Abstract :

An air blanket reflector which is placed inside and next to the walls of an ultrasonic tank reflects ultrasonic energy. The air blanket reflector has a relatively thin metal plate such as 14 gauge stainless steel facing the interior of the tank and an air filled cavity on the opposite side of the thin metal plate. The thin metal plate reflects ultrasonic energy away from the walls of the tank to reduce the amount of ultrasonic energy absorbed by the tank.

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

(22) Date of filing of Application :27/11/2013

#### (43) Publication Date : 27/02/2015

### (54) Title of the invention : PROCESS FOR BIOMASS CONVERSION TO 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</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> </ul> </li> <li>(62) Divisional to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	<ul> <li>:C01B3/02,A61P31/00,C07H1/00</li> <li>:13/103922</li> <li>:09/05/2011</li> <li>:U.S.A.</li> <li>:PCT/US2012/026363</li> <li>:23/02/2012</li> <li>:WO 2012/154270</li> <li>:NA</li> <li>:NA</li> <li>:NA</li> </ul>	<ul> <li>(71)Name of Applicant :</li> <li>1)COOL PLANET BIOFUELS INC. Address of Applicant :460 Calle San Pablo Camarillo CA</li> <li>93012 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)CHEIKY Michael</li> <li>2)MALYALA Rajashekharam</li> <li>3)SILLS Ronald A.</li> </ul>
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(57) Abstract :

Biomass is processed through a biomass fractioning system that creates through the application of selective temperature ramps and pressure shocks a series of useful volatile components and BMF char wherein the BMP char is reacted sacriflcially with any one stream of methane carbon dioxide steam or oxygen to create highly pure synthesis gas with a controllable range of compositions. The resulting synthesis gas may be used in any desired manner including conversion to oxygenates such as methanol and dimethyl ether and to hydrocarbons.

No. of Pages : 34 No. of Claims : 20

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : IMPROVED PEPTIDE PHARMACEUTICALS FOR INSULIN RESISTANCE

<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</li> <li>Publication No</li> </ul>	:C0/K14/605,A61K38/26,A61K4//36	<ul> <li>(71)Name of Applicant :</li> <li>1)MEDERIS DIABETES LLC Address of Applicant :725 Lynwood Drive Encinitas CA 92024 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)NESTOR John J.</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	
Application Number Filing Date	:NA :NA	

### (57) Abstract :

Described herein are methods of syntheses and therapeutic uses of covalently modified peptides and/or proteins. The covalently modified peptides and/or proteins allow for improved pharmaceutical properties of peptide and protein based therapeutics.

No. of Pages : 117 No. of Claims : 57

(19) INDIA(22) Date of filing of Application :04/12/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : TOP SUBMERGED INJECTING LANCES (51) International classification :F27D3/16,C21C5/35,C21C5/46 (71)Name of Applicant : **1)OUTOTEC OYJ** (31) Priority Document No :2011902598 Address of Applicant : Puolikkotie 10 02230 Espoo Finland (32) Priority Date :30/06/2011 (33) Name of priority country (72)Name of Inventor : :Australia 1)MATUSEWICZ Robert (86) International Application No :PCT/AU2012/000751 **2)REUTER Markus** Filing Date :27/06/2012 (87) International Publication No :WO 2013/000017 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A lance for conducting a pyrometallurgical operation by top submerged lancing (TSL) injection has inner and outer substantially concentric pipes. The lower end of the inner or at least a next innermost pipe is set at a level relative to the lower end of the outer pipe required for the pyrometallurgical operation. The relative positions of the inner and outer pipes are longitudinally adjustable to enable the length of the mixing chamber to be maintained at a desired setting during a period of use to compensate for the lower end of the outer pipe wearing and burning back.

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

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : ELECTROSTATIC IMAGE DEVELOPING TONER IMAGE FORMING APPARATUS IMAGE FORMING METHOD AND PROCESS CARTRIDGE

<ul> <li>(51) International classification</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>	:G03G9/08,G03G9/087 :2011097764 :26/04/2011 :Japan :PCT/JP2012/061629 :25/04/2012 :WO 2012/147991 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)Ricoh Company Ltd. Address of Applicant :3 6 Nakamagome 1 chome Ohta ku Tokyo 1438555 Japan</li> <li>(72)Name of Inventor :</li> <li>1)FUKAO Tomohiro</li> <li>2)KADOTA Takuya</li> <li>3)MIKURIYA Yoshihiro</li> <li>4)NOZAKI Tsuyoshi</li> </ul>
Number Filing Date		4)NOZAKI Tsuyoshi 5)ISHIKAWA Yoshimichi
(62) Divisional to Application Number Filing Date	:NA :NA	6)FUWA Kazuoki 7)MIKI Tomoharu

(57) Abstract :

An electrostatic image developing toner including: toner base particles each including a binder resin and a colorant; and an external additive wherein the toner base particles each have protrusions on a surface thereof an average of lengths of long sides of the protrusions is 0.1 µm or more but less than 0.5 µm a standard deviation of the lengths of the long sides of the protrusions is 0.2 or less a coverage rate of the protrusions on the surface of each toner base particle is 10% to 90% and the external additive includes an external additive (A) which is fine inorganic particles each containing silicone oil.

No. of Pages : 144 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : APPARATUS AND METHOD FOR IMPROVING SKIN USING A RA EFFECT OR RA PLUS EFFECT

<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 Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:PCT/KR2012/004695 :14/06/2012 :WO 2012/173405 :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)NA Jong Ju <ul> <li>Address of Applicant :1 901 Hanyang Apt. 1089 Yangjae</li> </ul> </li> <li>daero Songpa gu Seoul 138 836 Republic of Korea <ul> <li>2)GWAK Jeong Gu</li> </ul> </li> <li>(72)Name of Inventor : <ul> <li>1)NA Jong Ju</li> <li>2)GWAK Jeong Gu</li> </ul> </li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention of skin improvement device and method includes; Multiple needles with sharp ends; A fixture that needles are embedded onto; A drive system that drives movement directly or indirectly to the fixture for the above needles to be inserted into skin; and An electric transmission that is connected to the above needles electrically is also included. The applied electricity is alternating current, the form of signal is high frequency and the needles are bipolar. Na-Plus Effect happens when the heated areas of Na-Effect in dermis expand and are connected in dermis, not in epidermis.

No. of Pages : 34 No. of Claims : 16

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : PLANT BASED DRUG DESIGNING FOR DIABETES MELLITUS TYPE-II USING PERGULARIA DAEMIA EXTRACT AND ITS PHYTOCHEMICAL PENTACOSANOIC ACID

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. UMA MAKHESWARI
(32) Priority Date	:NA	Address of Applicant :113/4 FIVE STAR APARTMENT,
(33) Name of priority country	:NA	THIRUMANGALAM ANNA NAGAR WEST, CHENNAI - 600
(86) International Application No	:NA	040 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. UMA MAKHESWARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the plant based drug designing performed for the treatment of Diabetes mellitus Type 1 and 2 using plant extracts from the plant species Pergularia daemia (Forssk.) Chiov. The plant used is a hispid, perennial vine in the Apocynaceae family. The extracts comprise phytochemical, in particular Pentacosanoic acid which is used for treatment of Type 1 diabetes and Type 2 Diabetes mellitus. Plant based drug is less toxic and free from side effects than synthetic medicaments. There are considerable economic benefits in the use of medicinal plants for the treatment of Diabetes mellitus. Hence the plant extract of Pergularia daemia and its phytochemicals may enable the design of less expensive therapies that can control, treat, and prevent Diabetes mellitus.

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

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A CLAMP ASSEMBLY FOR WHEEL ALIGNMENT (51) International classification :B65D (71)Name of Applicant : (31) Priority Document No 1)Robert Bosch Engineering and Business Solutions Limited :NA (32) Priority Date Address of Applicant :123, Industrial Layout, Hosur Road, :NA (33) Name of priority country Koramangala, Bangalore 560095, Karnataka, INDIA :NA (86) International Application No 2)Robert Bosch GmbH :NA (72)Name of Inventor: Filing Date :NA (87) International Publication No : NA 1)HANNIKERI Kavitha Avinash (61) Patent of Addition to Application Number :NA 2)NARASIMAIAH Prasanna Sampigehalli Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed herein is a clamp assembly 100 for wheel alignment. The clamp assembly 100 comprises a plate 101 and a shaft 102. The shaft 102 is fitted onto the plate 101. The clamp assembly 100 has at least a pair of levers 103 and 104 movably engaged with the shaft 102, and a clamp 105 located at the end of the pair of levers 103 and 104.

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

#### (19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A SENSING DEVICE FOR DETECTING AN OPERATING CONDITION OF A VEHICLE ENGINE		
(51) International classification:G06H(31) Priority Document No:NA(32) Priority Date:NA	<ul> <li>7 (71)Name of Applicant :</li> <li>1)Robert Bosch Engineering and Business Solutions Limited Address of Applicant :123, Industrial Layout, Hosur Road,</li> </ul>	
(32) Inforty DateInforty(33) Name of priority country:NA(86) International Application No:NA	Koramangala, Bangalore 560095, Karnataka, INDIA 2)Robert Bosch GmbH	
Filing Date :NA (87) International Publication No : NA	(72)Name of Inventor : 1)YERGOL Girish	
(61) Patent of Addition to Application Number :NA	1) I ENGOL GITISH	
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA		

(57) Abstract :

A sensing device (100) for detecting an operating condition of an engine is disclosed. The device (100) comprising a wheel (10) with a magnet (20), said wheel connected to a crankshaft (30) of said engine, a stator (40) adapted to be in an electromagnetic connection with said magnet (20) of said wheel (10) and a measuring means (50) connected to said stator (40) to read current induced in said stator when said magnet (20) of said wheel (10) comes in electromagnetic contact with said stator (40). Reference figure: Figure. 1

No. of Pages : 11 No. of Claims : 6

#### (19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : TEETH FOR DISPERSER PLATE HAVING GROOVES AND TAPER

<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>	:D21D1/00 :61/746,011 :26/12/2012 :U.S.A.	,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ISMO IHALINEN
(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 disperser plate segment for removing contaminants from fiber stock, the segment comprising: radially inner and outer edges, multiple radially concentric rows of teeth, each row of teeth having multiple teeth defining multiple channels disposed intermediate the teeth, each of the channels having a lower channel base surface and each of the teeth having a top surface, at least one face surface extending from the channel base surface to the top surface, and wherein at least one of the face surfaces comprises at least two grooves.

No. of Pages : 26 No. of Claims : 21

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : RESIN COMPOSITE MATERIAL AND METHOD FOR PRODUCING RESIN COMPOSITE 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</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/JP2013/050068 :08/01/2013 :WO 2013/105539 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SEKISUI CHEMICAL CO. LTD. Address of Applicant :4 4 Nishitemma 2 chome Kita ku Osaka shi Osaka 5308565 Japan</li> <li>(72)Name of Inventor :</li> <li>1)MUKOHATA Daisuke</li> <li>2)INUI Nobuhiko</li> </ul>
Number Filing Date	:NA :NA	

#### (57) Abstract :

Provided are: a resin composite material which is suppressed in agglomeration of silane compounds in a resin and is decreased in the coefficient of linear expansion; and a method for producing a resin composite material. A resin composite material which contains a resin and a silane compound (12) that has a structure represented by formula (1) and wherein a molecular chain of the resin and a molecular chain of the silane compound (12) form an IPN structure or a semi IPN structure; and a method for producing a resin composite material which comprises a step wherein a resin composition is obtained by mixing a resin and silane compounds (12a) and an IPN structure formation step wherein a plurality of silane compounds (12a) contained in the resin composition are condensed with each other. In formula (1) each R represents one atom or group independently selected from the group consisting of a hydrogen atom a halogen atom and an arbitrary organic functional group with at least one R being a reactive organic functional group; x represents 1 or 1.5; and n represents an integer of from 100 to 10 000 (inclusive).

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

(19) INDIA

(22) Date of filing of Application :18/12/2013

	65	
(51) International classification	:h04n	(71)Name of Applicant :
(21) Priority Document No	:2012-	1)CANON KABUSHIKI KAISHA
(31) Priority Document No	281751	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:25/12/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AOYAMA, YUUZOU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (54) Title of the invention : IMAGING APPARATUS

(57) Abstract :

THIS INVENTION ALLOWS RECORDING OF MOVING IMAGES WITH A LARGE NUMBER OF PIXELS AND HIGH FRAME RATE WHILE SUPPRESSING THE CIRCUIT SCALE AND POWER CONSUMPTION. A FIRST PROCESSING CIRCUIT ENCODES A FRAME ACQUIRED FROM AN IMAGE CAPTURING DEVICE, RECORDS THE RESULTANT ENCODED DATA IN A RECORDING MEDIUM AT A RECORDING POSITION RECEIVED FROM A SECOND PROCESSING CIRCUIT, AND TRANSMITS A RELEVANT DATA AMOUNT TO THE SECOND PROCESSING CIRCUIT. THE SECOND PROCESSING CIRCUIT ENCODES A FRAME OBTAINED FROM THE IMAGE CAPTURING DEVICE, RECORDS THE RESULTANT ENCODED DATA IN THE RECORDING MEDIUM AT A RECORDING POSITION DETERMINED IN PRIOR RECORDING PROCESSING, DETERMINES A RECORDING POSITION FOR THE FIRST PROCESSING CIRCUIT, AND TRANSMITS THE DETERMINED RECORDING POSITION TO THE FIRST PROCESSING CIRCUIT. UPON RECEIVING INFORMATION SHOWING A DATA AMOUNT, THE SECOND PROCESSING CIRCUIT UPDATES A RECORDING POSITION BASED ON THE RECEIVED DATA AMOUNT.

No. of Pages : 77 No. of Claims : 11

#### (19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 27/02/2015

#### (51) International classification :A44C (71)Name of Applicant : 1)OMEGA SA (31) Priority Document No :12199275.4 (32) Priority Date :21/12/2012 Address of Applicant : JAKOB-STAMPFLI-STRASSE 96, (33) Name of priority country :EPO 2502, BIEL/BIENNE Switzerland (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)LAUPER, STEPHANE** : NA (87) International Publication No 2)KISSLING, GREGORY (61) Patent of Addition to Application Number :NA **3)WINKLER, YVES** Filing Date :NA 4) DUBACH, ALBAN (62) Divisional to Application Number :NA **5)BOURBAN, STEWES** Filing Date 6)BLASER, LIONEL :NA

#### (54) Title of the invention : DECORATIVE PIECE WITH INVISIBLE SETTING

(57) Abstract :

Decorative piece with invisible setting The invention relates to a decorative piece (1, 3, 5) comprising a plurality of stones (2) and a device (7, 7) for fixing the stones (2) relative to each other, the fixing device (7, 7) comprises a single base (9, 9) made of a first material which makes it possible to attach all the stones (2) relative to each other by one of their faces, the kites (6) of stones (2) aremounted edge to edge relative to each other so that said single base is masked, characterised in that the first material is an at least partially amorphous alloy. The invention likewise relates to the method for manufacturing such a piece (1, 3, 5). The invention relates to the field of jewellery, gemstone articles or timepieces.

No. of Pages : 29 No. of Claims : 32

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : AGRICULTURAL OR HORTICULTURAL FUNGICIDE COMPOSITION AND METHOD FOR CONTROLLING PLANT PATHOGEN

<ul><li>(51) International</li><li>classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A01P3/00,A01N43/40,A01N37/50 :2011117097 :25/05/2011	<ul> <li>(71)Name of Applicant :</li> <li>1)ISHIHARA SANGYO KAISHA LTD. Address of Applicant :3 15 Edobori 1 chome Nishi ku Osaka shi Osaka 5500002 Japan</li> </ul>
(32) Name of priority country		(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> </ul>	:PCT/JP2012/064253 :25/05/2012 :WO 2012/161354	1)SUGIMOTO Koji 2)SUZUKI Takanori 3)YAMAMOTO Koudai
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract :

A composition having a stable and high fungicidal effect against a cultivated crop infected by a plant pathogen is provided. An agricultural or horticultural fungicide composition containing as active ingredients (a) fluazinam or its salt and (b) a strobilurin compound or its salt is provided; in addition a method for controlling a plant pathogen by applying the subject agricultural or horticultural fungicide composition to a plant or a soil is provided; and furthermore a method for controlling a plant pathogen by applying (a) fluazinam or its salt and (b) a strobilurin compound or its salt to a plant or a soil is provided.

No. of Pages : 25 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : BASKET STYLE CARDIAC MAPPING CATHETER HAVING A FLEXIBLE ELECTRODE ASSEMBLY FOR DETECTION OF CARDIAC RHYTHM 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 <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:01/03/2012 :WO 2012/145072	<ul> <li>(71)Name of Applicant :</li> <li>1)TOPERA INC.</li> <li>Address of Applicant :11445 E. Via Linda Suite 2 Scottsdale</li> <li>AZ 95259 U.S.A.</li> <li>(72)Name of Inventor :</li> <li>1)KORDIS Thomas F.</li> <li>2)JOHNSON Eric T.</li> <li>3)BURKE Phillip C.</li> </ul>
	:WO 2012/145072 :NA :NA :NA :NA	

#### (57) Abstract :

A system (10) for sensing multiple local electric voltages from endocardial surface of a heart may comprise: an elongate tubular member (20); a plurality of flexible splines (14); a polymeric member (185) comprising opposed a first open end (202) and a second open end (200) defining an open lumen (208) therein wherein at least one of the plurality of flexible splines (14) is at least partially disposed within the lumen (208) of said polymeric member; a flexible electrode assembly strip (188) with one or more exposed electrodes (186) disposed on at least a portion of the outer surface (208A) of said polymeric member (185); wherein a portion of the flexible electrode assembly (188) transitions from the outer surface (208A) of said polymeric member (185) towards the inner surface (208B) of said polymeric member (185).

No. of Pages : 112 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :21/11/2013

#### (43) Publication Date : 27/02/2015

DEALIZATION STSTEN	1
:G01S19/11	(71)Name of Applicant :
:13/168485	1)THALES CANADA INC.
:24/06/2011	Address of Applicant :105 Moatfield Toronto Ontario M3B
:U.S.A.	0A4 Canada
:PCT/CA2012/000600	(72)Name of Inventor :
:19/06/2012	1)KANNER Abe
:WO 2012/174645	
:NA	
:NA	
:NA	
:NA	
	:G01S19/11 :13/168485 :24/06/2011 :U.S.A. :PCT/CA2012/000600 :19/06/2012 :WO 2012/174645 :NA :NA :NA

#### (54) Title of the invention : VEHICLE LOCALIZATION SYSTEM

(57) Abstract :

A localization system for a vehicle running on a guideway including portions obscured from satellite view has a number of GNSS receivers placed at strategic locations along the guideway in view of navigation satellites. GNSS transmitters retransmit received GNSS signals along an obscured portion of the guideway. Coded targets are placed at known locations along the guideway. A GNSS receiver on the vehicle picks up GNSS signals directly from the navigation satellites or retransmitted from the GNSS transmitters when on an obscured portion of the guideway. A proximity sensor on the vehicle detects the coded targets. An on board computer synchronizes the location obtained from the GNSS signals with the location obtained from the proximity sensor. The vehicle is thus able to determine its position even in an obscured portion such as a tunnel.

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

#### (19) INDIA

(22) Date of filing of Application :21/11/2013

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : THRUST ROLLER 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> <li>Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA	<ul> <li>(71)Name of Applicant : <ul> <li>1)OILES CORPORATION</li> <li>Address of Applicant :6 34 Kounan 1 chome Minato ku Tokyo 1080075 Japan</li> <li>(72)Name of Inventor : <ul> <li>1)MORISHIGE Kouichi</li> <li>2)SAITO Katsunori</li> <li>3)WATAI Tadashi</li> </ul> </li> </ul></li></ul>
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(57) Abstract :

A thrust roller bearing (1) is equipped with: a synthetic resin upper case (100); a synthetic resin lower case (200); and a synthetic resin thrust roller bearing part (300) arranged between the upper and lower cases (100) and (200). The upper surface (304) of the thrust roller bearing part (300) is equipped with inside recessed parts (306) and outside recessed parts (307) formed in two rows an inside row and an outside row and a lubricating oil substance which fills these inside recessed parts (306) and outside recessed parts (307). The inside recessed parts (306) and the outside recessed parts (307) are arranged having a phase difference for which the angle  $1 = 6^{\circ}$ .

No. of Pages : 58 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 27/02/2015

(51) International classification	:G07D7/04	(71)Name of Applicant :
(31) Priority Document No	:10 2011 109 949.6	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:10/08/2011	Address of Applicant : Prinzregentenstrae 159 81677
(33) Name of priority country	:Germany	M <sup>1</sup> / <sub>4</sub> nchen Germany
(86) International Application No	:PCT/EP2012/003384	(72)Name of Inventor :
Filing Date	:08/08/2012	1)PAUL Elisabeth
(87) International Publication No	:WO 2013/020702	2)SCHTZMANN J <sup>1</sup> /4rgen
(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 : TEST CONFIGURATION FOR TESTING SECURITY DOCUMENTS

(57) Abstract :

The invention relates to a testing configuration (30) for testing a security document (1) comprising a security element (2) which comprises a high coercivity magnetic material and a low coercivity magnetic material to a device (40) comprising such a test configuration (30) and to a relevant test method. The high coercivity and the low coercivity magnetic material of the security element (2) are magnetized in a first direction by the interaction of a first magnet pair unit (20A) and a second magnet pair unit (20B) and subsequently the low coercivity magnetic material is remagnetized in a second magnetization direction by means of the second magnet pair unit (20B). The magnet pair units are arranged with respect to one another in such a closely adjacent manner along the transport path of the security document that the first magnet field strength is greater than the magnet field strength provided by the second magnet pair unit (20B) alone.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/11/2013

#### (43) Publication Date : 27/02/2015

(51) International classification	:H02P23/00,H02P6/00	(71)Name of Applicant :
(31) Priority Document No	:BO2011A000340	1)SPAL AUTOMOTIVE S.R.L.
(32) Priority Date	:13/06/2011	Address of Applicant : Via per Carpi 26/B I 42015 Correggio
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2012/052973	(72)Name of Inventor :
Filing Date	:13/06/2012	1)DE FILIPPIS Pietro
(87) International Publication No	:WO 2012/172488	
(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 : ELECTRIC DRIVE UNIT

(57) Abstract :

Described is an electric drive unit (1) comprising an electric motor (2) with permanent magnets an inverter (3) supplying electricity to the electric motor (2) a continuous current stage (4) supplying electricity to the inverter a controller (8) comprising a modulator (5) for driving the inverter controlled by a first digital signal ( $Vs_act$ ) representing the amplitude of the phase voltages to be applied to the electric motor and by a second digital signal (freq\_act) representing the electrical frequency of the phase voltages; the electric drive unit (1) comprises an analogue/digital stage (6) for calculating the optimum value of the advance angle (d) of the voltage applied to the electric motor relative to the counter electromotive force as a linear function of the peak value of the phase current and an analogue/digital stage (12) for measuring the angle (fact) between the voltage applied to the electric motor and the phase current; the controller (8) is programmed for estimating with a sampling at electrical frequency the angle (act) between the phase current and the counter electromotive force as the difference between the aforesaid optimum value of the advance angle (dopt) and the angle (act) measured between the voltage applied to the electric motor and the phase current and the counter electromotive force as the difference between the aforesaid optimum value of the advance angle (dopt) and the angle (act) measured between the voltage applied to the electric motor and the phase current and the counter electromotive force as the difference between the aforesaid optimum value of the advance angle (dopt) and the angle (act) measured between the voltage applied to the electric motor and the phase current.

No. of Pages : 32 No. of Claims : 7

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PLAIN BEARING SHELL WITH SLIDE FACE SURFACE GEOMETRY WHICH IS PROFILED IN THE AXIAL DIRECTION

<ul> <li>(51) International classification</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/EP2012/059853 :25/05/2012 :WO 2012/168096 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)FEDERAL MOGUL WIESBADEN GMBH Address of Applicant :Stielstrae 11 65201 Wiesbaden Germany</li> <li>(72)Name of Inventor :</li> <li>1)ROMANITH Ralf</li> <li>2)RITTMANN Stefan</li> </ul>
Number Filing Date	:NA :NA	

(57) Abstract :

A plain bearing shell (1) the slide face (2) of which is in the region of the apex of the plain bearing shell (1) convexly curved in the axial direction at least at the edge regions (21) wherein the curvature is at its most pronounced at the apex of the plain bearing shell (1) and decreases continuously in the circumferential direction of the plain bearing shell (1) toward the two partial surfaces (3). A method for producing a plain bearing shell of said type.

No. of Pages : 19 No. of Claims : 13

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : METHOD AND DEVICE FOR HOT STAMPING

<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application</li><li>No</li></ul>	:10 2011 103 000.3 :24/05/2011 :Germany	<ul> <li>(71)Name of Applicant :</li> <li>1)LEONHARD KURZ STIFTUNG &amp; CO. KG Address of Applicant :Schwabacher Strae 482 90763 F<sup>1</sup>/<sub>4</sub>rth Germany</li> <li>(72)Name of Inventor :</li> <li>1)WENING Jochen</li> <li>2)MHLFELDER Peter</li> <li>3)PFORTE Klaus</li> </ul>
Filing Date (87) International Publication No	:WO 2012/159871	5)FFORTE Maus
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

The invention relates to a method for hot stamping at least one part of at least one strip shaped stamping foil (10 20) on a strip shaped substrate (30) and to a corresponding hot stamping device. The substrate (30) to be stamped is combined with a stamping foil (10 20) of the at least one stamping foil (10 20). The substrate (30) and the stamping foil (10 20) located thereon are guided along the circumference of a first heated stamping roll wherein a first stamping layer is stamped on the substrate (30) during a first stamping operation. After being stamped once the substrate (30) is guided away from the first stamping foil or with an additional stamping foil (10 20). After being imprinted once the substrate (30) and the stamping foil (10 20) located thereon are guided along the circumference of a second heated stamping roll wherein a second stamping layer is stamped on the substrate (30) and the stamping foil (10 20) located thereon are guided along the circumference of a second heated stamping roll wherein a second stamping layer is stamped on the substrate (30) and the stamping foil (10 20) located thereon are guided along the circumference of a second heated stamping roll wherein a second stamping layer is stamped on the substrate (30) during a second stamping operation. Finally after being imprinted twice the substrate (30) is guided away from the second stamping roll.

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

(19) INDIA

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

(43) Publication Date : 27/02/2015

(51) International classification	:F22B29/06	(71)Name of Applicant :
(31) Priority Document No	:61/499253	1)BABCOCK & WILCOX POWER GENERATION
(32) Priority Date	:21/06/2011	GROUP INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :20 S. Van Buren Avenue Barberton OH
(86) International Application No	:PCT/US2012/043477	44203 U.S.A.
Filing Date	:21/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/018000	1)HICKS Timothy E.
(61) Patent of Addition to Application	:NA	2)GRIES Jeffrey J.
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

#### (54) Title of the invention : DUAL PATH PARALLEL SUPERHEATER

(57) Abstract :

A dual path parallel superheater includes a drum for delivering steam a steam receiving apparatus opposite the drum for receiving steam a first surface and a second which receive steam from the drum to provide first and second paths for superheating the steam before delivering it to the steam receiving apparatus. There are also spray attemperators along the first and second paths.

No. of Pages : 16 No. of Claims : 17

#### (19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : ILLUMINATED VEHICLE NUMBER PLATE (51) International classification :B60Q1/00 (71)Name of Applicant : **1)DIGICON SYSTEMS** (31) Priority Document No :NA (32) Priority Date Address of Applicant :NO. 6/1A. RAMACHANDRAPURA :NA (33) Name of priority country MAIN ROAD, VIDYARAMYAPURA, BANGALORE - 560 097 :NA (86) International Application No Karnataka India :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)K.P. BINEESH (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The various embodiments of the present invention disclose an illuminated number plate comprising an electronic circuitry and a housing. The electronic circuitry comprises a series of LED bulbs and a power circuitry. The LED bulbs are coded with a desired colour. The power circuitry supplies the necessary power for illumination of the LED bulbs. The housing encloses the electronic circuitry. The power circuitry is connected to a battery provided in a vehicle. The LED bulbs are synchronized with a headlight or a frontlight or a parking light. When the headlight or the frontlight or the parking light is triggered ON then LED bulbs are automatically switched ON. The LED switches are enabled with daylight saving i.e. the LED lights glows only in the night time.

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

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

#### (43) Publication Date : 27/02/2015

## (54) Title of the invention : TROUBLE SHOOTING DEVICE AND METHOD FOR INSTANTANEOUS ERROR DEPICTION BASED ON LOG FILES OF NETWORK DEVICES

(31) Priority Document No:(32) Priority Date:(33) Name of priority country:(86) International Application No:Filing Date:(87) International Publication No:(61) Patent of Addition to Application Number:Filing Date:	NA NA NA NA NA NA NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500</li> <li>RUEIL MALMAISON France</li> <li>(72)Name of Inventor :</li> <li>1)VENKATA SHRAVAN KUMAR, PAGOLU</li> <li>2)ARAVIND KUMAR, ANDAGUNDA</li> <li>3)MANIKANDAN THIRUGNANASAMBANDAM</li> <li>SINGARAVELU</li> </ul>
	NA NA	

(57) Abstract :

The invention discloses a troubleshooting device and method for instantaneous error depiction of a heterogeneous network based on log files of network devices. The device includes plurality of communication interfaces for establishing communication with the network devices and automatically retrieving the log files, a logging module for storing the log files for analysis, a parser module for processing and analyzing the log files, a learning module for automatically identifying the errors present in the log files by comparing the tags with the tags of the errors predefined by the checklist files, and a mapping module for automatically generating visual representation of the complete network comprising the health status of the each network devices and communication links pinpointing the error issues in distinct manner. The device indicates root causes of the errors by error notifications along with the visual representation of the error issues.

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

#### (43) Publication Date : 27/02/2015

(51) International classification	:C07K7/64,A61K38/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2011/059402	1)POLYPHOR AG
(32) Priority Date	:07/06/2011	Address of Applicant :Hegenheimermattweg 125 CH 4123
(33) Name of priority country	:EPO	Allschwil Switzerland
(86) International Application No	:PCT/EP2012/060763	(72)Name of Inventor :
Filing Date	:06/06/2012	1)OBRECHT Daniel
(87) International Publication No	:WO 2012/168336	2)GOMBERT Frank Otto
(61) Patent of Addition to Application	:NA	3)ZIMMERMANN Johann
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		Letter and the second sec

#### (54) Title of the invention : BETA HAIRPIN PEPTIDOMIMETICS AS CXC4 ANTAGONISTS

(57) Abstract :

Hairpin peptidomimetics of the general formula cyclo( Tyr His Xaa Cys Ser Ala Xaa Xaa Arg Tyr Cys Tyr Xaa XaaPro Pro ) disulfide bond between Cys and Cys and pharmaceutically acceptable salts thereof with Xaa Xaa Xaa Xaa and Xaa being amino acid residues of certain types which are defined in the description and the claims have favorable pharmacological properties and can be used for preventing HIV infections in healthy individuals or for slowing and halting viral progression in infected patients; or where cancer is mediated or resulting from CXCR4 receptor activity; or where immunological diseases are mediated or resulting from CXCR4 receptor activity; or for treating immunosuppression; or during apheresis collections of peripheral blood stem cells and/or as agents to induce mobilization of stem cells to regulate tissue repair. These peptidomimetics can be manufactured by a process which is based on a mixed solid and solution phase synthetic strategy.

No. of Pages : 56 No. of Claims : 14

#### (19) INDIA

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

(43) Publication Date : 27/02/2015

### (54) Title of the invention : ASSEMBLY DEVICE USING THE DEFROMATION OF RESILIENT ARMS

Filing Date:NA1)CUSIN, PIERRE(87) International Publication No: NA2)STRANCZL, MARC(61) Patent of Addition to Application Number:NA3)MALLET, DANIELFiling Date:NA4)GRAF, EMMANUEL(62) Divisional to Application Number:NA	<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	Address of Applicant :AVENUE DU COLLEGE 10, 2400 LE LOCLE Switzerland (72)Name of Inventor : 1)CUSIN, PIERRE 2)STRANCZL, MARC 3)MALLET, DANIEL
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(57) Abstract :

Assembly device using the deformation of resilient arms The invention relates to a system (1, 21, 41, 61, 81) of assembling a member (3, 23, 43, 63, 83), made of a first material, in the aperture (4, 84) of a part (5, 25, 65, 85) made of a second material having no usable plastic domain, using an intermediate portion (7, 27, 47, 67, 87) made of a third material, mounted between said member and said part. According to the invention, the part (5, 25, 65, 85) is accommodated against a first level (6) of the intermediate portion (7, 27, 47, 67, 87) and is resiliently locked on a second level (8) of the intermediate portion (7, 27, 47, 67, 87) by the member (3, 23, 43, 63, 83) in order to secure together the unit comprising the member (3, 23, 43, 63, 83) - intermediate portion (7, 27, 47, 67, 87) -part (5, 25, 65, 85). The invention concerns the field of timepieces.

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

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 27/02/2015

### (54) Title of the invention : POLYSILOXANE BASED FOULING RELEASE COATS INCLUDING ENZYMES

<ul> <li>(51) International classification</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>	:11172166.8 :30/06/2011 :EPO :PCT/DK2012/050226 :29/06/2012 :WO 2013/000477 :NA :NA :NA	<ul> <li>(71)Name of Applicant : <ol> <li>HEMPEL A/S</li> <li>Address of Applicant :Lundtoftegrdsvej 91 DK 2800 Kgs.</li> </ol> </li> <li>Lyngby Denmark </li> <li>(72)Name of Inventor : <ol> <li>OLSEN Stefan M,ller</li> <li>YEBRA Diego Meseguer</li> </ol> </li> </ul>
11		
Filing Date	:NA	

(57) Abstract :

The present application discloses a fouling release cured paint coat comprising a polysiloxane based binder matrix constituting at least 40 % by dry weight of the coat and one or more enzymes. The application further discloses a kit for preparing a fouling release coat a coating composition comprising a polysiloxane based binder system comprising one or more polysiloxane components modified with hydrophilic oligomer/polymer moieties and one or more enzymes and a coating composition comprising a polysiloxane based binder system 0.01 20 % by dry weight of one or more hydrophilic modified polysiloxane oils and one or more enzymes.

No. of Pages : 62 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : SYNTHETIC FORMULATIONS AND METHODS OF MANUFACTURING AND USING THEREOF (51) International classification :C04B18/06,C04B7/02 (71)Name of Applicant : 1) RUTGERS THE STATE UNIVERSITY OF NEW (31) Priority Document No :61/495,152 (32) Priority Date :09/06/2011 JERSEY (33) Name of priority country Address of Applicant :Old Queens 83 Somerset Street New :U.S.A. Brunswick NJ 08901 1281 U.S.A. (86) International Application No :PCT/US2012/041314 Filing Date :07/06/2012 (72)Name of Inventor : (87) International Publication No :WO 2012/170667 A1 1)RIMAN Richard E. (61) Patent of Addition to Application 2)NYE Thomas E. :NA Number **3)ATAKAN Vahit** :NA Filing Date 4)VAKIFAHMETOGLU Cekdar (62) Divisional to Application Number :NA 5)LI Qinghua Filing Date 6)LING Tang :NA

### (57) Abstract :

A method for producing a reaction product including at least one synthetic formulation that carbonates sufficiently said method comprising: providing a first raw material having a first concentration of M; providing a second raw material having a second concentration of Me; and mixing the first raw material and the second raw material to produce a reaction product that includes at least one synthetic formulation having the general formula MMeO MaMeb(OH) MMeO(OH) or MMeO(OH) (H20) wherein M comprises at least one metal that can react to form a carbonate and Me is at least one element that can form an oxide during the carbonation reaction wherein the at least one synthetic formulation is capable of undergoing a carbonation reaction and wherein the at least one synthetic formulation is capable of undergoing the carbonation reaction.

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

(22) Date of filing of Application :15/07/2014

### (54) Title of the invention : METHOD FOR COATING HOT-DIP GALAVANIZED STEEL SHEET SURFACE

	COOCE	
(51) International classification	:G03G5/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 173094	1)SADAO IKEJIRI Address of Applicant :1635-1, SHIMOTSUNO,
(32) Priority Date	:23/08/2013	ARIDAGAWA -CHO, ARIDA-GUN, WAKAYAMA, 643-0021
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SADAO IKEJIRI
(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 :

Provided is a method for coating a hot-dip galvanized steel sheet surface that is excellent in the durability of a coating film. The method for coating a hot-dip galvanized steel sheet surface according to the present invention comprises directly coating a hot-dip galvanized steel sheet surface with an aqueous acrylic rubber coating material as an undercoat.

No. of Pages : 19 No. of Claims : 3

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : 'AN ORBITAL TYPE APPARATUS WITH CAM DEVICE SUPPORTED BY A LASER VISION SENSOR BASED SEAM TRACKING MEANS FOR WELDING OF A STUB TO A HEADER IN A BOILER SYSTEM'

(51) International classification	:B23K 9/00	(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, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANNARSAMY RAMAKRISHNAN
Filing Date	:NA	2)KOTHAIMATHAN GANESH KUMAR
(62) Divisional to Application Number	:NA	3)PAYYALORE RAMAN VENKATESWARAN
Filing Date	:NA	

#### (57) Abstract :

The invention relates to an orbital type apparatus with cam device supported by a laser vision sensor based seam tracking means for welding of a stub to a header in a boiler system, the apparatus comprising a mounting assembly (4) having a cross slide and one each weld head assembly on both sides i.e. (right and left). Each head assembly includes a flexible arrangement with a long narrow groove nozzle (5, 6) with controllable sensor based tracking means (7). Each head assembly further includes a plurality of orbital weld head (3) for welding a stub (2) to a header (1), wherein the two head assemblies are simultaneously operable at 180° each in opposite directions to carry out the orbital welding, and wherein the sensor is fixed outside the narrow groove to guide the torch for carrying out welding.

No. of Pages : 9 No. of Claims : 1

#### (19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : A HYBRID ENERGY POWER PLANT ADAPTED TO UTILIZE MULTIPLE ENERGY SOURCE

(51) International classification	:B60K6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	KHARAGPUR
(33) Name of priority country	:NA	Address of Applicant :SPONSORED RESEARCH &
(86) International Application No	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
Filing Date	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(87) International Publication No	: NA	INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BAJPAI, PRABODH
(62) Divisional to Application Number	:NA	2)KISHORE, N.K.
Filing Date	:NA	3)REDDY, ANANTHA BADDAM

(57) Abstract :

A hybrid control system for supplying electrical energy to a unified load by involving multiple energy sources comprises controller for supplying required electrical energy to the unified load systematically involving any one or more of the said multiple energy sources based on the state of charge level of the rechargeable secondary energy source, said multiple energy sources operatively connectable with the unified load to at least partially meet the electrical energy requirement of the unified load. In the present hybrid control system, the said multiple energy sources include a primary energy source, a rechargeable secondary energy source and plurality of secondary energy sources. The controller supply the requisite electrical energy to the unified load by fully utilizing the electrical energy from the primary energy source and systematically involving the primary energy source and the secondary energy sources based on the state of charge level of the rechargeable secondary energy source.

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/08/2013

#### (54) Title of the invention : AN IMPROVED ARRANGEMENT OF DIRECTED OIL FLOW (DOF) FOR EFFICIENT COOLING OF TRANSFORMER

#### (57) Abstract :

The invention relates to an improved arrangement of directed oil flow (DOF) for efficient cooling of transformer. The arrangement comprises of disposing directed oil flow holes as a part of core and end frame assembly and fixing a detachable pipe assembly fixture (4) to a end frame (2) with its flange (7) being attached to the end frame flange (8) on one side and to the tank wall (6) on the other side. A gap is allowed to exist between the pipe extending from the tank and the pipe coming from end flange assembly. The pipe assembly (4) is assembled and aligned in a straight position by wrapping sealing cover and the assembly is tightened with heat shrinkable tape. The direction of flow of oil is kept straight without any leakage from gap when the pipe assembly carries the cooled oil from the tank into winding.

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : A POLY POWER CONVERTER UNINTERRUPTED POWER SYSTEM IN LARGE SCALE APPLICATION.

<ul> <li>(51) International classification</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>	:NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)KAMAL KANT AGGARWAL Address of Applicant :28 MOHINI ROAD, DEHRADUR UTTARAKHAND 248001 INDIA</li> <li>(72)Name of Inventor :</li> <li>1)KAMAL KANT AGGARWAL</li> </ul>
Filing Date	:NA	

#### (57) Abstract :

À poly power converter uninterrupted power supply system (PPC-UPS) comprising :storage means coupled to plurality of supply means which further includes; regular supply means coupled to atleast a rectifier block for conversion of AC power to DC ;a battery bank (46) connected to a battery changer (70) coupled to the said storage means ;solar panel (10) coupled to the said storage means; atleast a multimel engine (30) comprising two types of fuel; atleast a rare earth magnet alternator (32) coupled to the said multimelengine (30);said rare earth magnet alternator (32) coupled to a 3phase rectifier block to feed rectifier pulse to the said condenser bank wherein the said condenser bank is coupled to a transformerless inverter to provide a pure sine wave output.

(22) Date of filing of Application :21/03/2013

## (54) Title of the invention : HERBAL COMPOSITIONS FOR PREVENTION OR TREATMENT OF RESPIRATORY 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> </ul>	:A61k, A61L :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)SHIT, Bharati</li> <li>Address of Applicant :G.P. GARBARI 1, P.O. + VILL:</li> <li>TIORKHALI, DIST: PURBA MEDINIPUR. PIN: 721655, WEST</li> <li>BENGAL, INDIA</li> <li>(72)Name of Inventor :</li> </ul>
Filing Date	:NA	1)SHIT, Bharati
(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 in a preferred embodiment provides herbal compositions for prevention or treatment of respiratory disorder, comprising at least a part of Heliotropium indicum. The present invention also provides for the methods of preparation and various modes of administration of the said herbal compositions.

(22) Date of filing of Application :21/08/2013

#### (54) Title of the invention : AUTOMATIC SELF-ADJUSTING SPINDLE DRIVE

(51) International classification		(71)Name of Applicant :
(51) International elassification	23/00	1)CAMEL PRECISION CO.,LTD.
(31) Priority Document No	:NA	Address of Applicant :NO. 455, SEC. 2, CHUNG ZOW RD.,
(32) Priority Date	:NA	TENCHUNG, CHANG HWA, TAIWAN, R.O.C.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)LEE CHIN-CHUAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract :

An automatic self-adjusting spindle drive interconnected between first and second devices (90,92) comprises a drive shaft (20) engagable to the first device (90), and a driven shaft (30) engagable to the second device (92). The driven shaft (30) is releasably engaged with the drive shaft (20). One of the drive shaft (20) and the driven shaft (30) includes a plurality of radially extended and circumferentially disposed engaging teeth (21). The other of the drive shaft (20) and the driven shaft (30) includes a plurality of radially extended and circumferentially disposed engaging recesses (31) for receiving the plurality of engaging teeth (21). Each of the plurality of engaging teeth (21) is correspondingly received in and has peripheral sides smaller than corresponding peripheral sides of one of the plurality of engaging recesses (31).

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : AN IMPROVED SYNGAS COOLING SYSTEM WITH EASE OF MAINTENANCE IN PRESSURISED FLUIDISED BED GASIFIERS.

		(71)Name of Applicant :
	:B01J	
(51) International classification	8/00	Address of Applicant :REGIONAL OPERATIONS
(31) Priority Document No	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(32) Priority Date	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(33) Name of priority country	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No	:NA	FORT, NEW DELHI - 110049, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VENGATACHALAM PERIAKARUPPAN
(61) Patent of Addition to Application Number	:NA	2)IYYAPPAN GOPALAN
Filing Date	:NA	3)RAJU SENTHILMURUGAN
(62) Divisional to Application Number	:NA	4)PANNIRSELVAM ARUNKUMAR
Filing Date	:NA	5)KATHALAMADHUSUDHAN KATHALAMANIKANTA
		6)MANICKAM NAMACHIVAYAM

(57) Abstract :

The Improved Syngas cooling system with ease of maintenance in Pressurised Fluidized Bed Gasifiers, comprising; a gas inlet chamber for hot syngas entry, a plurality of smaller diameter tubes attached to top and bottom tube sheets to form as single bundle, enclosed by a pressure vessel which is having feed water inlet and steam/water outlet ports, a gas outlet channel, and a number of riser tubes capable of cooling the syngas coming out of a pressurized fluidized bed gasifier and can generate saturated steam.

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

#### (43) Publication Date : 27/02/2015

(54) Title of the invention : AN INNOVATIVE PACK IN WHICH THE OVAL TUBE IS ATTACHED TO DESIGNED OVAL DISK TOP CAP

<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>	51/00 :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)EMAMI LIMITED</li> <li>Address of Applicant :687, ANANDAPUR, EM BY PASS,</li> <li>KOLKATA- 700 107, WEST BENGAL, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)MANAS KUMAR BHUNIA</li> </ul>
8	:NA : NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The innovative pack in which the oval tube is attached by the designed disk top cap can be any kind of size and shape as per need comprising a) oval tube containing the product, b) cap body providing the cap shape & major design with requisite functions c) disk which is the platen to open the gate to dispense the product.

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

#### (43) Publication Date : 27/02/2015

# (54) Title of the invention : A SYSTEM AND METHOD FOR MICRO TOOL FABRICATION BY ELECTROCHEMICAL MACHINING INVOLVING TOOL VIBRATION.

(51) International classification :H01N 8/00	<ul><li>(71)Name of Applicant :</li><li>1)BHATTACHARYYA, DR. BIJOY</li></ul>
(31) Priority Document No :NA	Address of Applicant : PROFESSOR, PRODUCTION
(32) Priority Date :NA	ENGINEERING DEPARTMENT, JADAVPUR UNIVERSITY,
(33) Name of priority country :NA	KOLKATA, PIN - 700032, INDIA.
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)BHATTACHARYYA, DR. BIJOY
(87) International Publication No : NA	2)GHOSHAL, BIKASH
(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 micro tool fabrication by electrochemical machining. and particularly to system and method of micro tool fabrication by electrochemical machining involving tool vibration to enable faster machining to achieve micro tools of desired shape and size for application in micromachining purpose. Tungsten micro tools have been fabricated at different machining conditions to objectively use the influences of voltage, frequency of tool vibration, amplitude of vibration of tungsten tool, concentrations of electrolyte and dipping length of tool inside the electrolyte. Micro tools of uniform diameter are fabricated at each applied voltage starting at 2V to 10V utilizing tool vibration with appropriate amplitude. Good quality micro tools are fabricated within a very short time by controlling a proper diffusion layer thickness introducing the vibrations of micro tool. The fabricated micro tools are applied for machining precise micro holes and micro channel using electrochemical micromachining (EMM), thus favoring prospects of wide industrial application.

#### (19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF LIVER DISORDERS

(31) Priority Document No:NA1(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	<ul> <li>(1)Name of Applicant :</li> <li>1)BASAK Nimai</li> <li>Address of Applicant :BHURKURA KASHIPUR. PO</li> <li>ONATHALI DIST PURULIYA WEST BENGAL INDIA.</li> <li>(2)Name of Inventor :</li> <li>1)BASAK Nimai</li> </ul>
Filing Date :NA	

(57) Abstract :

The present invention in a preferred embodiment provides for herbal compositions for treatment or prevention of liver disorder. The present invention also provides for the methods of preparation and various forms of administration of the said compositions. The said compositions comprise of at least a part of Streblus asper.

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/02/2015

(54) Title of the invention : LIGHT ROCKET MOTOR INSULATION COMPOSITION BASED ON POLYIMIDE - NANOSILICA FILLED EPDM - BIIR

(51) International classification	:F02K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	KHARAGPUR
(33) Name of priority country	:NA	Address of Applicant : INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY, KHARAGPUR 721302, DIST - PASCHIM
Filing Date	:NA	MIDNAPORE, STATE OF WEST BENGAL, INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GUCHHAIT, PRASANTA, KUMAR
Filing Date	:NA	2)SINGHA, NIKHIL, KUMAR
(62) Divisional to Application Number	:NA	3)CHAKI, TAPAN, KUMAR
Filing Date	:NA	4)SINGH, SANGITA

(57) Abstract :

In the present invention there is provided a polyolefinic elastomeric composition and the process for preparation of such composition. In the present invention there is also provided an elastomer composite having low density (0.9 to 1.0 gm/cc) and the said composition could be used as a light weight rocket motor insulation compound.

(22) Date of filing of Application :23/08/2013

# (54) Title of the invention : AN IMPROVED THREE PHASE SHUNT UNIT FOR PHASE SHIFTING TRANSFORMER WITH INDEPENDENT TAPPING WINDING WITH $\pm 100\%$ TAPPING RANGE

(51) International classification	:H01F 29/00	(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, DJ BLOCK 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)SUNIL SACHDEVA
Filing Date	:NA	2)ANIL KUMAR PARANJPE
(62) Divisional to Application Number	:NA	3)LALIT KUMAR
Filing Date	:NA	

#### (57) Abstract :

The invention relates to an improved three phase shunt unit for phase shifting transformer with independent tapping winding with  $\pm 100\%$  tapping range, the phase-shifting transformer essentially consists of Low-voltage windings, tap windings, high voltage windings, Intermediate voltage windings, terminal gear for tap windings at least one vacuum type OLTC for the shunt unit of the transformer, a plurality of bushings assigned to each phase, a plurality of tapping leads, the improvement is characterized in that the OLTC is formed of thirtyflve tap positions per phase totaling one hundred and five tap positions, in that the corresponding number of tapping leads are routed throughout the terminal gear by maintaining an accurate and mixture spacings between said leads, and in that the OLTC is provided with additional support members to cater for substantial increase in the weight of the terminal gear.

(22) Date of filing of Application :30/07/2014

#### (54) Title of the invention : DIAGNOSIS APPARATUS AND DIAGNOSIS METHOD FOR RELAY CIRCUIT

		(71)Nome of Applicant.
(51) Intermetional algoritization	.11011147/02	(71)Name of Applicant :
(51) International classification	:H01H47/02	
(31) Priority Document No	:2013-	Address of Applicant :1-1, KAMIKODANAKA 4-CHOME,
(31) Thomy Document to	174679	NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588,
(32) Priority Date	:26/08/2013	JAPAN
(33) Name of priority country	:Japan	2)FUJITSU TEN LIMITED
(86) International Application No	:NA	3)TRANSTRON INC.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KEIICHI YONEZAKI
(61) Patent of Addition to Application Number	:NA	2)SHINJI NAKAMURA
Filing Date	:NA	3)MASAKI MIYAMOTO
(62) Divisional to Application Number	:NA	4)JUN SASAKI
Filing Date	:NA	5)KAZUTOSHI NISHIJIMA
		6)YOUSUKE OGURA

(57) Abstract :

An example of a relay circuit includes: a capacitor connecting both ends of a load circuit; first and second main relays disposed in power supply lines between a direct-current power supply and the load circuit; a series circuit configured by a first resistor and a precharge relay disposed in parallel with the first main relay; and a second resistor connecting both ends of the load circuit. A discharge process is performed in which both the first main relay and the precharge relay are turned on, the second main relay is turned off, and a reactive current is caused to flow through the load circuit. In this discharge process, an abnormality of the first resistor is detected based on a both-end voltage of the capacitor detected by a voltage sensor and a resistance value that is an equivalent representation of the discharge process.

(19) INDIA

(22) Date of filing of Application :19/08/2013

#### (43) Publication Date : 27/02/2015

#### (54) Title of the invention : E-SWITCH PACK FOR CONSUMER PRODUCTS

(51) International classification	75/00	(71)Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37, J.L.Nehru Road, Kolkata -700 071,
(32) Priority Date	:NA	State of West Bengal, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KASTHA, Anindya
Filing Date	:NA	2)SETHI, Shruti
(87) International Publication No	: NA	3)KUMAR, Ashwani
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A-pack is provided for storing consumer goods, said pack facilitates dispensing of objects when desired and reclosing it to secure the objects therein, said pack comprising: an outer container (1), an inner component (2); said inner component adapted to be pushed in or out and a container (4) for storing the objects and capable of swiveling out of the container (1) when inner component (2) is pushed wherein the switch pack can be operated single handedly by push swivel mechanism; and wherein the switch pack is opened and closed with audible indications.

(22) Date of filing of Application :26/08/2013

## (54) Title of the invention : A BIAXIAL STRETCHING DEVICE FOR SIMULTANEOUSLY STRETCHING OF AN ELASTOMER SAMPLE'

<ul> <li>(51) International classification</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>	:A45B 25/00 :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)INDIAN INSTITUTE OF TECHNOLOGY PATNA, Address of Applicant :PATLIPUTRA COLONY, PATNA, BIHAR 800 913, INDIA</li> <li>(72)Name of Inventor :</li> <li>1)CHENNAMALLA MAHENDER</li> <li>2)DEVAPUJULA SIDDHARTHA</li> <li>3)RAJ KUMAR SAHU</li> <li>4)KARALI PATRA</li> </ul>
(61) Patent of Addition to Application Number	:NA	4)KARALI PATRA
Filing Date	:NA	5)SHOVAN BHAUMIK
(62) Divisional to Application Number	:NA	6)ARVIND KUMAR PANDEY
Filing Date	:NA	7)DIPAK KUMAR SETUA

#### (57) Abstract :

A biaxial stretching device for simultaneous stretching of an elastomer sample, in both directions has been developed. The device comprises of a square bottom structure, a plurality of supporting rods connected vertically to a base member of the frame; at least four sliding bars with grip on each open end supported on an upper frame having rollers and clamps, the sliding bars each connected to an umbrella rod which again each connected to a spline, wherein each umbrella rod is attached with a power screw through the spline. The test specimen is fixed between four grips. The rotation of the power screw increases the distances between the grips resulting the sample to stretch bi directionally.

#### (19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : PACKAGING HAVING VISIBILITY IN LOW LIGHT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B41M1/00 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ITC LIMITED</li> <li>Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA -</li> </ul>
(33) Name of priority country	:NA	700 071, STATE OF WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR, ASHWANI
(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 process of printing on a packaging with UV sensitive ink comprising the sequential steps of: (i) printing a graphics and elements on the packaging by processes selected from Offset, Gravure, Flexography, Screen and Letter-press such that the deposition of conventional ink is between 0.2 to 12 GSM; (ii) printing selected areas on said packaging through offset printing processes with the UV sensitive ink comprising additives/ pigments such that the deposition of conventional ink is between 0.2 to 12 GSM; wherein said UV sensitive ink comprises 20 to 25% by weight UV monomer (low molecular weight), 40 to 45% by weight UV Oligomers (high molecular weight), 20 to 25% by weight of pigments, 5 to 10% by weight of additives.

#### (19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF HYPERTENSION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61K36/00 :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)DEVI Nongthombam Ibempishak</li> <li>Address of Applicant :P/O NAMBOL P/S NAMBOL</li> </ul>
(32) Name of priority country	:NA	BISHNUPUR MANIPUR PIN795134 INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEVI Nongthombam Ibempishak
(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 in a preferred embodiment provides for herbal compositions for treatment or prevention of hypertension. The present invention also provides for the methods of preparation and various forms of administration of the said compositions. The said compositions comprise of at least a part of Allium hookeri.

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF LIVER DISORDERS

<ul> <li>(51) International classification</li> <li>:A61K36/0</li> <li>(31) Priority Document No</li> <li>:NA</li> <li>(32) Priority Date</li> <li>:NA</li> <li>(33) Name of priority country</li> <li>:NA</li> <li>(86) International Application No</li> <li>Filing Date</li> <li>:NA</li> <li>(87) International Publication No</li> <li>:NA</li> <li>(87) International Publication No</li> <li>:NA</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>:NA</li> <li>(62) Divisional to Application Number</li> <li>:NA</li> <li>Filing Date</li> <li>:NA</li> </ul>	<ul> <li>0 (71)Name of Applicant :         <ol> <li>1)HRANKHOL Chaitramohon                 Address of Applicant :JAMPUIJALA WEST TRIPURA                 TRIPURA INDIA                 (72)Name of Inventor :                 1)HRANKHOL Chaitramohon</li> </ol></li></ul>
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(57) Abstract :

The present invention in a preferred embodiment provides for herbal compositions for treatment or prevention of liver disorder. The present invention also provides for the methods of preparation and various forms of administration of the said compositions. The said compositions comprise of at least a part of Lasia spinosa.

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HIGH PRESSURE PASTEURIZED LITCHI JUICE.

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	KHARAGPUR
(33) Name of priority country	:NA	Address of Applicant :SPONSORED RESEARCH &
(86) International Application No	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
Filing Date	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(87) International Publication No	: NA	INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAUSHIK, NEELIMA
(62) Divisional to Application Number	:NA	2)RAO, DR. P. SRINIVASA
Filing Date	:NA	3)KAUR, BARJINDER PAL

(57) Abstract :

A storage stable packaged litchi juice and a non-thermal method of pasteurizing the same by applying selective parameters of hydrostatic pressure processing that is free of any added chemical additives and/or preservatives and is microbially safe in addition to retaining fresh-like attributes of litchi juice that has extended shelf life of at least 90 days when stored under packaging at the temperatures of upto 4 °C. Fig. 1

#### (19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HERBAL COMPOSITIONS FOR HAIR CARE

(51) International classification	· \ 61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGH Phuritsabam Bishwaroop
(32) Priority Date	:NA	Address of Applicant :LOCALITY - KHURAI VILLAGE-
(33) Name of priority country	:NA	KHURAI ANGOM LEIKAI DISTRICT - IMPHAL EAST PIN-
(86) International Application No	:NA	795010 STATE- MANIPUR INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SINGH Phuritsabam Bishwaroop
(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 in a preferred embodiment provides herbal compositions for aiding hair care comprising at least a part of leaf or bulb or seed of Allium odorum.

#### (19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 27/02/2015

#### (54) Title of the invention : HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF LIVER DISORDERS

(32) Priority Date:NAAddress of Applicant :SAMPARADISA HAFLONG DIST(33) Name of priority country:NANORTH CACHER HILLS ASSAM PIN-788819 INDIA(86) International Application No:NA(72)Name of Inventor :Filing Date:NA1)DIBRAGED Joynoram(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa:NA </th <th><ul> <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></th> <th>:NA :NA :NA :NA :NA :NA :NA :NA</th> <th>(72)Name of Inventor :</th>	<ul> <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>	:NA :NA :NA :NA :NA :NA :NA :NA	(72)Name of Inventor :
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(57) Abstract :

The present invention in a preferred embodiment provides for herbal compositions for treatment or prevention of liver disorders. The present invention also provides for the methods of preparation and various forms of administration of the said compositions. The said compositions comprise of at least a part of Houttuynia Cordata.

(22) Date of filing of Application :20/08/2013

#### (54) Title of the invention : REGENERATION OF CATHODE MATERIAL OF LITHIUM-ION BATTERIES

<ul> <li>(51) International classification</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>	:H01M 10/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)University Of Calcutta Address of Applicant :Senate House, 87 /1 College Street, Kolkata, West Bengal 700 073, India</li> <li>(72)Name of Inventor :</li> <li>1)DEB, Nilanjan</li> </ul>
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(57) Abstract :

Lithium metal oxides may be regenerated under ambient conditions from materials recovered from partially or fully depleted lithiumion batteries. Recovered lithium and metal materials may be reduced to nanoparticles and recombined to produce regenerated lithium metal oxides. The regenerated lithium metal oxides may be used to produce rechargeable lithium ion batteries.

(22) Date of filing of Application :20/08/2013

# (54) Title of the invention : A DUAL FUEL BURNER OPERATING UNDER TWIN FUEL SUPPLY REGIME WITH LOW POLLUTANT EMISSIONS, HIGH BURNING EFFICIENCY AND HIGH FLAME STABILITY

(51) International classification	:F23R 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MOHANA RAO SIVAJI SEEPANA
Filing Date	:NA	2)KUNHIRAMAN SIV ARAMAKRISHNAN
(62) Divisional to Application Number	:NA	3)SIVATHANUPILLAI ARUMUGAM
Filing Date	:NA	4)SRINIVASAN SUNDARARAJAN

#### (57) Abstract :

The present invention relates to a dual fuel burner operating under twin fuel supply regime with low pollutant emissions, high burning efficiency and high flame stability comprising: an innermost pipe (1) for supply of a higher calorific value fuel, a first annular pipe (2) for supply of a lower calorific value fuel and a second annular pipe (3) for supplying air corresponding to said fuels in three stages through a plurality of holes (4,5) such that stage combustion of each fuel takes place; and a first swirler block (14) acting as a first swirler for lower calorific value fuel and a second swirler block (15) acting as a second swirler for the tertiary staged air to generate a swirling action to the fuels and air flows respectively; wherein the length, angle and number of swirl blades in case of the first swirler block (14) vary from 10 to 30 mm, 6 to 10 and 10 to 30° with axis X-X respectively, and wherein the length, angle and number of swirl blades of the second swirler block (15) of tertiary stage air vary from 30 to 60 mm, 5-15° with axis X-X and 8 to 16 respectively.

(22) Date of filing of Application :20/08/2013

(43) Publication Date : 27/02/2015

# (54) Title of the invention : AN IMPROVED WELDING PROCESS TO REDUCE WELDING INDUCED DISTORTION DURING FABRICATION OF A HYDRO TURBINE COMPONENT INVOLVING CIRCUMFERENTIAL GROOVED FILLET WELDING

(51) International classification	:F01D 5/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VENKATARAMAN SUDHARSANAM
Filing Date	:NA	2)DR. NARASIMHAN RAJU
(62) Divisional to Application Number	:NA	3)RENGANATHAN VETRISELVAN
Filing Date	:NA	4)DR. GANESAN RAVICHANDRAN

(57) Abstract :

The present invention relates to an improved welding process to reduce welding induced distortion during fabrication of a hydro turbine component involving circumferential grooved fillet welding, the turbine component constituting a labyrinth consisting of at least one each flange and ring welded together by a circumferential grooved fillet joint, the method comprising the steps of: sequentially depositing weld both in an inner and outer diameter sides of the groove; carrying out back grinding step on the outside diameter side; and determining presence or otherwise of defects on the weld through conducting liquid penetrant test.

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 27/02/2015

## (54) Title of the invention : HERBAL COMPOSITIONS FOR TEATMENT OR PREVENTION OF BONE FRACTURES AND METHODS 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>	:A61K36/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant :</li> <li>1)ALI Md. Safir <ul> <li>Address of Applicant :MADRASA BANGAON PO-BANGAON NALBARI ASSAM. 781340 INDIA</li> <li>(72)Name of Inventor :</li> <li>1)ALI Md. Safir</li> </ul> </li> </ul>
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(57) Abstract :

The present invention in a preferred embodiment provides for a herbal composition for treatment or prevention of bone fractures. The present invention also provides for the methods of preparation and various forms of administration of the said herbal composition. The said herbal composition comprise of at least a part of Stephania japonica and at least a part of Cissampelos pareira.

### (22) Date of filing of Application :26/08/2013

(43) Publication Date : 27/02/2015

## (54) Title of the invention : 'AN IMPROVED DUAL EXCITED SYNCHRONOUS MACHINE WITH SINUSODIAL DISTRIBUTION OF AIR GAP FLUX DENSITY AND OUTPUT VOLTAGE WITH LOW HARMONIC CONTENT

(51) International classification	:B23K35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)1) UDAY KUMAR MUDHIGOLLAM
(62) Divisional to Application Number	:NA	2)2) DR. UMAKANATA CHOUDHURY
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved hybrid excited synchronous generator accommodating both the excitation windings and permanent magnets in the rotor core for wide regulation of output voltage and reducing risk of demagnetization of the permanent magnets, the improvement is characterized is that: the excitation windings including the permanent magnets (102) are disposed in the rotor core (101) of the machine; a plurality of slots (103) are constructed at the bottom of the permanent magnets (102), wherein the slots (103) comprise slot openings (104), wherein the excitation windings are disposed in the slots (103), and wherein the slot openings (104) are provided over an inner diameter of the rotor core (101).

#### AMENDMENT UNDER SEC. 57

#### (1)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **192209** (596/CAL/1998) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. 200190 (777/CAL/1998) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(2)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. 200951 (IN/PCT/2002/1325/KOL) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(4)

(3)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. 201716 (IN/PCT/2001/1248/KOL) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **213435** (**IN/PCT/1999/30/KOL**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(6)

(5)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **205545** (**IN/PCT/2001/1087/KOL**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(7)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **206840** (**1884/CAL/1998**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(8)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **206909** (**484/CAL/1999**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

The Patent Office Journal 27/02/2015

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **208116** (**IN/PCT/2002/520/KOL**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

#### (10)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. to PANASONIC CORPORATION in respect of Patent No. **208405** (**IN/PCT/2002/993/KOL**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

#### (11)

An application for change in the name and address of the Patentee from Pharmax Limited, Bourne Road, Bexley, Kent Da5 1nx to Forest Laboratories Uk Limited, Riverbridge House, Anchor Boulevard, Crossways Business Park, Dartford Kent, Da2 6sl, United Kingdom in respect of Patent No. 235859 (IN/PCT/2001/197/KOL) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

## **Publication Under Section 43(2) in Respect of the Grant**

# Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropr iate Office
1	265364	2859/DELNP/2006	24/11/2004	18/12/2003	A METHOD FOR TREATING FLUIDS, PARTICULARLY WASTEWATER	DEGREMONT	03/08/2007	DELHI
2	265368	6877/DELNP/2008	31/01/2003	12/02/2002	POLYNUCLEOTIDE MOLECULE COMPRISING A NUCLEOTIDE SEQUENCE THAT IS THE STREPTOMYCES AVERMETILIS AVEC ALLELE	ZOETIS P LLC.	24/10/2008	DELHI
3	265370	3989/DELNP/2007	21/11/2005	19/11/2004	PIPE CLAMP WITH IMPROVED FASTENER	BREEZE-TORCA PRODUCTS , LLC.,	31/08/2007	DELHI
4	265371	886/DELNP/2004	05/11/2002	09/11/2001	A SETTLER FOR DECANTING MINERAL SLURRIES	ALCAN INTERNATIONAL LIMITED	11/12/2009	DELHI
5	265377	1777/DELNP/2007	01/09/2005	17/09/2004	A QUICK TO CONNECT AND QUICK TO DISCONNECT FLUID COUPLING	THE GATES CORPORATION	17/08/2007	DELHI
6	265380	1661/DEL/2009	10/08/2009 14:59:58	11/08/2008	NOVEL IMMUNOGLOBULIN- BINDING PROTEINS WITH IMPROVED SPECIFICITY	EMD MILLIPORE CORPORATION	16/04/2010	DELHI
7	265381	7651/DELNP/2007	05/04/2006	08/04/2005	AQUEOUS SOLUTIONS OF OPTICAL BRIGHTENERS	CLARIANT FINANCE (BVI) LIMITED	11/01/2008	DELHI
8	265383	1326/DELNP/2006	24/09/2004	24/09/2003	MEASURING METHODS FOR USE ON MACHINE TOOLS	RENISHAW PLC.	03/08/2007	DELHI
9	265386	5321/DELNP/2006	09/03/2005	18/03/2004	A MANUFACTURING APPARATUS FOR A POROUS GLASS BASE MATERIAL	SHIN-ETSU CHEMICAL CO., LTD.	10/08/2007	DELHI
10	265387	775/DELNP/2008	02/08/2006	10/08/2005	PROCESS FOR THE PREPARATION OF UBIHYDROQUINONES AND UBIQUINONES	DSM IP ASSETS B.V.	04/07/2008	DELHI
11	265394	549/DELNP/2007	11/07/2005	12/07/2004	SYSTEM AND METHOD FOR CURRENT-MODE AMPLITUDE MODULATION	ERICSSON INC.	17/08/2007	DELHI
12	265398	3603/DELNP/2008	13/11/2006	14/11/2005	METHOD OF MAKING POLYPEPTIDE FILMS	LOUISIANA TECH UNIVERSITY RESEARCH FOUNDATION	15/08/2008	DELHI
13	265401	8601/DELNP/2008	06/04/2007	07/04/2006	POWER TRANSMISSION BELT	THE GATES CORPORATION	15/05/2009	DELHI

14	265402	365/DELNP/2007	18/08/2005	20/08/2004	PYRIMIDINES AS PLK INHIBITORS	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	03/08/2007	DELHI
15	265405	956/DEL/2006	05/04/2006	11/04/2005	A DEVICE FOR GENERATING AND CONTROLLING A YARN RESERVE	SAVIO MACCHINE TESSILI S. P. A.	24/08/2007	DELHI
16	265407	7443/DELNP/2008	26/03/2007	28/03/2006	A COUPLING PROCESS FOR PREPARING QUINOLONE INTERMEDIATES	TAIGEN BIOTECHNOLOGY CO. LTD.	26/09/2008	DELHI
17	265412	1097/DEL/2007	22/05/2007 14:37:43		MULTI FUNCTIONAL RIM LOCK	ADITYA BAJAJ	19/12/2008	DELHI
18	265415	904/DELNP/2008	30/06/2006	08/07/2005	PHAGE DISPLAY USING COTRANSLATIONAL TRANSLOCATION OF FUSION POLYPEPTIDES	UNIVERSITY OF ZURICH	27/06/2008	DELHI
19	265417	570/DEL/2005	16/03/2005		A WIND TURBINE DEVICE	THE DIRECTOR , INSTITUTE OF TECHNOLOGY	12/01/2007	DELHI
20	265421	1160/DELNP/2007	19/08/2005	27/08/2004	INHALER FOR POWDERED, PARTICULARLY MEDICAL SUBSTANCES	SANOFI SA	27/04/2007	DELHI
21	265425	6206/DELNP/2006	07/04/2005	07/04/2004	A MINERAL SEPARATION PLANT DEVICE	MINERAL TECHNOLOGIES PTY LTD	31/08/2007	DELHI
22	265426	2015/DEL/2004	15/10/2004	16/10/2003	TRAVELLING SERVICE DEVICE FOR OPEN-END SPINNING UNITS OF OPEN- END SPINNING MACHINES	SAVIO MACCHINE TESSILI S.P.A.	08/09/2006	DELHI
23	265430	2359/DELNP/2004	10/03/2003	08/03/2002	METHOD OF PERFORMING SELECTIVE FILTERING IN A NETWORK	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	09/10/2009	DELHI
24	265432	8773/DELNP/2007	18/05/2006	19/05/2005	A PROCESS TO ENRICH A CARBOXYLIC ACID COMPOSITION	GRUPO PETROTEMEX S.A. DE C.V.	08/02/2008	DELHI
25	265435	1211/DEL/2004	30/06/2004		A PROCESS FOR THE PRODUCTION OF DENSE MAGNESIA-RICH MAGNESIUM ALUMINATE SPINEL USEFUL AS REFRACTORY AGGREGATES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	23/06/2006	DELHI
26	265436	1115/DELNP/2008	27/07/2006	11/08/2005	PROCESS FOR REMOVAL OF BENZOIC ACID FROM AN OXIDIZER PURGE STREAM	EASTMAN CHEMICAL COMPANY,	08/08/2008	DELHI
27	265437	8256/DELNP/2008	22/02/2007	24/03/2006	PROCESS FOR MAKING A POLYURETHANE FOAM	HUNTSMAN INTERNATIONAL LLC.	27/03/2009	DELHI
28	265439	7155/DELNP/2008	31/01/2007	01/02/2006	MULTILAYER MATERIAL, METHOD FOR MAKING SAME AND USE AS ELECTRODE	HYDRO-QUEBEC	03/10/2008	DELHI

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43	265458	2922/DEL/2005	31/10/2005		A CIGARETTE PACKET WITH INTEGRATED MATCH BOX	GODFREY PHILLIPS INDIA LTD.	05/09/2008	DELHI
42	265456	4432/DELNP/2007	09/12/2005	09/12/2004	INTERWORKING OF CELLULAR NETWORKS AND WIRELESS LANS		24/08/2007	DELHI
41	265455	2357/DELNP/2004	04/03/2003	04/03/2002	CROWN REINFORCEMENT WITH SHOULDER PLY	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN,MICHELIN RECHERCHE ET TECHNIQUE S.A.	02/10/2009	DELHI
40	265454	4086/DELNP/2004	28/05/2003	28/05/2002	NON-UNIFORM TRANSMISSION LINE AND METHOD OF FABRICATING THE SAME	DECORP AMERICAS, INC	26/02/2010	DELHI
39	265453	6393/DELNP/2008	25/01/2007	03/02/2006	TRANSITION METAL CATALYSTS	INEOS EUROPE LIMITED	24/10/2008	DELHI
38	265452	7705/DELNP/2008	16/03/2007	21/03/2006	PROCESS FOR THE PRODUCTION OF ACETIC ACID	BP CHEMICALS LIMITED	24/10/2008	DELHI
37	265451	995/DEL/2004	31/05/2004		TILE MAKING MACHINE		23/06/2006	DELHI
36	265450	4181/DELNP/2008	29/11/2006	30/11/2005	INKS WITH IMPROVED PERFORMANCE	HEWLETT - PACKARD DEVELOPMENT COMPANY, L.P.	01/08/2008	DELHI
35	265449	9939/DELNP/2008	06/08/2007	08/08/2006	SAPO-34 MOLECULAR SIEVE HAVING BOTH MICROPORES AND MESOPORES AND SYNTHESIS METHOD THEREOF	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES	27/03/2009	DELHI
34	265446	2775/DELNP/2008	05/10/2006	12/10/2005	A PROCESS FOR CONVERTING PETROLEUM COKE TO METHANE	GREAT POINT ENERGY	25/07/2008	DELHI
33	265445	7909/DELNP/2009	02/06/2008	04/06/2007	SPHERICAL AGGLOMERTES BASED ON ZEOLITE(S), PROCESS FOR THEIR PRODUCTION AND THEIR USE IN ADSORPTION PROCESSES AND IN CATALYSIS	CECA S.A.	16/07/2010	DELHI
32	265443	210/DEL/2004	16/02/2004		AN APPARATUS AND A PROCESS FOR REMOVAL OF ARSENIC	INDIAN INSTITUTE OF TECHNOLOGY-DELHI (IIT)	03/03/2006	DELHI
31	265442	283/DELNP/2008	07/07/2006	11/07/2005	POLYESTER RESIN COMPOSITION	ILLINOIS TOOL WORKS INC.	08/08/2008	DELHI
30	265441	6784/DELNP/2006	07/04/2006	28/04/2005	PROCESS FOR PREPARING CARBOSTYRIL COMPOUNDS	OTSUKA PHARMACEUTICAL CO, LTD	31/08/2007	DELHI
29	265440	2987/DELNP/2009	12/11/2007	21/11/2006	COMPOSTITION COMPRISING A PARTICULATE ZINC MATERIAL, A PYRITHIONE OR A POLYVALENT METAL SALT OF A PYRITHIONE AND A GEL NETWORK	THE PROCTER & GAMBLE COMPANY	17/07/2009	DELHI

44	265460	396/DEL/2006	13/02/2006		A PROCESS FOR NITROGEN REMOVAL IN ELECTRIC ARC FURNACE STEEL	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	17/08/2007	DELHI
45	265463	9557/DELNP/2007	11/05/2006	12/05/2005	A BLOCK OF COMPRESSED WOOD AGGLOMERATE AND PROCESS THEREOF	ANTONIONI, CLAUDE,VOGEL, STEPHANE	18/01/2008	DELHI
46	265465	3700/DELNP/2008	31/10/2006	01/11/2005	COMPOSITIONS COMPRISING FLUOROOLEFINS AND USES THEREOF	E. I. DU PONT DE NEMOURS AND COMPANY,	15/08/2008	DELHI
47	265466	5493/DELNP/2008	27/11/2006	28/11/2005	THREE-DIMENSIONALLY REINFORCED MULTIFUNCTIONAL NANOCOMPOSITES	UNIVERSITY OF HAWAII,RENSSELAER POLYTECHNIC INSTITUTE	15/08/2008	DELHI
48	265467	5829/DELNP/2009	14/04/2004	02/12/2003	SILICONE RELEASE POLYESTER FILM	TORAY ADVANCED MATERIALS KOREA INC.,	04/06/2010	DELHI
49	265468	3227/DELNP/2009	07/11/2007	07/11/2006	AMORPHOUS ADSORBENT, METHOD OF OBTAINING THE SAME AND ITS USE IN THE BLEACHING OF FATS AND/OR OILS	SUD CHEMIE AG	17/07/2009	DELHI
50	265469	3614/DELNP/2007	03/01/2005	03/01/2005	SHAFT/HUB CONNECTION WITH SECURING SYSTEM	GKN DRIVELINE INTERNATIONAL GMBH	31/08/2007	DELHI
51	265470	1086/DELNP/2009	18/12/2002	19/12/2001	AN OLEFIN POLYMERISATION CATALYST	BOREALIS TECHNOLOGY OY	31/07/2009	DELHI
52	265472	6874/DELNP/2007	17/03/2006	17/03/2005	DIMERIC AND TRIMERIC NUCLEIC ACID DYES, AND ASSOCIATED SYSTEMS AND METHODS	BIOTIUM, INC.,ALLELOGIC BIOSCIENCES CORP	28/09/2007	DELHI
53	265475	4464/DELNP/2009	08/01/2008	12/02/2007	PRODUCTION OF HIGH PURITY CUMENE FROM NON-EXTRACTED FEED AND HYDROCARBON COMPOSITION USEFUL THERIEN	EXXONMOBIL CHEMICAL PATENTS INC.	22/01/2010	DELHI
54	265476	4988/DELNP/2008	22/12/2006	22/12/2005	OXYGENATE CONVERSION TO OLEFINS WITH METATHESIS	UOP LLC	26/09/2008	DELHI
55	265477	7477/DELNP/2006	08/06/2005	08/06/2004	CONTROLLING IDLE MODE OF MOBILE SUBSCRIBER STATION IN WIRELESS ACCESS SYSTEM	LG ELECTRONICS INC.	17/08/2007	DELHI
56	265478	1500/DELNP/2009	07/09/2007	07/09/2006	PROCESS FOR THE PREPARATION OF ALKYLENE GLYCOL	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	15/05/2009	DELHI
57	265482	4904/DELNP/2009	26/02/2008	27/02/2007	COATED POLYAMIDE FILM FOR BAGGING PRODUCTS WITH EXTENDED SHELF LIFE	BIOMERIEUX,	05/02/2010	DELHI
58	265484	263/DEL/2006	01/02/2006	02/02/2005	A CONNECTOR AND A METHOD OF ASSEMBLING IT	SUMITOMO WIRING SYSTEMS, LTD.	17/08/2007	DELHI

59	265487	1/DELNP/2006	18/06/2004	19/06/2003	APPARATUS FOR THE PRODUCTION OF CAPS	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	24/08/2007	DELHI
60	265492	4257/DELNP/2008	16/11/2006	21/11/2005	PROCESS FOR PRODUCING BISPHENOL A	MITSUBISHI CHEMICAL CORPORATION	01/08/2008	DELHI
61	265494	8725/DELNP/2007	07/06/2006	09/06/2005	PROCESS FOR THE SYNTHESIS OF 5-(METHYL- 1H-IMIDAZOL-1-YL)-3- (TRIFLUOROMETHYL)- BENZENEAMINE	NOVARTIS AG	27/06/2008	DELHI
62	265496	7001/DELNP/2007	10/02/2006	11/02/2005	FERMENTIVE VITAMIN C PRODUCTION	DSM IP ASSETS B.V.	28/09/2007	DELHI
63	265497	733/DELNP/2008	23/08/2006	25/08/2005	CONDENSED IMIDAZOLO DERIVATIVES FOR THE INHIBITION OF ALDOSTERONE SYNTHASE AND AROMATASE	NOVARTIS AG.,	11/07/2008	DELHI
64	265505	4251/DELNP/2007	01/12/2005	20/12/2004	RFID TAG	AVERY DENNISON CORPORATION	10/08/2007	DELHI
65	265506	2106/DELNP/2008	24/08/2006	29/09/2005	METHOD AND COMMUNICATION SYSTEM FOR THE REMOTE- CONTROLLED ACTIVATION OF A FUNCTION OF A COMMUNICATIONS TERMINAL	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO.KG	11/07/2008	DELHI

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Ser ial Nu mb er	Patent	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	265365	1297/MUMNP/2011	17/03/2010	23/03/2009	FUSED PYRIMIDINE- DIONE DERIVATIVES AS TRPA1 MODULATORS	GLENMARK PHARMACEUTICALS S.A.	02/11/2012	MUMBAI
2	265367	1784/MUM/2009	03/08/2009 15:29:01		STABLE STATIN COMPOSITIONS	INVENTIA HEALTHCARE PRIVATE LIMITED	15/07/2011	MUMBAI
3	265374	1842/MUMNP/2010	17/02/2009	03/03/2008	MIXTURE FOR PRODUCING RAPIDLY DISINTEGRATING TABLETS	SUEDZUCKER AKTIENGESELLSCHAF T MANNHEIM/ OCHSENFURT	21/01/2011	MUMBAI
4	265376	2286/MUMNP/2009	14/05/2008	16/05/2007	PYRAZOLONE DERIVATIAVES AS PDE4 INHIBITORS	TAKEDA GMBH.	04/06/2010	MUMBAI
5	265384	2730/MUMNP/2008	29/06/2007	29/06/2006	A WIND TURBINE NACELLE HANDLING SYSTEM AND METHOD FOR VERTICAL DISPLACEMENT OF WIND TURBINE NACELLE THEREOF	VESTAS WIND SYSTEMS A/S	20/02/2009	MUMBAI
6	265389	583/MUM/2008	24/03/2008	28/09/2007	TURBO DECODER AND ITERATION STOPPING METHOD THEREOF	VIA TECHNOLOGIES, INC.	26/06/2009	MUMBAI
7	265395	1885/MUMNP/2008	22/02/2007	22/02/2006	A SYSTEM AND METHOD FOR ESTABLISHING HYBRID CALL SETUP BETWEEN ACCESS TERMINALS IN WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	23/01/2009	MUMBAI
8	265400	1682/MUM/2006	12/10/2006		AN AUTOMATIC RUBBER COT ARBOUR GRINDING MACHINE	MEVADA, JITENDRA ISHWARBHAI,MISTRY, NARESH AMRUTLAL	26/10/2007	MUMBAI
9	265406	323/MUM/2006	07/03/2006	01/04/2005	TEXTILE MACHINE PRODUCING CROSS BOBBINS	SAURER GERMANY GMBH & CO. KG	12/10/2007	MUMBAI
10	265416	2602/MUM/2007	28/12/2007		A INTEGRATED BED PLATE STRUCTURE FOR TWO CYLINDER DIRECT INJECTION HIGH PRESSURE COMMON RAIL FOUR STROKE RECIPROCATING PISTON IC DIESEL ENGINE	TATA MOTORS LIMITED	31/10/2008	MUMBAI

11	265423	1186/MUM/2007	18/06/2007		FUEL FILLER LID MECHANISM	TATA MOTORS LIMITED	27/06/2008	MUMBAI
12	265429	1463/MUM/2006	14/09/2006		A MORTISE LOCK ASSEMBLY	JOSHI PRABHAKAR ANANT,JOSHI SALIL PRABHAKAR	18/07/2008	MUMBAI
13	265444	903/MUMNP/2008	23/08/2006	21/10/2005	DRAWING SYSTEM FOR A TEXTILE MACHINE	SAURER COMPONENTS GMBH	04/07/2008	MUMBAI
14	265464	1485/MUM/2008	15/07/2008		A FUEL FILLER NECK ASSEMBLY WITH AN ANTITHEFT DEVICE FOR A VEHICLE AND METHOD THEREOF	TATA MOTORS LIMITED	26/09/2008	MUMBAI
15	265473	2221/MUMNP/2009	01/05/2008	01/05/2007	WATER TREATMENT COMPOSITION	BLUE LAGOON PEARLS PTY LTD;	31/08/2012	MUMBAI
16	265486	885/MUMNP/2007	14/12/2005	16/12/2004	METHOD FOR TRANSMITTING DIGITAL DATA IN A LOCAL NETWORK	NAGRAVISION SA	17/08/2007	MUMBAI

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1	265373	5369/CHENP/2008	26/04/2007	26/04/2006	SUB-PACKET PULSE- BASED COMMUNICATION	QUALCOMM INCORPORATED,	20/03/2009	CHENNAI
2	265375	359/CHENP/2008	20/07/2006	22/07/2005	METHOD OF PRODUCING LIQUID KOJI HAVING ENHANCED ACTIVITY OF ENZYMES	ASAHI BREWERIES LTD.,	19/09/2008	CHENNAI
3	265378	2392/CHE/2009	30/09/2009	29/10/2008	A METHOD OF CONTINUOUSLY FRACTIONATING A LIGNOCELLULOSE-BASED BIOMASS	SAMSUNG ELECTRONICS CO., LTD.	25/06/2010	CHENNAI
4	265390	3188/CHENP/2008	20/02/2006	29/12/2005	A METHOD FOR SELECTIVELY CONTROLLING ELECTRICAL OUTLETS USING POWER PROFILING	PANASONIC CORPORATION	06/03/2009	CHENNAI
5	265391	4198/CHENP/2008	29/03/2007	13/04/2006	METHOD FOR ROUTING NETWORK CALL AND NETWORK CALL CENTER	HUAWEI TECHNOLOGIES CO., LTD	13/03/2009	CHENNAI
6	265392	878/CHE/2005	05/07/2005	08/07/2004	EFFICIENT RATE CONTROL TECHNIQUES FOR VIDEO ENCODING	QUALCOMM INCORPORATED	27/07/2007	CHENNAI
7	265403	1011/CHE/2006	09/06/2006 17:34:12	10/06/2005	IMPRINT STAMP COMPRISING CYCLIC OLEFIN COPOLYMER	Obducat AB	15/06/2007	CHENNAI
8	265410	3183/CHE/2008	18/12/2008 17:35:38	27/12/2007	VEHICULAR LIGHTING DEVICE	HONDA MOTOR CO., LTD.	09/04/2010	CHENNAI
9	265411	5676/CHENP/2008	30/03/2007	21/04/2006	STRAND GUIDE ROLLER	SMS SIEMAG AKTIENGESELLSCHAFT	27/03/2009	CHENNAI
10	265413	3172/CHE/2008	17/12/2008		A TEST STRUCTURE FOR TESTING ELECTRONIC SUB- ASSEMBLIES OF SPACE APPLICATIONS UNDER THERMO VACUUM CONDITIONS	DEPARTMENT OF SPACE, ISRO	25/06/2010	CHENNAI
11	265418	1612/CHE/2007	26/07/2007		AN AUGMENTATIVE COMMUNICATION DEVICE FOR INDIVIDUALS WITH MULTIPLE DISABILITIES	INDIAN INSTITUTE OF TECHNOLOGY - MADRAS,VIDYA SAGAR,CHETANA CHARITABLE TRUST	03/02/2012	CHENNAI
12	265419	2554/CHENP/2007	14/12/2005	15/12/2004	SYSTEM FOR STORING AN ADDITIVE AND FOR INJECTING IT INTO ENGINE EXHAUST GASES	INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIETE ANONYME)	07/09/2007	CHENNAI
13	265422	4423/CHENP/2007	06/04/2006	06/04/2005	IRRIGATION SYSTEM	TAL-YA WATER TECHNOLOGIES LTD.	25/01/2008	CHENNAI
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14	265424	2846/CHE/2008	19/11/2008		A WASHING MACHINE	INDIAN INSTITUTE OF SCIENCE	25/06/2010	CHENNAI
15	265431	5694/CHENP/2008	21/03/2007	12/04/2006	METHOD AND DRIVING ASSEMBLY FOR OPERATING A WEAVING MACHINE	LINDAUER DORNIER GESELLSCHAFT MBH	27/03/2009	CHENNAI
16	265479	2564/CHE/2007	07/11/2007		A SYSTEM AND METHOD FOR PROVIDING THREE DIMENTIONAL LASER USER INTERFACE IN PRINTERS	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
17	265480	1447/CHENP/2008	22/08/2006	26/08/2005	PROCESS OF PREPARING BROMOPICRIN	BROMINE COMPOUNDS LTD	28/11/2008	CHENNAI
18	265481	3325/CHENP/2007	28/12/2004	28/12/2004	INFORMATION INPUT OUTPUT METHOD USING DOT PATTERN	YOSHIDA, KENJI	16/11/2007	CHENNAI
19	265485	1934/CHENP/2008	28/09/2006	19/10/2005	AN EASY-OPEN END MADE OF A RESIN- COATED METAL PLATE	TOYO SEIKAN KAISHA, LTD.	06/02/2009	CHENNAI
20	265488	726/CHE/2009	30/03/2009 17:09:33	31/03/2008	INK CONTAINER AND INK JET RECORDING SYSTEM	CANON KABUSHIKI KAISHA	18/06/2010	CHENNAI
21	265489	4597/CHENP/2009	02/02/2007	02/02/2007	METHOD FOR MANUFACTURING HOT- ROLLED SHEET HAVING FINE-GRAINED FERRITE, AND HOT-ROLLED SHEET	SUMITOMO METAL INDUSTRIES, LTD.	06/11/2009	CHENNAI
22	265490	1483/CHE/2009	24/06/2009 15:47:46	25/06/2008	TEARABLE PACKAGING	KETTENBACH GMBH & CO. KG	02/07/2010	CHENNAI
23	265501	408/CHE/2009	25/02/2009 16:27:52	28/02/2008	VEHICULAR FUEL SUPPLY EQUIPMENT	HONDA MOTOR CO.,LTD.	11/09/2009	CHENNAI
24	265503	2646/CHENP/2008	26/09/2006	28/10/2005	A PISTON ARRANGEMENT	LINCOLN GMBH	06/03/2009	CHENNAI
25	265504	1987/CHENP/2007	07/11/2005	10/11/2004	METHODS TO MAKE ELASTIC SHIRTING FABRIC COMPRISING SPANDEX AND HARD YARN	INVISTA TECHNOLOGIES S.A.R.L.	31/08/2007	CHENNAI
26	265507	55/CHE/2007	09/01/2007		A METHOD AND SYSTEM FOR ALLOWING MULTI FUNCTIONAL PERIPHERAL TO GENERATE SCANNED DOCUMENTS IN A FORMAT ACCEPTABLE FOR A PERSONAL COMPUTER	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
27	265509	985/CHE/2006	07/06/2006	07/06/2005	WHEEL FOR DRIVING A FLEXIBLE HANDRAIL	INVENTIO AG	08/06/2007	CHENNAI
28	265510	2021/CHENP/2009	16/10/2007	16/10/2006	A TREE CAP FOR SUBSEA TREE AND A METHOD FOR INSTALLING THE SUBSEA TREE CAP	AKER SUBSEA INC.	15/06/2012	CHENNAI

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Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	265366	1751/KOLNP/2009	20/09/2007	14/11/2006	A METHOD OF DISPERSING CARBON NANOTUBES IN A CONTINUOUS PHASE	BYK-CHEMIE GMBH	19/06/2009	KOLKATA
2	265369	473/KOLNP/2010	15/09/2008	20/09/2007	A PROCESS FOR THE PREPARATION OF N,N'- BIS(2- HYDROXYBENZYL) ETHYLENEDIAMINE- N,N'-DI-ACETIC ACID AND ITS DERIVATIVES	PRZEDSIEBIORSTWO PRODUKCYJNO- CONSULTINGOWE ADOB SP. Z O.O. SP. K.	21/05/2010	KOLKATA
3	265372	1144/KOLNP/2007	26/09/2005	27/09/2004	SYNTHESIS OF N- (FLUOROBENZYL)-N- (METHYLPIPERIDIN-4- YL)-N'-(4-(2 METHYLPROPYLOXY) PHENYLMETHYL) CARBAMIDE AND ITS TARTRATE SALT AND CRYSTALLINE FORMS	ACADIA PHARMACEUTICALS INC,	13/07/2007	KOLKATA
4	265379	3562/KOLNP/2008	26/02/2007	21/03/2006	METHODS AND APPARATUS FOR DATA PACKET TRANSMISSION ON A NETWORK	MOTOROLA MOBILITY, INC.	20/02/2009	KOLKATA
5	265382	1853/KOLNP/2008	07/11/2006	07/11/2005	METHOD FOR NEAR FIELD COMMUNICATING WITH A TARGET DEVICE AND SOURCE DEVICE THEREFOR	LG ELECTRONICS INC.	09/01/2009	KOLKATA
6	265385	3413/KOLNP/2008	16/02/2007	16/02/2006	BROADCAST RECEIVING APPARATUS, METHOD OF TRANSMITTING/RECEIVIN G BROADCAST PROGRAM INFORMATION, AND DIGITAL TELEVISION SIGNAL	LG ELECTRONICS INC.	13/02/2009	KOLKATA
7	265388	3805/KOLNP/2007	03/04/2006	08/04/2005	OPHTHALMIC DEVICES COMPRISING PHOTOCHROMIC MATERIALS WITH REACTIVE SUBSTITUENTS	JOHNSON & JOHNSON VISION CARE, INC.	23/05/2008	KOLKATA

8	265393	489/KOL/2006	23/05/2006	08/06/2005	APPARATUS AND METHOD FOR SHARING A UNIQUE IDENTIFIER AMONG A PLURALITY OF RECEIVERS	MOTOROLA. INC	22/06/2007	KOLKATA
9	265396	785/KOLNP/2008	25/07/2005	25/07/2005	MEANS AND METHODS FOR IMPROVING THE HANDOVER CHARACTERISTICS OF RADIO ACCESS NETWORKS	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	21/11/2008	KOLKATA
10	265397	1837/KOLNP/2008	14/09/2006	11/10/2005	EFFICIENT SHARING OF MOBILE EQUIPMENT IDENTIFIERS	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	09/01/2009	KOLKATA
11	265399	248/KOLNP/2009	03/08/2007	04/08/2006	A NON-AQUEOUS AND AN AQUEOUS COMPOSITION FOR CONTROLLING UNWANTED VEGETATION	BASF SE	08/05/2009	KOLKATA
12	265404	36/KOL/2007	10/01/2007 16:17:20	26/01/2006	SYSTEM AND METHOD FOR CONTROLLING VIDEOCONFERENCE WITH TOUCH SCREEN INTERFACE	POLYCOM, INC.	14/09/2007	KOLKATA
13	265408	908/KOLNP/2009	10/09/2007	12/10/2006	ELASTIC BOUNDARY- WAVE DEVICE	MURATA MANUFACTURING CO., LTD.	22/05/2009	KOLKATA
14	265409	2787/KOLNP/2008	27/12/2006	30/12/2005	METHOD AND SYSTEM OF CONTROL OF THE CONVERTER OF AN ELECTRICITY GENERATION FACILITY CONNECTED TO AN ELECTRICITY NETWORK IN THE PRESENCE OF VOLTAGE SAGS IN SAID NETWORK	UNIVERSIDAD PUBLICA DE NAVARRA	23/01/2009	KOLKATA
15	265414	283/KOL/2003	03/02/2003		PROCESS FOR PREPARATION OF CLOPIDOGREL, ITS SALTS AND PHARMACEUTICAL COMPOSITION	TORRENT PHARMACEUTICALS LTD.	21/03/2008	KOLKATA
16	265420	5072/KOLNP/2008	21/06/2007	22/06/2006	CELL SIZE ENLARGERS FOR POLYSTYRENE FOAM	OWENS-CORNING INTELLECTUAL CAPITAL, LLC	27/03/2009	KOLKATA
17	265427	5290/KOLNP/2008	27/06/2007	27/06/2006	BILE ACID DERIVATIVES AS FXR LIGANDS FOR THE PREVENTION OR TREATMENT OF FXR- MEDIATED DISEASES OR CONDITIONS	INTERCEPT PHARMACEUTICALS, INC.	27/03/2009	KOLKATA

			1					,
18	265428	838/KOLNP/2008	08/06/2006	03/08/2005	HYDROPHILIC CROSSLINKED POLYMER	MERCK PATENT GMBH	21/11/2008	KOLKATA
19	265433	1049/KOLNP/2008	11/09/2006	22/09/2005	METHOD AND APPARTUS FOR WIDE AREA AUGMENTATION SYSTEM HAVING L1/L5 BIAS ESTIMATION	RAYTHEON COMPANY	19/12/2008	KOLKATA
20	265434	1357/KOLNP/2004	02/04/2003	02/04/2002	SYSTEM AND METHOD FOR CONTROLLING A PERMANENT MAGNET ELECTRIC MOTOR	TURBOCOR INC,	26/05/2006	KOLKATA
21	265438	1271/KOLNP/2007	26/09/2005	29/09/2004	A CRYSTALLINE PHARMACEUTICALLY ACCEPTABLE SALTS OF N1-(1H-BENZIMIDAZOL- 2-YL METHYL)-N1- (5,6,7,8-TETRAHYDRO- QUINOLIN-8-YL)- BUTANE-1,4-DIAMINE	ANORMED, INC.	20/07/2007	KOLKATA
22	265447	2837/KOLNP/2006	25/04/2005	30/04/2004	OFFSHORE SYSTEM FOR QUICK LNG OFFLOADING	SBM-IMODCO,INC	01/06/2007	KOLKATA
23	265448	842/KOL/2006	21/08/2006	29/09/2005	RADIALLY STACKED DUAL DRY CLUTCH APPARATUS FOR A DUAL CLUTCH TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS INC	29/06/2007	KOLKATA
24	265457	4815/KOLNP/2007	02/05/2007	02/05/2006	DOCUMENT SECURITY SYSTEM	RICOH COMPANY, LTD	04/04/2008	KOLKATA
25	265459	3975/KOLNP/2008	06/04/2007	10/04/2006	METHOD AND APPARATUS FOR REPETITIVE TRANSMISSION USING A PLURALITY OF SUB- CARRIERS	LG ELECTRONICS INC.	27/02/2009	KOLKATA
26	265461	1279/KOLNP/2008	07/09/2006	03/10/2005	METHOD AND APPARATUS FOR CONTROL CHANNEL TRANSMISSION AND RECEPTION	MOTOROLA MOBILITY, INC.	26/12/2008	KOLKATA
27	265462	4285/KOLNP/2007	10/05/2006	10/05/2006	EXPANDABLE RESINS	NOVA CHEMICALS INC.	09/05/2008	KOLKATA
28	265471	2135/CAL/1998	04/12/1998		PROCESS OF REDUCING ILMENITE	METALLGESELLSCHA FT AKTIENGESELLSCHA FT	12/10/2012	KOLKATA
29	265474	580/CAL/1998	03/04/1998	14/04/1997	ELECTRICAL DEVICE COMPRISING A FRONT COVER	SIEMENS AKTIENGESELLSCHA FT	29/06/2012	KOLKATA
30	265483	2343/KOLNP/2009	17/01/2008	19/01/2007	A METHOD FOR PRODUCING HYDROGEN AND SULPHURIC ACID	OUTOTEC OYJ	10/07/2009	KOLKATA

31	265491	1484/KOLNP/2006	07/12/2004	08/12/2003	OXAZOLE DERIVATIVES OF TETRACYCLINES	WYETH	04/05/2007	KOLKATA
32	265493	2733/KOLNP/2006	18/01/2005	19/02/2004	IDENTIFICATION OF CANCER PROTEIN BIOMARKERS USING PROTEOMIC TECHNIQUES	YALE UNIVERSITY	01/06/2007	KOLKATA
33	265495	2128/KOLNP/2008	13/12/2006	15/12/2005	BENZOYLPYRAZOLE COMPOUNDS AND HERBICIDES CONTAINING THEM	ISHIHARA SANGYO KAISHA, LTD.	16/01/2009	KOLKATA
34	265498	555/KOL/2008	20/03/2008	03/10/2007	ZIPPER HEAD	CHUNG CHWAN ENTERPRISE CO., LTD.	17/04/2009	KOLKATA
35	265499	126/KOL/2008	17/01/2008	01/02/2007	APPARATUS AND METHOD FOR SECURING TRANSMISSION GEAR SYNCHRONIZERS TO SHAFTS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	15/08/2008	KOLKATA
36	265500	282/KOL/2008	18/02/2008	12/03/2007	TRANSMISSION ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/10/2008	KOLKATA
37	265502	3123/KOLNP/2007	07/03/2006	30/03/2005	METHOD AND APPARATUS FOR CRYSTALLIZATION OF ORGANIC COMPOUND THROUGH ADIABATIC COOLING	TSUKISHIMA KIKAI CO LTD	28/12/2007	KOLKATA
38	265508	3787/KOLNP/2006	19/05/2005	10/06/2004	A METHOD FOR PRODUCING A CLAD PRODUCT	ATI PROPERTIES, INC.	15/06/2007	KOLKATA

## CONTINUED TO PART-2

#### **CONTINUED FROM PART-1**

## **INTRODUCTION**

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of HAMMER PLUS JEWELLERY PVT. LTD. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
204362	11-01	J.E.HAMMER & SOHNE GROUP GMBH, A COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, WHOSE ADDRESS IS SIMMLERSTR, 17, PFORZHEIM, BADEN- WURTTEMBERG, 75172, GERMANY

## CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

#### (01)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 23/2/2015 to dismiss the petition (Petition No. Can/016/2012) filed by Shri Jagdish Arora, Proprietor M/s. Krishna Industries, 7/50A, Tilak Nagar, Kanpur, Uttar Pradesh, Kanpur-208002 on 19/4/2012 for cancellation of registration of registered Design No. 191317 dated 18/2/2003 under Class 30-04 titled as "Stirrup Pad" in the name of Navin Kohli, of D-15, Panki Industrial Area, Site II, Kanpur-208002, an Indian citizen proprietor of Navneel Elastomers, an Indian proprietorship firm of D-15, Panki Industrial Area, Site II, Kanpur-208002, India (U.P.)."

#### (02)

"The Asstt. Controller of Patents & Designs by his order dated 23/2/2015 in respect of petition for cancellation filed by Shri Jagdish Arora, Proprietor M/s. Krishna Industries, 7/50A, Tilak Nagar, Kanpur, Uttar Pradesh, Kanpur-208002 on 19/4/2012 (Petition No. Can/017/2012) cancelled the registration of registered Design No. 198634 dated 24/2/2005 under class 30-01 titled as 'Rubber Groove for Horses' in the name of Navin Kohli, of D-15, Panki Industrial Area, Site II, Kanpur-208002, an Indian citizen, proprietor of Navneel Elastomers, an Indian proprietorship firm of D-15, Panki Industrial Area, Site II, Kanpur-208002, U.P., India."

#### (03)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 23/2/2015 to dismiss the petition filed by Balbir Chand sole proprietor of Gogna Tweezer Works, 132, Rajput Nagar, Model House, Jalandhar 144003, India on 28/2/2006 for cancellation of registration of registered Design No. 195728 dated 27/5/2004 under Class 28=03 titled as "Tweezer" in the name of Neeraj Verma, sole proprietor of M/s. Royal International, Model House Road, Jalandhar – 144003, Punjab, India."

# **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	<b>RENEWED ON</b>
1.	194527	20.02.2015
2.	195387	20.02.2015
3.	195682	20.02.2015
4.	195683	20.02.2015
5.	195802	20.02.2015
6.	196397	19.02.2015
7.	196551	19.02.2015
8.	197544	20.02.2015
9.	197545	20.02.2015
10.	197408	20.02.2015
11.	200237	19.02.2015
12.	197505	19.02.2015
13.	210222	11.02.2015
14.	210223	11.02.2015
15.	210224	20.02.2015
16.	254449	19.02.2015
17.	255065	19.02.2015
18.	255067	19.02.2015
19.	260645	19.02.2015
20.	260647	19.02.2015
21.	201714	19.02.2015

#### **REGISTRATION OF DESIGNS**

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	260577	
CLASS	06-01	
1)ROM AG, [A CORPORATION O BELGIUM], INDUSTRIESTRAßE 38, B-4700 E	RGANIZED UNDER THE LAWS OF UPEN, BELGIUM	1
DATE OF REGISTRATION	24/02/2014	
TITLE	SOFA SET	and the second s
PRIORITY NA		
DESIGN NUMBER	259714	
CLASS	07-02	
THE PROVISION OF INDIAN COM ADDRESS AT	IITED, A COMPANY REGISTERED UNDER PANIES ACT, 1956, HAVING OFFICE 9, PISOLI, PUNE-411 028, MAHARASHTRA,	
DATE OF REGISTRATION	27/01/2014	
TITLE	BURNER FOR GAS STOVES	
PRIORITY NA		_
DESIGN NUMBER	266270	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REG SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS		
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	Provension in the second
PRIORITY NA		

DESIGN NUMBER			262	309	
CLASS			12	-05	
1)HARRY H. ARZOU CALIFORNIA 92625, U STATES OF AMERICA 26 MAINSAIL DRIV STATES OF AMERICA,	NITED S AND D E, CORO	STATES AVID J DNA DE	S OF AMERICA, A . ARZOUMAN, L MAR, CALIFORN	CITIZEN OF UNI	//
DATE OF REGISTRAT	TION		02/05	5/2014	
TITLE		RA	CK FOR TRANSPO OF LIFTIN	RTING JACK STA G DEVICE	NDS
PRIORITY			1		
PRIORITY NUMBER			DATE	COUNTRY	
29/463,385			04/11/2013	U.S.A.	
DESIGN NUMBER		2	260578		
CLASS			06-01		
1)ROM AG, [A CORP THE LAWS OF BELGI INDUSTRIESTRABE	UM],			-	
DATE OF REGISTRATION		24/	/02/2014		A CONTRACTOR
TITLE		SO	FA SET	( Constanting of the local division of the l	No. of Concession, Name
PRIORITY NA					
DESIGN NUMBER			259715		
CLASS			07-02		
1)ELICA PB INDIA P UNDER THE PROVISI HAVING OFFICE ADD 37/1/1, KONDHWA I MAHARASHTRA, INDI	<b>ON OF I</b> DRESS A PISOLI R A	NDIAN T	I <b>COMPANIES AC</b> ISOLI, PUNE-411 0	Г, 1956,	
DATE OF REGISTRAT	TION		27/01/2014		
TITLE		I	BURNER FOR GAS	STOVES	
PRIORITY NA					

DESIGN NUMBER		258052	
CLASS	LASS 13-02		
1) <b>BROGAN, HUGH, HAVING OFI</b> THE FLAT, BROOKVILLE, MAIN UNITED KINGDOM		IM9 4LE, ISLE OF MAN,	666
DATE OF REGISTRATION	08	8/11/2013	238
TITLE		CK WITH MULTIPLE INECTORS	10000
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
EU 002234369	08/05/2013	OHIM	
DESIGN NUMBER		266185	
CLASS		05-05	
HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	SHTRA, INDIA		
DATE OF REGISTRATION	29	0/09/2014	
TITLE	TEXT	ILE FABRIC	<u>A0A0A0A0A0A</u>
PRIORITY NA			and such and the first such state
DESIGN NUMBER		266272	
CLASS		05-05	<b>\$</b>
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS			
DATE OF REGISTRATION	29	0/09/2014	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			

DESIGN NUMBER		259938	
CLASS		13-03	600 C
1)LARSEN & TOUBRO LIMITED, 278, MUMBAI 400001, MAHARASH AN INDIAN COMPANY REGISTE COMPANIES ACT 1956			
DATE OF REGISTRATION	(	03/02/2014	
TITLE	MINIATURE	E CIRCUIT BREAKER	
PRIORITY NA			
DESIGN NUMBER		262313	
CLASS		24-04	
1) <b>BAUERFEIND AG, OF</b> TRIEBESER STR. 16, 07937 ZEUL COMPANY	ENRODA-TRIEBES,	GERMANY, A GERMAN	( source)
DATE OF REGISTRATION	(	02/05/2014	1 35 331
TITLE	ORTHOPED	DIC ARCH SUPPORT	5 21
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001389738-0017	05/11/2013	OHIM	
DESIGN NUMBER		264177	
CLASS		12-15	
1)PODDAR TYRE LIMITED, JUG (PUNJAB) INDIA (AN INDIAN COMPANY DULY R 1956) OF THE ABOVE ADDRESS			$\bigcap$
DATE OF REGISTRATION	2	21/07/2014	
TITLE	TYRE	FOR BICYCLE	
PRIORITY NA			

DESIGN NUMBER		2582	19	
CLASS	12-05			
1)PERFECT TECHNOLOGY, REC PARTNERS 1. MR. IMTIYAZBHAI ISMAILSHA FAKIR 3. MR. IMRAN REGISTERED OFFICE IS PLOT NO. 192, KUVADAVA G.I.I KUVADAVA, DIST. RAJKOT, GUJAI	<b>ISMAILSHA FA BHAI IKBALB</b> F D.C., RAJKOT-AJ	KIR 2. M IAI SHAF	R. SABIRBHAI IAMDAR, HAVING	
DATE OF REGISTRATION		19/11/2	2013	
TITLE	BU	JCKET EL	EVATOR	
PRIORITY NA				
DESIGN NUMBER		2618	02	
CLASS		09-0	03	0
CO.OP.SOCIETY, DABHEL NANI I TERRITORIES) DAMAN, INDIA, IN WHOSE PARTNERS ARE RUPA S MALIK, ALL INDIAN NATIONALS DATE OF REGISTRATION	IDIAN PARTNE	<b>RSHIP FI</b> ASI SACH	RM, IDEV & KISHOR	NAXASSA
TITLE	16/04/2014			
PRIORITY NA	CARDBOARD BOXES FOR PACKAGING(SET)			LETTICA PLANT CONDOLLA
		2521	50	
DESIGN NUMBER CLASS		14-0		
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, AMERICA, A CORPORATION INCO				
DATE OF REGISTRATION	06/03/2013			
TITLE	EARPHONE		ONE	
PRIORITY			,	
PRIORITY NUMBER	DATE		COUNTRY	
29/431,563	08/09/2012		U.S.A.	

DESIGN NUMBER	260186			
CLASS	13-03			
278, MUMBAI 400001, MAHARASH	, <b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>TRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE			
DATE OF REGISTRATION	07/02/2014			
TITLE	MINIATURE CIRCUIT BREAKER			
PRIORITY NA				
DESIGN NUMBER	266219			
CLASS	05-05	101 101 101		
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS				
DATE OF REGISTRATION	TE OF REGISTRATION 29/09/2014			
TITLE	TEXTILE FABRIC			
PRIORITY NA		LELE CHARLES		
DESIGN NUMBER	266296			
CLASS	05-05			
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.			
DATE OF REGISTRATION	30/09/2014			
TITLE	TEXTILE FABRIC	The second second		
PRIORITY NA				

DESIGN NUMBER		261720	
CLASS		15-99	7
1)EREMA ENGINEERING RECY GESELLSCHAFT M.B.H., OF UNTERFELDSTR. 3, A-4052 A			
DATE OF REGISTRATION	1.	5/04/2014	
TITLE		CYCLING OR TREATMEN POLYMERS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001386858-0002	15/10/2013	OHIM	
DESIGN NUMBER		261993	
CLASS		09-01	$\bigcirc$
1)PEPSICO, INC., INCORPORAT 700 ANDERSON HILL ROAD, PU OF AMERICA DATE OF REGISTRATION	RCHASE, NEW YOR		
			- \ . /
TITLE PRIORITY	1	BOTTLE	
PRIORITY NUMBER	DATE COUNTRY		
29/470,789	24/10/2013	U.S.A.	- All
DESIGN NUMBER		259947	
CLASS		13-03	
1)LARSEN & TOUBRO LIMITED 278, MUMBAI 400 001, MAHARASH AN INDIAN COMPANY REGISTI COMPANIES ACT 1956	ITRA, INDIA		000
DATE OF REGISTRATION	0.	3/02/2014	
TITLE	CIRCU	JIT BREAKER	6
PRIORITY NA			600

DESIGN NUMBER	:	248203	
CLASS		07-99	
1)NAYASA WORLD OF SURVEY CO.OP.SOCIETY, DABHEL NANI E TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, W MANASI SACHDEV & KISHOR MAI	100		
DATE OF REGISTRATION	27	//09/2012	
TITLE		TRAY	
PRIORITY NA			- the second
DESIGN NUMBER		262347	
CLASS		12-16	
1)FORD GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA	UNITED STATES, HA	AVING ITS OFFICE AT	
DATE OF REGISTRATION	05	//05/2014	
TITLE	VEHICLE REAR L	OWER BUMPER COVER	
PRIORITY			•
PRIORITY NUMBER	DATE	COUNTRY	
3020130056643	06/11/2013	BRAZIL	
DESIGN NUMBER		263992	
CLASS		08-05	
1)ROYAL, AN INDIAN PARTNER TEKARI UDYOG NAGAR, JAMNA WHOSE PARTNERS ARE AMRU KHIMASIA AND SARLABEN SAVLA			
DATE OF REGISTRATION		/07/2014	
TITLE	MAGN	ET CATCHER	-
PRIORITY NA			

DESIGN NUMBER	264178		
CLASS	12-15		
(PUNJAB) INDIA	IANA, G.T. ROAD, LUDHIANA-141420 EGISTERED UNDER THE COMPANIES ACT,		
DATE OF REGISTRATION	21/07/2014		
TITLE	TYRE FOR BICYCLE		
PRIORITY NA			
DESIGN NUMBER	260187		
CLASS	13-03		
278, MUMBAI 400001, MAHARASH	<b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>FRA, INDIA</b> RED UNDER THE PROVISIONS OF THE		
DATE OF REGISTRATION	07/02/2014		
TITLE	CIRCUIT BREAKER		
PRIORITY NA		C C	
DESIGN NUMBER	266220		
CLASS	05-05		
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, IND, KANJURMARG (WEST), OPP. HUMA HTRA, INDIA.		
DATE OF REGISTRATION			
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER			266297				
CLASS			05-05			Star Star	
1)M/S. BIBA APPARELS COMPANY INCORPORAT ACT, 1956, AND HAVING SITUATED AT HANUMAN SILK MILL MALL, MUMBAI-400 078 M DATE OF REGISTRATION TITLE PRIORITY NA	TED UND ITS'S RE COMPOU IAHARAS	<b>ER THE GISTER</b> JND, KA	PROVISION OF T ED OFFICE AT RE NJURMARG (WEST	HE CON LIABLI ), OPP. 1 14	MPANIES E HOUSE,		
DESIGN NUMBER			261564				
CLASS			26-99		1		
1)MAHINDRA & MAHIN INCORPORATED UNDER GATEWAY BUILDING, MAHARASHTRA, INDIA.	APOLLO	DIAN CC	OMPANIES ACT, 19 R, MUMBAI 400 001				
DATE OF REGISTRATION			07/04/2014				
TITLE	FOU	R WAY	LOCATOR FOR FEN BEZEL	NDER			
PRIORITY NA					T	E	3
DESIGN NUMBER		26	1721				
CLASS		1	5-99				
1)EREMA ENGINEERIN ANLAGEN GESELLSCHA OF UNTERFELDSTR. 3, AUSTRIA	FT M.B.F	I.,				1	(F)
DATE OF REGISTRATION		15/0	4/2014		-	-LA	
TITLE			RECYCLING OR OF POLYMERS		1	SX	
PRIORITY				3	LI		
PRIORITY NUMBER	DAT	Έ	COUNTRY	6	S	1	Ψ.
001386858-0005	15/10	)/2013	OHIM		~~~	¥ .	

DESIGN NUMBER	2	263327	
CLASS		23-04	
1) <b>DAIKIN INDUSTRIES LTD., A J</b> UMEDA CENTER BUILDING, 4-1 OSAKA-SHI, OSAKA-FU, JAPAN	R		
DATE OF REGISTRATION	13	/06/2014	
TITLE	AIR CO	ONDITIONER	
PRIORITY	F		
PRIORITY NUMBER	DATE	COUNTRY	
CN201430024219.6	29/01/2014	CHINA	
DESIGN NUMBER	,	262725	
CLASS		23-03	
1)TATA POWER SOLAR SYSTEM NO. 78, ELECTRONIC CITY, PHA KARNATAKA, INDIA. NATIONALIT	SE I, HÓSUR ROAD, I	BANGALORE 560100,	
DATE OF REGISTRATION	20	/05/2014	
TITLE		F THE SOLAR WATER EATER	
PRIORITY NA			
DESIGN NUMBER	,	262349	
CLASS		26-06	
1)FORD GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF SUITE 800, 330 TOWN CENTER D STATES OF AMERICA	UNITED STATES, HA	AVING ITS OFFICE AT	
DATE OF REGISTRATION	05	//05/2014	
TITLE	VEHICLE TAILLIGHT		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
3020130056791	06/11/2013	BRAZIL	

DESIGN NUMBER		263823	
CLASS		03-01	
1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY	LAZZARO DI SAVE	NA (BOLOGNA) ITALY,	A
DATE OF REGISTRATION	01	/07/2014	
TITLE	H	ANDBAG	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002422733-0007	11/03/2014	OHIM	
DESIGN NUMBER		265132	
CLASS		09-01	
MAHARASHTRA, INDIA DATE OF REGISTRATION TITLE PRIORITY NA		5/08/2014 BOTTLE	
DESIGN NUMBER		265385	
CLASS		06-03	
1)GODREJ & BOYCE MFG. CO. I INCORPORATED UNDER THE CO GODREJ INTERIO, PLANT 4, PIR 400079, INDIA	MPANIES ACT 1913	, OF	
DATE OF REGISTRATION	03	3/09/2014	
TITLE	OVER	BED TABLE	
PRIORITY NA			

DESIGN NUMBER		263749	9	
CLASS	15-06			-
1)PANCHAL PRITESH MANGALI AND PANCHAL GEETA RAMESHE AS GINZA MACHINERY MFG. CO. AT PLOT NO 1106/7, F ROAD, PHASI AHMEDABAD 382445, GUJARAT, IN	<b>KUMAR, ALL INDL</b> , <b>AN INDIAN PART</b> E III, GIDC INDUSTI	RATIK F AN NAT FNERSF	RAMESHKUMAR FIONALS, TRADING HIP FIRM, ADDRESS	
DATE OF REGISTRATION		30/06/20	)14	
TITLE	SEW	ING MA	CHINE	
PRIORITY NA				
DESIGN NUMBER		26418	5	
CLASS		12-16		
1)HONDA MOTOR CO., LTD., A J 1-1, MINAMI-AOYAMA 2-CHOM				
DATE OF REGISTRATION		22/07/20	014	
TITLE	REAR BUMP	ER FOR	AUTOMOBILE	
PRIORITY	T			
PRIORITY NUMBER	DATE	(	COUNTRY	
2014-001196	23/01/2014	J	APAN	
DESIGN NUMBER		26181	1	
CLASS		14-99		
1)SUMAN K. MULUMUDI, 16802 5 UNITED STATES OF AMERICA, A AND MAHESH S. MULUMUDI, 16802 57TH AVENUE, S.E., SNOH AMERICA, A CITIZEN OF UNITED S				
DATE OF REGISTRATION	16/04/2014			
TITLE	ELECTRONIC DEVICE CASING			
PRIORITY				
PRIORITY NUMBER	DATE	C	COUNTRY	
29/469,889	15/10/2013 U.S.A.			

DESIGN NUMBER	260189	
CLASS	13-03	
BOX: 278, MUMBAI 400001, MAHA	, <b>L&amp;T HOUSE, BALLARD ESTATE, P.O.</b> <b>RASHTRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE	P P
DATE OF REGISTRATION	07/02/2014	COLUMN STORE
TITLE	CIRCUIT BREAKER	10 - 20 m / / /
PRIORITY NA		
DESIGN NUMBER	266233	
CLASS	05-05	1
SITUATED AT	GISTERED OFFICE AT RELIABLE HOUSE, UND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	and the second s
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266304	
CLASS	05-05	Ser
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	CAPTOR I
DATE OF REGISTRATION	30/09/2014	
TITLE	TEXTILE FABRIC	a la
PRIORITY NA		

DESIGN NUMBER	,	261723	
CLASS		15-99	
1)EREMA ENGINEERING RECY GESELLSCHAFT M.B.H., OF UNTERFELDSTR. 3, A-4052 A			
DATE OF REGISTRATION	15	/04/2014	
TITLE		YCLING OR TREATMENT OLYMERS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	Re-
001386858-0008	15/10/2013	OHIM	
DESIGN NUMBER		262827	
CLASS		21-01	
1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, DEN	JMARK		00000
DATE OF REGISTRATION	23	/05/2014	2000 000
TITLE	TOY BUI	LDING BLOCK	60 00 00
PRIORITY			00000
PRIORITY NUMBER	DATE COUNTRY		80,000
002353268	28/11/2013	OHIM	
DESIGN NUMBER		262191	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.			
DATE OF REGISTRATION	01	/05/2014	
TITLE	TEXT	ILE FABRIC	<u>AREARIA</u>
PRIORITY NA			0.000

DESIGN NUMBER		262351	
CLASS		12-16	
1)FORD GLOBAL TECHNOLOG EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUI STATES OF AMERICA	UNITED STATES, H	AVING ITS OFFICE AT	
DATE OF REGISTRATION	0:	5/05/2014	
TITLE	VEHICLE	WHEEL COVER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056716	06/11/2013	BRAZIL	
DESIGN NUMBER		263493	
CLASS		21-01	
1)AUDI AG, A JOINT STOCK CO LAW, OF 85045 INGOLSTADT, GERMA		ED UNDER GERMAN	
DATE OF REGISTRATION	19	9/06/2014	
TITLE	MC	DDEL CAR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002375402	20/12/2013	OHIM	
DESIGN NUMBER		260748	
CLASS		13-03	
1) <b>M/S GM MODULAR PVT. LTD.</b> INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, S DISTRICT-THANE, MAHARASHTR	SATIVALI ROAD, VA		
DATE OF REGISTRATION	0.	3/03/2014	
TITLE	SWI	ICH PLATE	
PRIORITY NA			

DESIGN NUMBER		260191	
CLASS	13-03		(N)
1)LARSEN & TOUBRO LIMITED, 278, MUMBAI 400001, MAHARASH AN INDIAN COMPANY REGISTE COMPANIES ACT 1956			
DATE OF REGISTRATION	07	7/02/2014	
TITLE	CIRCU	IT BREAKER	
PRIORITY NA			100
DESIGN NUMBER		266237	
CLASS		05-05	****
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REA SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	*****		
DATE OF REGISTRATION	29/09/2014		CYXYYYYYYYYY
TITLE	TEXTILE FABRIC		
PRIORITY NA			*****
DESIGN NUMBER		262829	
CLASS		21-01	128
1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, DEN	1020000 0 00000000000000000000000000000		
DATE OF REGISTRATION	23	3/05/2014	
TITLE	TOY BUI	ILDING BLOCK	22
PRIORITY			100 00 00 0000000000000000000000000000
PRIORITY NUMBER	DATE COUNTRY		220202
002353268	28/11/2013	OHIM	20000

DESIGN NUMBER	262268	
CLASS	08-07	
PLACE OF BUSINESS AT PLO KRISHNA PARK HOTEL, N.H. RAJKOT, GUJARAT, INDIA AN SAVJIBHAI GHETIYA,	PROPRIETORSHIP FIRM HAVING PRINCIPAL F NO. 6, SOMNATH INDUSTRIAL ESTATE-1, OPP. 8-B, RAJKOT-GONDAL HIGHWAY, KOTHARIYA, ND HAVING PROPRIETOR VALLABHBHAI AV VILLA'', BLOCK NO. 301, 3RD FLOOR, NDIAN NATIONALS	
DATE OF REGISTRATION	01/05/2014	
TITLE	DOOR STOP (SET)	
PRIORITY NA		
DESIGN NUMBER	263183	
CLASS	07-99	
1)MA DESIGN INDIA PRIVAT INCORPORATED IN INDIA HA BUSINESS AT A-41, SECTOR-80, PHASE-II,	VING ITS PRINCIPAL PLACE OF	( )
DATE OF REGISTRATION	06/06/2014	
TITLE	ICE SCOOP	and the second
PRIORITY NA		Elizabeth .
DESIGN NUMBER	260192	
CLASS	13-03	
278, MUMBAI 400001, MAHARA	TED, L&T HOUSE, BALLARD ESTATE, P.O. BOX: ASHTRA, INDIA ISTERED UNDER THE PROVISIONS OF THE 07/02/2014	
TITLE	CIRCUIT BREAKER ACCESSORY	
PRIORITY NA		

DESIGN NUMBER		266238	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	ER THE PROVISION GISTERED OFFICE JND, KANJURMARG	N OF THE COMPANIES AT RELIABLE HOUSE,	
DATE OF REGISTRATION	29	9/09/2014	Salara a a a a a a a a a a a a a a a a a
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			222 IV 1222 IV 1222 IV 1222 IV 1222 IV 1222 IV 1222
DESIGN NUMBER		262104	
CLASS		14-03	
1) <b>PLANTRONICS INC., A DELAW</b> <b>BUSINESS AT</b> 345 ENCINAL STREET, SANTA C			
DATE OF REGISTRATION	28	8/04/2014	and a
TITLE	COMMUNIC	CATIONS HEADSET	
PRIORITY		1	
PRIORITY NUMBER	DATE	COUNTRY	
29/471,308	30/10/2013	U.S.A.	
DESIGN NUMBER		262830	
CLASS		21-01	
1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, DEN			
DATE OF REGISTRATION	2:	3/05/2014	
TITLE	TOY BU	ILDING BLOCK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002353268	28/11/2013	OHIM	$\sim$

DESIGN NUMBER		262357	
CLASS	21-02		$\sim$
1) <b>DECATHLON,</b> 4, BOULEVARD DE MONS, 59650 COMPANY OF FRANCE	), VILLENEUVE D'AS	SCQ, FRANCE, A	All of the second secon
DATE OF REGISTRATION	05	5/05/2014	
TITLE	SKIN-D	DIVERS MASK	H(X X)
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	A KSY
002340224-0001	06/11/2013	OHIM	
DESIGN NUMBER		263509	
CLASS		07-02	
1)GREE ELECTRIC APPLIANCES JINJI WEST ROAD, QIANSHAN Z			
DATE OF REGISTRATION	OF REGISTRATION 19/06/2014		
TITLE	ELECTRIC PRESSURE COOKER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201330638450.X	20/12/2013	CHINA	
DESIGN NUMBER		264470	
CLASS		08-06	
1)GODREJ & BOYCE MFG. CO. L OF LOCKS DIVISION (PLANT-18 400079, MAHARASHTRA, INDIA, IN	), PIROJSHANAGAR,	VIKHROLI, MUMBAI -	-
DATE OF REGISTRATION	05/08/2014		
TITLE	HANDLE		
PRIORITY NA			

DESIGN NUMBER	26	6260	
CLASS	0:	5-05	MANA MANANA M
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	ER THE PROVISION OF GISTERED OFFICE AT ND, KANJURMARG (W	DF THE COMPANIES I RELIABLE HOUSE,	
DATE OF REGISTRATION	29/0	9/2014	
TITLE	TEXTIL	E FABRIC	
PRIORITY NA			
DESIGN NUMBER	2554	48	
CLASS	25-9	9	1
	26/07/2013 FOOTBRIDGE		
DESIGN NUMBER	26	3507	
CLASS	0′	7-02	
1)GREE ELECTRIC APPLIANCES ZHUHAI, JINJI WEST ROAD, QIA CHINA		NGDONG, 519070,	
DATE OF REGISTRATION	19/06/2014		
TITLE	ELECTRIC PRESSURE COOKER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
201330638450.X	20/12/2013	CHINA	

DESIGN NUMBER	266013	
CLASS	09-01	
UNDER COMPANY ACT 1956 (	V <b>ATER PVT. LTD., A COMPANY REGISTERED</b> DF VGHAR DIST RAIGAD, PIN-410205,	
DATE OF REGISTRATION	25/09/2014	Sector Carlo
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	266258	
CLASS	05-05	
SITUATED AT HANUMAN SILK MILL COM MALL, MUMBAI-400 078 MAHA DATE OF REGISTRATION TITLE PRIORITY NA	POUND, KANJURMARG (WEST), OPP. HUMA RASHTRA, INDIA. 29/09/2014 TEXTILE FABRIC	
DESIGN NUMBER	262113	·
CLASS	02-03	
1)LOBO CANDIDA, NATIONA 102, MARIA MANOR APTS, 7 BANGALORE-560005	ALITY INDIAN, THAMBUCHETTY ROAD, COX TOWN,	
DATE OF REGISTRATION	29/04/2014	1 6 6
TITLE	HEADER FOR BABIES AND TODDLERS	
PRIORITY NA		

DESIGN NUMBER	262567	
CLASS	11-02	
1) <b>M/S. MARCO POLO S.R.L.; AN I</b> VIA C., MARX, 8, 06011 CITTA D	<b>TALIEN CORPORATION OF THE ADDRESS:</b> I CASTELLO (PG), ITALY	ATC .
DATE OF REGISTRATION	13/05/2014	the second second
TITLE	TABLE CENTERPIECE	Pages
PRIORITY NA		
DESIGN NUMBER	262282	
CLASS	07-03	•
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		Q
DATE OF REGISTRATION	02/05/2014	
TITLE	SPOON	
PRIORITY NA		
DESIGN NUMBER	262993	
CLASS	11-02	and the second second second
DELHI-110006, INDIA	<b>ALI JATAN PAHARI DHIRAJ, SADAR BAZAR,</b> FIRM WHOSE PROPRIETOR IS:- SH. SIDHARTH L OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	30/05/2014	
TITLE	FLOWER POT	
PRIORITY NA		

DESIGN NUMBER		263943		
CLASS	ASS 15-99			
1)SEJONG PHARMATE (CHEONGCHEON-DON INCHEON, 403-031 REPUB				
DATE OF REGISTRATIO	N		09/07/2014	
TITLE		CAPSUL	E FILLER FOR PHARMACEUTICA PURPOSES	L
PRIORITY				
PRIORITY NUMBER	DA	TE	COUNTRY	W
30-2014-0001597	10/	01/2014	REPUBLIC OF KOREA	
DESIGN NUMBER			260188	
CLASS		13-03		(10)
COMPANIES ACT 1956	REGISTI		A ER THE PROVISIONS OF THE	
DATE OF REGISTRATION		07/02/2014		
TITLE		CIRCUIT BREAKER		
PRIORITY NA				(P (P)
DESIGN NUMBER	264284		264284	
LASS 06-08				
,	AN, BHAO		<b>PROPRIETORSHIP FIRM OF</b> I ROAD, VILE PARLE (W) MUMBA	
DATE OF REGISTRATION28/07/2014				
DATE OF REGISTRATIO	N		20/07/2014	
DATE OF REGISTRATIO TITLE	N		HANGER	

DESIGN NUMBER		261722	
CLASS	15-99		
1)EREMA ENGINEERING RECY GESELLSCHAFT M.B.H., OF UNTERFELDSTR. 3, A-4052 A			
DATE OF REGISTRATION	15	5/04/2014	
TITLE		YCLING OR TREATMENT POLYMERS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001386858-0006	15/10/2013	OHIM	
DESIGN NUMBER		256057	
CLASS		09-07	7.41.5
1)OVERSEAS CANS & CONTAIN P.O. BOX 40482, SHARJAH, UNIT ORGANIZED AND EXISTING UNDE			
DATE OF REGISTRATION	27	7/08/2013	(( ))
TITLE	CONTAINER CLOSURE		
PRIORITY NA			
DESIGN NUMBER		266226	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	ER THE PROVISION GISTERED OFFICE JND, KANJURMARG	N OF THE COMPANIES AT RELIABLE HOUSE,	
DATE OF REGISTRATION	29/09/2014		
TITLE	TEXTILE FABRIC		ETTER LIKE THE THE THE
PRIORITY NA			

DESIGN NUMBER		266301		
CLASS		05-05	the the the the the the	
1)M/S. BIBA APPARELS PR COMPANY INCORPORATED ACT, 1956, AND HAVING ITS SITUATED AT HANUMAN SILK MILL CO MALL, MUMBAI-400 078 MAH	<b>UNDER THE PROVI</b> 'S REGISTERED OFF MPOUND, KANJURM.	SION OF THE CON TICE AT RELIABLI	MPANIES E HOUSE,	
DATE OF REGISTRATION		30/09/2014		- 美美美美美
TITLE	7	<b>FEXTILE FABRIC</b>		BAR NOS NOS
PRIORITY NA				
DESIGN NUMBER		262005		
CLASS		15-05		
1)SATA GMBH & CO. KG, C DOMERTALSTRASSE 20, 7 GERMAN COMPANY		M, DEUTSCHLAND	, GERMANY	,
DATE OF REGISTRATION		24/04/2014		
TITLE	SPRAY (	GUN CLEANING DE		
PRIORITY PRIORITY NUMBER 002343459-0001	DATE 12/11/2013	COUNTR OHIM	2Y	
DESIGN NUMBER	2633			
CLASS		23-04		1
1)DAIKIN INDUSTRIES LTI ADDRESS: UMEDA CENTER BUILDIN KITA-KU, OSAKA-SHI, OSAKA	IG, 4-12 NAKAZAKI-N			
DATE OF REGISTRATION		13/06/2014		
TITLE	AIR CONE	AIR CONDITIONER		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
CN201430024219.6	29/01/2014	CHINA	$\sim$	
				~

DESIGN NUMBER		262826	
CLASS		21-01	
1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, DEN	IMARK		$( \square )$
DATE OF REGISTRATION	23	3/05/2014	
TITLE	TOY BU	ILDING BLOCK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002353268	28/11/2013	OHIM	
DESIGN NUMBER		262350	
CLASS		12-16	
330 TOWN CENTER DRIVE, SUI STATES OF AMERICA DATE OF REGISTRATION	, 	5/05/2014	
TITLE	VEHICLE WHEEL COVER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056716	06/11/2013	BRAZIL	
DESIGN NUMBER	263171		
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	2 m
DATE OF REGISTRATION	06/06/2014		- 1
TITLE	CHE	ESEBOARD	
PRIORITY NA			

DESIGN NUMBER		263994	
CLASS		08-05	
TEKARI UDYOG NAGAR, JAMI	NAGAR-361004 RUTLAL SAMA /LA, ALL INDL	T HARIA, AMRUTLAL NARSHI	
PRIORITY NA			
DESIGN NUMBER		260412	
CLASS		25-01	
1) <b>RITTAL GMBH &amp; CO. KG.</b> AUF DEM STÜTZELBERG, 35 INCORPORATED UNDER THE LA	0.00 cm 0 0.00 cm 0 0.00 cm 0 0.00 cm 0		
DATE OF REGISTRATION		17/02/2014	
TITLE	METAL PROFILE FOR SWITCHGEAR CABINETS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	101
002294132	20/08/2013	EUROPEAN UNION	
DESIGN NUMBER		264174	
CLASS		15-03	
INDIA. AN INDIAN PARTNERSHIP FI	RM WHOSE PA	<b>B, LUDHIANA-141003 (PUNJAB</b> ) ARTNERS ARE:- HARINDER PAL ATIONAL OF THE ABOVE ADDRES	s
DATE OF REGISTRATION 21/07/2014			
TITLE		SUGARCANE REAPER	
PRIORITY NA			

DESIGN NUMBER	260183	
CLASS	13-03	
278, MUMBAI 400001, MAHARASH	, <b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>TRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE	
DATE OF REGISTRATION	07/02/2014	
TITLE	MINIATURE CIRCUIT BREAKER	
PRIORITY NA		P
DESIGN NUMBER	266214	
CLASS	05-05	
ACT, 1956, AND HAVING ITS'S RE SITUATED AT	ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		A MUNICIPAL AND AN ADVANCES
DESIGN NUMBER	266291	
CLASS	05-05	Aska Minter and a street a street a
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.		
DATE OF REGISTRATION	30/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA	·	

DESIGN NUMBER		259944	
CLASS		13-03	
1)LARSEN & TOUBRO LIMIT 278, MUMBAI 400001, MAHARA AN INDIAN COMPANY REGIS COMPANIES ACT 1956	SHTRA, INDIA		
DATE OF REGISTRATION		03/02/2014	
TITLE	MINIATU	JRE CIRCUIT BREAKE	R
PRIORITY NA			
DESIGN NUMBER	2	254492	
CLASS		22-01	12
1)MAGPUL INDUSTRIES COR 400 YOUNG COURT, UNIT 1, OF AMERICA, A COLORADO CO	ERIE, COLORADO 8	0516, UNITED STATES	
DATE OF REGISTRATION	13/	/06/2013	12331/160
TITLE	FRONT UNIT	FOR A FIREARM	
			A A A A A A A A A A A A A A A A A A A
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/443,370	16/01/2013	U.S.A.	
	I	I	
DESIGN NUMBER		263819	
CLASS		03-01	
1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 S NATIONALITY: ITALY	AN LAZZARO DI SA	AVENA (BOLOGNA) IT	ALY,
DATE OF REGISTRATION		01/07/2014	•
TITLE		HANDBAG	
PRIORITY PRIORITY NUMBER 002422733-0003	DATE 11/03/2014	COUNTRY OHIM	

DESIGN NUMBER	260576	
CLASS	06-01	
1)ROM AG, [A CORPORATION O BELGIUM], INDUSTRIESTRAßE 38, B-4700 E	Salada (	
DATE OF REGISTRATION	24/02/2014	
TITLE	SOFA SET	
PRIORITY NA		
DESIGN NUMBER	259713	
CLASS	23-03	
ADDRESS AT 37/1/1, KONDHWA PISOLI ROAE INDIA	IPANIES ACT, 1956, HAVING OFFICE ), PISOLI, PUNE-411028, MAHARASHTRA,	
DATE OF REGISTRATION	27/01/2014	
TITLE	PLATE USED IN GAS STOVE	
PRIORITY NA		
DESIGN NUMBER	266268	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		262148	
CLASS		14-01	
1)BEATS ELECTRONICS, LLC, A DELAWARE, OF 1601 CLOVERFIELD BLVD, SUIT	(CE)		
DATE OF REGISTRATION	30	0/04/2014	A
TITLE	SPEA	KER STAND	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	Car
29/472,814	15/11/2013	U.S.A.	
DESIGN NUMBER		258536	
CLASS		09-03	
1)NICOVENTURES HOLDINGS L 22 TUDOR STREET, LONDON EC			
DATE OF REGISTRATION	03	3/12/2013	
TITLE	PACKAGING FOR ELECTRONIC CIGARETTE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002249383-0002	04/06/2013 OHIM		
DESIGN NUMBER		262308	
CLASS		12-05	25
1)HARRY H. ARZOUMAN, 26 MAINSAIL DRIVE, CORONA DEL MAR, CALIFORNIA 92625, UNITED STATES OF AMERICA, A CITIZEN OF UNITED STATES OF AMERICA			
DATE OF REGISTRATION	02	2/05/2014	A PAR
TITLE	JACK STAND OF LIFTING DEVICE		
PRIORITY			Res a
PRIORITY NUMBER	DATE	COUNTRY	
29/463,384	04/11/2013	U.S.A.	

DESIGN NUMBER	265379	
CLASS	07-02	
1)RAJIV AGARWAL, AUTOPRESS INDIA PVT. LTD., C DIST. PUNE-412111, M.S. INDIA, AN	GATE NO. 322 (NEW), PIRANGUT, MULSHI, INDIAN NATIONAL	
DATE OF REGISTRATION	03/09/2014	
TITLE	HANDLE FOR UTENSILS	
PRIORITY NA		
DESIGN NUMBER	260185	
CLASS	13-03	600 600 600
278, MUMBAI 400001, MAHARASH AN INDIAN COMPANY REGISTE COMPANIES ACT 1956 DATE OF REGISTRATION		
TITLE	07/02/2014 MINIATURE CIRCUIT BREAKER	A Charles and a constant
PRIORITY NA		B B B
DESIGN NUMBER	266218	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE- SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS		
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	188888888888
PRIORITY NA		

DESIGN NUMBER		266295	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVA COMPANY INCORPORATED UN ACT, 1956, AND HAVING ITS'S R SITUATED AT HANUMAN SILK MILL COMPO MALL, MUMBAI-400 078 MAHAR	<b>DER THE PROVISION</b> EGISTERED OFFICE A	N OF THE COMPANIES AT RELIABLE HOUSE,	The second s
DATE OF REGISTRATION	30	)/09/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		261992	
CLASS		09-01	
1) <b>PEPSICO, INC., INCORPORA</b> 700 ANDERSON HILL ROAD, F OF AMERICA			s
DATE OF REGISTRATION	24/04/2014		
TITLE	BOTTLE		
PRIORITY PRIORITY NUMBER 29/470,789	DATE 24/10/2013	COUNTRY U.S.A.	
DESIGN NUMBER	2599	946	
CLASS	13-0	03	
1)LARSEN & TOUBRO LIMITE BOX: 278, MUMBAI 400001, MAH AN INDIAN COMPANY REGIS' COMPANIES ACT 1956	ARASHTRA, INDIA		0000
DATE OF REGISTRATION	03/02/	/2014	7 6
TITLE	CIRCUIT B	BREAKER	A State of the sta
PRIORITY NA			6000

DESIGN NUMBER		248202	
CLASS	07-01		
1)NAYASA WORLD OF SURVEY CO.OP.SOCIETY, DABHEL NANI I TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, W MANASI SACHDEV & KISHOR MAI	<b>DAMAN, DAMAN-39</b> HOSE PARTNERS AI	6 <b>310, (UNION</b> RE RUPA SACHDEV,	
DATE OF REGISTRATION	2'	7/09/2012	
TITLE	BOW	L WITH LID	
PRIORITY NA			
DESIGN NUMBER		262345	
CLASS		12-16	
EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA DATE OF REGISTRATION	TE 800, DEARBORN N		
TITLE	VEHICLE REAR UPPER BUMPER COVER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056767	06/11/2013	BRAZIL	
DESIGN NUMBER		263821	
CLASS		03-01	
1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY	I LAZZARO DI SAVE	NA (BOLOGNA) ITALY,	
DATE OF REGISTRATION	01/07/2014		
TITLE	HANDBAG		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002422733-0005	11/03/2014	OHIM	

DESIGN NUMBER		265386	
CLASS		06-03	
1)GODREJ & BOYCE MFG. CO. L INCORPORATED UNDER THE CO GODREJ INTERIO, PLANT 4, PIRC 400079, INDIA	MPÁNIES ACT 1913	, OF	I-
DATE OF REGISTRATION	0	3/09/2014	
TITLE	OVE	RBED TABLE	
PRIORITY NA			~
DESIGN NUMBER		263492	
CLASS		12-08	
1)AUDI AG, A JOINT STOCK CON LAW, OF 85045 INGOLSTADT, GERMA		IED UNDER GERMAN	
DATE OF REGISTRATION	1	9/06/2014	
TITLE	CAR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002375402	20/12/2013	OHIM	
DESIGN NUMBER		264186	
CLASS		26-06	
1)HONDA MOTOR CO., LTD., A J. 1-1, MINAMI-AOYAMA 2-CHOMI			
DATE OF REGISTRATION	2	2/07/2014	
TITLE	FRONT COMBINATION LAMP FOR AUTOMOBILE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-001191	23/01/2014	JAPAN	

DESIGN NUMBER	26	1818	
CLASS	15-99		
1)WINDMOELLER & HOELSCHI MUENSTERSTRASSE 50, 49525 I GERMAN		, NATIONALITY:	
DATE OF REGISTRATION	16/0	4/2014	
TITLE		G OF A REEL WINDING CHINE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
402013004574	16/10/2013	GERMANY	
DESIGN NUMBER	26	5484	
CLASS	09	9-03	
REGISTERED AS PER INDIAN CO NO. 40, STRELING ROAD, NUNC INDIA DATE OF REGISTRATION	AMBAKKAM, CHENNA		
TITLE	CONTAINER		
PRIORITY NA			
DESIGN NUMBER	26	0190	
CLASS	13	3-03	
1)LARSEN & TOUBRO LIMITED 278, MUMBAI 400001, MAHARASH AN INDIAN COMPANY REGISTE COMPANIES ACT 1956	TRA, INDIA	,	0.0.0
DATE OF REGISTRATION	07/02/2014		
TITLE	CIRCUIT	BREAKER	
PRIORITY NA			3 3 3 3 A

DESIGN NUMBER		261724	
CLASS		15-99	
1)EREMA ENGINEERING RE GESELLSCHAFT M.B.H., OF UNTERFELDSTR. 3, A-40:			AT
DATE OF REGISTRATION	15	5/04/2014	
TITLE		ECYCLING TREATMENT POLYMERS	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
001386858-0011	15/10/2013	OHIM	4
DESIGN NUMBER		266236	
CLASS		05-05	
DATE OF REGISTRATION TITLE	T	29/09/2014 TEXTILE FABRIC	
PRIORITY NA			
PRIORITY NA DESIGN NUMBER		262828	
DESIGN NUMBER		262828 21-01	
	DENMARK		
DESIGN NUMBER CLASS 1)LEGO A/S, OF	DENMARK		
DESIGN NUMBER CLASS 1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, I DATE OF REGISTRATION		21-01	
DESIGN NUMBER CLASS 1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, I		21-01 23/05/2014	
DESIGN NUMBER CLASS 1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, I DATE OF REGISTRATION TITLE		21-01 23/05/2014	

DESIGN NUMBER	· · · · · · · · · · · · · · · · · · ·	262932	
CLASS		21-02	
1)MAGIC PRODUCTION GROUP FINDEL BUSINESS CENTER, CO LUXEMBOURG			( notes
DATE OF REGISTRATION	27	//05/2014	5
TITLE	TC	OY BALL	AL AL
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DM/083478	30/04/2014	WIPO	
DESIGN NUMBER		262240	
CLASS		12-08	
1)IVECO S.P.A., AN ITALIAN JOI VIA PUGLIA 35, 10156 TORINO, 1		NY OF	
DATE OF REGISTRATION	01	/05/2014	
TITLE	VAN		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002340034-0001	06/11/2013	OHIM	
DESIGN NUMBER		262352	
CLASS		12-16	
1)FORD GLOBAL TECHNOLOGI EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA	UNITED STATES, H	AVING ITS OFFICE AT	PA
DATE OF REGISTRATION	05/05/2014		
TITLE	VEHICLE HUB CAP		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056724	06/11/2013	BRAZIL	

DESIGN NUMBER	263084	
CLASS	09-01	-
1) <b>MR. PUSHPINDER PAL, AN INI GROWELL PHARMACY,</b> VILLAGE BHADAK, PATIALA R	DIAN NATIONAL, TRADING AS M/S. OAD, RAJPURA, PUNJAB.	
DATE OF REGISTRATION	03/06/2014	and a
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	266251	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	New called the called the se
TITLE	TEXTILE FABRIC	1000000000000000000
PRIORITY NA		
DESIGN NUMBER	262112	
CLASS	09-07	
<b>UNDER THE COMPANIES ACT, 19</b>	<b>LIMITED, A COMPANY INCORPORATED</b> 56, WHOSE ADDRESS IS AJAJI NAGAR, BANGALORE-560010, INDIA	Carrievant
DATE OF REGISTRATION	29/04/2014	
TITLE	CAP OF DRUG CONTAINER	
PRIORITY NA		

DESIGN NUMBER		262831	
CLASS	21-01		
1)LEGO A/S, OF AASTVEJ 1, 7190 BILLUND, DENMARK			pl_9/
DATE OF REGISTRATION	23/05/2014		D - Q//
TITLE	TOY BUI	LDING BLOCK	60/
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	OO//
002353268	28/11/2013	OHIM	
DESIGN NUMBER		262276	
CLASS		08-06	
JALANDHAR-144003 (PB), INDIA AN INDIAN PROPRIETORSHIP F BEING INDIAN NATIONALS OF THI DATE OF REGISTRATION	E ABOVE ADDRESS	ETOR IS :- MANJIT SING /05/2014	GH
TITLE	HINGE		
PRIORITY NA		2 (2001	
DESIGN NUMBER		262991	
CLASS	13-03		
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-8333, JAPAN			
DATE OF REGISTRATION	30/05/2014		
TITLE	ELECTRICAL JUNCTION BOX		
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	as pr
2013-028561	05/12/2013	JAPAN	

DESIGN NUMBER			263	508		
CLASS		07-02				
1) <b>GREE ELECTRIC APPLL</b> JINJI WEST ROAD, QIANS				519070, CHI	NA	
DATE OF REGISTRATION		19/06/2014				
TITLE		ELEC	CTRIC PRES	SSURE COO	KER	12 /
PRIORITY PRIORITY NUMBER		DATE		COUNTRY	Y	
201330638450.X		20/12/20	13	CHINA	-	
					Γ	
DESIGN NUMBER			50253			
CLASS		0	8-01			
1)HILTI AKTIENGESELLS FELDKIRCHERSTRASSE 1 NATIONALITY: LIECHTENST	00, FL-94	94 SCHAA	N, LIECHT	ENSTEIN,		
DATE OF REGISTRATION		10/02/2014				
TITLE		CO	RE BIT		~	
PRIORITY PRIORITY NUMBER 756199601	DA' 09/0	ГЕ )8/2013	COUNT WIPO	TRY		
DESIGN NUMBER			266	259		
CLASS			05-	-05		
1)M/S. BIBA APPARELS PR COMPANY INCORPORATE ACT, 1956, AND HAVING ITS SITUATED AT HANUMAN SILK MILL CC MALL, MUMBAI-400 078 MAR	D UNDER S REGI	<b>X THE PRO</b> STERED O D, KANJUF	OVISION OFFICE AT	F THE COM RELIABLE	IPANIES HOUSE,	
DATE OF REGISTRATION	29/09/2014		<b>医 蒜 蒜 芽</b>			
TITLE			TEXTILE	E FABRIC		1444444444444
PRIORITY NA						276227

The Patent Office Journal 27/02/2015

DESIGN NUMBER		262	117	
CLASS		09-	01	
1)LUMSON S.P.A., VIA TESINO, 62/64-26010 CAPERGNANICA (CR)-IT				
DATE OF REGISTRATION		29/04/	2014	
TITLE	CONTA	NER WITH A	A DISPENSING CAP	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
002451989	24/04/20	)13	OHIM	
DESIGN NUMBER		2622	285	
CLASS		07-		
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA.				
DATE OF REGISTRATION		02/05/	2014	
TITLE		BOWL		
PRIORITY NA				
DESIGN NUMBER		263944		
CLASS		15-	99	
1)SEJONG PHARMATECH CO., LTD., (CHEONGCHEON-DONG) 63, ANNAM-RO 402 BEONGIL, BUPYEONG-GU, INCHEON, 403-031 REPUBLIC OF KOREA, NATIONALITY: REPUBLIC OF KOREA				
DATE OF REGISTRATION		09/07/	2014	
TITLE		GRAVIMETRIC MEASURING INSTRUMENTS OF CAPSULE FOR PHARMACEUTICAL PURPOSES		0
PRIORITY		1		
PRIORITY NUMBER	DATE	TE COUNTRY		
30-2014-0001599	10/01/2014	REPUBLIC	OF KOREA	

DESIGN NUMBER	260582	
CLASS	06-01	
1)ROM AG, [A CORPORATION O BELGIUM], INDUSTRIESTRAßE 38, B-4700 E	2111	
DATE OF REGISTRATION	24/02/2014	
TITLE	SOFA SET	
PRIORITY NA		
DESIGN NUMBER	266171	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS		
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	A STATE OF STATE
PRIORITY NA		
DESIGN NUMBER	266195	
CLASS	05-05	
1)M/S. BIBA APPARELS PRIVAT COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS		
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	259941	
CLASS	13-03	
278, MUMBAI 400001, MAHARASH	, <b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>TRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE	
DATE OF REGISTRATION	03/02/2014	
TITLE	MINIATURE CIRCUIT BREAKER	AC LOUISING
PRIORITY NA		9 9
DESIGN NUMBER	265378	
CLASS	07-02	
1) <b>RAJIV AGARWAL,</b> AUTOPRESS INDIA PVT. LTD., C DIST. PUNE-412111, M.S. INDIA, AN	GATE NO. 322 (NEW), PIRANGUT, MULSHI, I INDIAN NATIONAL	
DATE OF REGISTRATION	03/09/2014	6
TITLE	HANDLE FOR UTENSILS	
PRIORITY NA		
DESIGN NUMBER	264175	
CLASS	15-03	
INDIA. AN INDIAN PARTNERSHIP FIRM	NDL. AREA-B, LUDHIANA-141003 (PUNJAB) 4 WHOSE PARTNERS ARE:- HARINDER PAL 5 INDIAN NATIONAL OF THE ABOVE ADDRESS	State of the second sec
DATE OF REGISTRATION	21/07/2014	
TITLE	CONVEYOR FOR SUGARCANE REAPER	
PRIORITY NA		

DESIGN NUMBER	260184	
CLASS	13-03	
1)LARSEN & TOUBRO LIMITE BOX: 278, MUMBAI 400001, MAH	D, L&T HOUSE, BALLARD ESTATE, P.O.	
DATE OF REGISTRATION	07/02/2014	
TITLE	MINIATURE CIRCUIT BREAKER	a min with the li
PRIORITY NA		P'P'P'P
DESIGN NUMBER	266216	
CLASS	05-05	and the
COMPANIES ACT, 1956, AND HA RELIABLE HOUSE, SITUATED A HANUMAN SILK MILL COMPO MALL, MUMBAI-400 078 MAHAR.	DUND, KANJURMARG (WEST), OPP. HUMA ASHTRA, INDIA.	Ne
DATE OF REGISTRATION TITLE	29/09/2014 TEXTILE FABRIC	STA NE AS
PRIORITY NA		Y
DESIGN NUMBER	266294	
CLASS	05-05	
COMPANY INCORPORATED UN ACT, 1956, AND HAVING ITS'S R SITUATED AT HANUMAN SILK MILL COMPO MALL, MUMBAI-400 078 MAHAR.		
DATE OF REGISTRATION	30/09/2014	0000000000000
TITLE	TEXTILE FABRIC	
PRIORITY NA		WERE WERE

DESIGN NUMBER		261985	
CLASS	09-01		0
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA			s
DATE OF REGISTRATION	24	4/04/2014	
TITLE	I	BOTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/470,789	24/10/2013	U.S.A.	
DESIGN NUMBER		259945	
CLASS		13-03	
DATE OF REGISTRATION TITLE	03/02/2014 CIRCUIT BREAKER ACCESSORY		
PRIORITY NA			
PRIORITY NA DESIGN NUMBER		263820	
		263820 03-01	
DESIGN NUMBER		03-01	
DESIGN NUMBER CLASS 1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN	I LAZZARO DI SAVE	03-01	
DESIGN NUMBER CLASS 1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY	I LAZZARO DI SAVE	03-01 NA (BOLOGNA) ITALY,	
DESIGN NUMBER CLASS 1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY DATE OF REGISTRATION	I LAZZARO DI SAVE	03-01 NA (BOLOGNA) ITALY, 1/07/2014	
DESIGN NUMBER CLASS 1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY DATE OF REGISTRATION TITLE	I LAZZARO DI SAVE	03-01 NA (BOLOGNA) ITALY, 1/07/2014	

DESIGN NUMBER	263165	
CLASS	07-99	-
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		Ann
DATE OF REGISTRATION	06/06/2014	
TITLE	TRAY	
PRIORITY NA		_
DESIGN NUMBER	263548	
CLASS	31-00	
1)HAVELLS INDIA LIMITED HA 1, RAJ NARAIN MARG, CIVIL LI		
DATE OF REGISTRATION	20/06/2014	it is a second
TITLE	MIXER GRINDER JAR	
PRIORITY NA		
DESIGN NUMBER	266175	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	264267	
CLASS	08-06	
SOLE PROPRIETOR OF OM ENTE CONCERN) HAVING PLACE OF B	RAILYA (ADULT AND INDIAN NATIONAL) CRPRISE INDIAN PROPRIETORSHIP USINESS AT- ROAD, RAJKOT-360002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	28/07/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	266196	
CLASS	05-05	
SITUATED AT	GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		ACCOUNTER AND
DESIGN NUMBER	259942	
CLASS	13-03	END END END END
278, MUMBAI 400001, MAHARASH	<b>, L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>TRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE	
DATE OF REGISTRATION	03/02/2014	
TITLE	MINIATURE CIRCUIT BREAKER	
PRIORITY NA		

DESIGN NUMBER	260579	
CLASS	06-01	
		the second s
THE LAWS OF BELGIUM	AATION ORGANIZED UNDER [], , B-4700 EUPEN, BELGIUM	The local sector
DATE OF REGISTRATION	24/02/2014	
TITLE	SOFA SET	Comparison and the second s
PRIORITY NA		
DESIGN NUMBER	259716	
CLASS	07-02	
REGISTERED UNDER TH COMPANIES ACT, 1956, I	VATE LIMITED, A COMPANY HE PROVISION OF INDIAN HAVING OFFICE ADDRESS AT OLI ROAD, PISOLI, PUNE-411 028, 27/01/2014	
TITLE	BURNER FOR GAS STOVES	
PRIORITY NA		
DESIGN NUMBER	264057	
CLASS	11-02	
PRIYAN BHATT (4) MISS BHATT ALL INDIAN NAT INDUSTRIES AN INDIAN PRINCIPAL PLACE OF B	TT (2) DR. DHARA BHATT (3) DR. JYOTI BHATT AND (5) DR. REENA FIONAL PARTNERS OF PERCARE PARTNERSHIP FIRM HAVING ITS USINESS AT ADDRESS: RA, VADODARA-390010, GUJARAT-	
DATE OF REGISTRATION	15/07/2014	FER
TITLE	DECORATIVE ARTICLE	1000
PRIORITY NA		

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DESIGN NUMBER	261937	
CLASS	15-09	and an and a second
148021, DISTT. SANGRUR (PUNJAH	IRM WHOSE PROPRIETOR IS:- HARJIT SINGH	
DATE OF REGISTRATION	22/04/2014	
TITLE	WOOD ENGRAVING MACHINE	
PRIORITY NA		
DESIGN NUMBER	264264	
CLASS	08-06	
HAVING PLACE OF BUSINESS AT	SE (INDIAN PROPRIETORSHIP CONCERN) : ROAD, KOTHARIA ROAD, RAJKOT-GUJARAT-	
DATE OF REGISTRATION	28/07/2014	U
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	266189	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	ALL ALCON
TITLE	TEXTILE FABRIC	SALLE BERT
PRIORITY NA		AN IN CONTRACTOR

DESIGN NUMBER	259939	
CLASS	13-03	(10) (10)
278, MUMBAI 400001, MAHARASH	, <b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>TRA, INDIA</b> ERED UNDER THE PROVISIONS OF THE	
DATE OF REGISTRATION	03/02/2014	
TITLE	MINIATURE CIRCUIT BREAKER	
PRIORITY NA		(A) (A)
DESIGN NUMBER	266176	
CLASS	05-05	
ACT, 1956, AND HAVING ITS'S RE SITUATED AT	<b>ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE,</b> JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	bd t and t
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	266197	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	*****
TITLE	TEXTILE FABRIC	
PRIORITY NA		*****

DESIGN NUMBER		259943	
CLASS	13-03		
1)LARSEN & TOUBRO LIMITED 278, MUMBAI 400001, MAHARASH AN INDIAN COMPANY REGISTE COMPANIES ACT 1956	TRA, INDIA		000
DATE OF REGISTRATION	03	/02/2014	A CONTRACTOR OF THE OWNER
TITLE	MINIATURE	CIRCUIT BREAKER	2 2 3
PRIORITY NA			
DESIGN NUMBER		262816	
CLASS	12-09		
1)TAFE MOTORS AND TRACTOR UNDER THE COMPANIES ACT, 19 NO. 77, NUNGAMBAKAM HIGH CHENNAI-600034, TAMILNADU, IN	<b>56, HAVING ITS REC</b> ROAD, POTTIPATTI H	<b>GISTERED OFFICE AT</b>	
DATE OF REGISTRATION	22/05/2014		
TITLE	TRACTOR		
PRIORITY NA			
DESIGN NUMBER		262337	
CLASS	24-04		
1)BAUERFEIND AG, OF TRIEBESER STR. 16, 07937 ZEUL COMPANY.	ENRODA-TRIEBES, C	GERMANY, A GERMAN	(Sanda)
DATE OF REGISTRATION	05/05/2014		1 55 331
TITLE	ORTHOPEDIC ARCH SUPPORT		5 3
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001389738-0033	05/11/2013 OHIM		

DESIGN NUMBER		260581				
CLASS		06-01		1.000		
1)ROM AG, [A CORPO THE LAWS OF BELGI INDUSTRIESTRABE	J <b>M],</b>	ON ORGANIZ		-	F	++ +++
DATE OF REGISTRATION		24/02/202	14	1	4	The second secon
TITLE		SOFA SE	ET		1	
PRIORITY NA				-		
DESIGN NUMBER		2	58054			
CLASS		-	13-02			
1) <b>BROGAN, HUGH, H</b> THE FLAT, BROOKV ISLE OF MAN, UNITED	ILLE, N	MAIN ROAD, H	BALLABEG, IN	v19 4LE,		
DATE OF REGISTRATION		08/11/2013				
TITLE	ITLE BATTERY PACK WITH MULTIPLE CONNECTORS			60		
PRIORITY NUMBER 002234369		DATE 08/05/2013	COUNTR OHIM	Y		
DESIGN NUMBER			263616	ľ		
CLASS			24-01			
1)MR. SACHIN G. LO SAGLO <sup>®</sup> RESEARCH E OF BUSINESS 5099, NEAR ASHA T. PETH, MIRAJ-416410, D	<b>QUIPM</b> ALKIES	IENT HAVINO	<b>G ITS PRINCE</b> R APPT, SHAN	<b>PAL PLAC</b> NWAR	CE	
DATE OF REGISTRAT		24/06/2014				
TITLE		TOOL FOR MAKING BACTERIAL MOVEMENT DETECTION SAMPLE HOLDER		2	C C C C C C C C C C C C C C C C C C C	
PRIORITY NA						

DESIGN NUMBER	266190	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, ND, KANJURMARG (WEST), OPP. HUMA HTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	
TITLE	TEXTILE FABRIC	Solution and the set
PRIORITY NA		
DESIGN NUMBER	262596	
CLASS	18-04	
NO 7, POLYGRAF GENERAL IND (WEST), MUMBAI-400016, MAHARA	,	
DATE OF REGISTRATION TITLE	15/05/2014	
PRIORITY NA	BOOK BINDER	
DESIGN NUMBER	259940	
CLASS	13-03	
278, MUMBAI 400001, MAHARASH	<b>L&amp;T HOUSE, BALLARD ESTATE, P.O. BOX:</b> <b>IRA, INDIA</b> RED UNDER THE PROVISIONS OF THE	9999
DATE OF REGISTRATION	03/02/2014	A CONTRACTOR OF A
TITLE	MINIATURE CIRCUIT BREAKER	
PRIORITY NA		P. P. P. P

DESIGN NUMBER		263922	
CLASS		15-03	1 4
1) <b>DEERE &amp; COMPANY, A US CO</b> ONE JOHN DEERE PLACE, MOLI			
DATE OF REGISTRATION	08/07/2014		
TITLE	CULTIVATOR		MAR - SCALL .
PRIORITY NA			
DESIGN NUMBER		266264	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RES SITUATED AT HANUMAN SILK MILL COMPOU MALL, MUMBAI-400 078 MAHARAS	0000		
DATE OF REGISTRATION	29	/09/2014	a aller aller aller aller aller alle
TITLE	TEXTILE FABRIC		00000
PRIORITY NA			
DESIGN NUMBER		262129	
CLASS		07-02	5 - A <sup>2</sup> -2-2-2
1)ENVIROFIT INTERNATIONAL 109 NORTH COLLEGE AVENUE, USA			
DATE OF REGISTRATION	29	/04/2014	
TITLE	S	STOVE	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/471,221	29/10/2013 U.S.A.		

DESIGN NUMBER	264471	
CLASS	SS 08-06	
1)GODREJ & BOYCE MFG. CO. I OF LOCKS DIVISION (PLANT-18 400079, MAHARASHTRA, INDIA, IN	), PIROJSHANAGAR, VIKHROLI, MUMBAI -	
DATE OF REGISTRATION	05/08/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	240412	
CLASS	09-03	Contraction of the second s
1)NAYASA HOMEWARE SURVEY NO. 367/16 & 378/2 KAC (UNION TERRITORIES) DAMAN UN	CHIGAM, NANI DAMAN, DAMAN-396 210, ION TERRITORIES, INDIA	
DATE OF REGISTRATION	24/10/2011	
TITLE	LUNCH BOX	
PRIORITY NA		
DESIGN NUMBER	266262	_
CLASS	05-05	aller aller
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, JND, KANJURMARG (WEST), OPP. HUMA GHTRA, INDIA.	
DATE OF REGISTRATION	29/09/2014	M. M.
TITLE	TEXTILE FABRIC	

DESIGN NUMBER	262305		
CLASS	15-03		
UNDER THE INDIAN COMPANIES SHAKTIMAN, SURVEY NO 108/1	<b>PVT LTD, A COMPANY INCORPORATED</b> <b>ACT, HAVING ITS REGISTERED OFFICE AT</b> , PLOT NO B, AT: BHUNAVA, NATIONAL TOLL PLAZA, TAL: GONDAL, DIST: RAJKOT	E.	
DATE OF REGISTRATION	<b>REGISTRATION</b> 02/05/2014		
TITLE	BALER FOR AGRICULTURE USE		
PRIORITY NA			